Base Load Power Hub (BLPH)

Maintenance Schedule

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Rev.	Date	Description	Prepared	Reviewed	Approved

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Revision / Change Log

Rev.	Description
00	ISSUE FOR APPROVAL (IFA)

HOLDS LIST

No.	Description

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Tag Number	Tag Description	Class Name	Physical Class	Parent Tag	P&ID	P.O.	Vendor	6 MONTHS	12 MONTHS	SUMMARY CHECK LIST(short and long term)
00-JE-11001	PCS Analog JB	JunctionBox	JunctionBox	B400-PCS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-11001_1/B400-PCS-002	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-PCS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-11001_2/B400-PCS-002	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-PCS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-11002	PCS Analog JB	JunctionBox	JunctionBox	B400-PCS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-11002/B400-PCS-002	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-PCS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-11003	PCS Analog JB	JunctionBox	JunctionBox	B400-PCS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-11003_1/B400-PCS-002	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-PCS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-11003_2/B400-PCS-002	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-PCS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-11004	PCS Analog JB	JunctionBox	JunctionBox	B400-PCS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-11004/B400-PCS-002	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-PCS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-11005	PCS Analog JB	JunctionBox	JunctionBox	B400-PCS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-11005/B400-PCS-002	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-PCS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-12001	PCS Digital Input JB	JunctionBox	JunctionBox	B400-PCS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-12001_1/B400-PCS-002	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-PCS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-12001_2/B400-PCS-002	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-PCS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-12002	PCS Digital Input JB	JunctionBox	JunctionBox	B400-PCS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-12002/B400-PCS-002	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-PCS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-12003	PCS Digital Input JB	JunctionBox	JunctionBox	B400-PCS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-12003/B400-PCS-002	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-PCS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-12004	PCS Digital Input JB	JunctionBox	JunctionBox	B400-PCS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-12004_1/B400-PCS-002	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-PCS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-12004_2/B400-PCS-002	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-PCS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-12005	PCS Digital Input JB	JunctionBox	JunctionBox	B400-PCS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-12005/B400-PCS-002	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-PCS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-12006	PCS Digital Input JB	JunctionBox	JunctionBox	B400-PCS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-12006_1/B400-PCS-002	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-PCS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-12006_2/B400-PCS-002	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-PCS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-13001	PCS Digital Output JB	JunctionBox	JunctionBox	B400-PCS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-13001/B400-PCS-002	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-PCS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-13002	PCS Digital Output JB	JunctionBox	JunctionBox	B400-PCS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-13002/B400-PCS-002	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-PCS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-13003	PCS Digital Output JB	JunctionBox	JunctionBox	B400-PCS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-13003/B400-PCS-002	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-PCS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-21001	SIS Analog JB	JunctionBox	JunctionBox	B400-SIS-001		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-21001/B400-SIS-001	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-SIS-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-21002	SIS Analog JB	JunctionBox	JunctionBox	B400-SIS-001		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-21002/B400-SIS-001	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-SIS-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-22001	SIS Digital Input JB	JunctionBox	JunctionBox	B400-SIS-001		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

00-JE-22001_1/B400-SIS-001	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-SIS-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-22001_2/B400-SIS-001	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-SIS-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-22002	SIS Digital Input JB	JunctionBox	JunctionBox	B400-SIS-001		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-22002_1/B400-SIS-001	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-SIS-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-22002_2/B400-SIS-001	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-SIS-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-23001	SIS Digital Output JB	JunctionBox	JunctionBox	B400-SIS-001		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-23001/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-SIS-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-23002	SIS Digital Output JB	JunctionBox	JunctionBox	B400-SIS-001		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
00-JE-23002/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-SIS-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
20001-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	SG-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
20-UCP-001	Unit Control Panel for Electrolyser Package	Cabinet	Cabinet	A-20000	N.A.					
20-UCP-001/B400-FGS-002	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
20-UCP-001/B400-NET-001.01	FTP-LSZH-IS-OS-SWB-LSZH	I&CCable	I&CCable	B400-NET-001.01	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
20-UCP-001/B400-NET-001.02	FTP-LSZH-IS-OS-SWB-LSZH	I&CCable	I&CCable	B400-NET-001.02	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-BDV-005	Vessel V-25001A Hydrogen vent system	ON/OFF Valve	ActuatedValve	4"-HY-142-03HSS-N	123A90-DDL-PR-PID-80015	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-BDV-007	Vessel V-25001B Hydrogen vent system	ON/OFF Valve	ActuatedValve	4"-HY-167-03HSS-N	123A90-DDL-PR-PID-80016	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-BDV-010	Vessel V-25001C Hydrogen vent system	ON/OFF Valve	ActuatedValve	4"-HY-171-03HSS-N	123A90-DDL-PR-PID-80017	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-BDV-013	Vessel V-25001D Hydrogen vent system	ON/OFF Valve	ActuatedValve	4"-HY-175-03HSS-N	123A90-DDL-PR-PID-80018	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-BDV-016	Vessel V-25001E Hydrogen vent system	ON/OFF Valve	ActuatedValve	4"-HY-180-03HSS-N	123A90-DDL-PR-PID-80019	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-BDV-019	Vessel V-25001F Hydrogen vent system	ON/OFF Valve	ActuatedValve	4"-HY-184-03HSS-N	123A90-DDL-PR-PID-80020	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-BDV-022	Hyrogen from vessels outlet header vent system	ON/OFF Valve	ActuatedValve	1"-HY-144-03HSS-N	123A90-DDL-PR-PID-80014	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-BDY-005	Vessel V-25001A Hydrogen vent system	Solenoid Valve	Solenoid	4"-HY-142-03HSS-N	123A90-DDL-PR-PID-80015	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-BDY-007	Vessel V-25001B Hydrogen vent system	Solenoid Valve	Solenoid	4"-HY-167-03HSS-N	123A90-DDL-PR-PID-80016	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-BDY-010	Vessel V-25001C Hydrogen vent system	Solenoid Valve	Solenoid	4"-HY-171-03HSS-N	123A90-DDL-PR-PID-80017	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-BDY-013	Vessel V-25001D Hydrogen vent system	Solenoid Valve	Solenoid	4"-HY-175-03HSS-N	123A90-DDL-PR-PID-80018	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-BDY-016	Vessel V-25001E Hydrogen vent system	Solenoid Valve	Solenoid	4"-HY-180-03HSS-N	123A90-DDL-PR-PID-80019	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-BDY-019	Vessel V-25001F Hydrogen vent system	Solenoid Valve	Solenoid	4"-HY-184-03HSS-N	123A90-DDL-PR-PID-80020	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-BDY-022	Hyrogen from vessels outlet header vent system	Solenoid Valve	Solenoid	1"-HY-144-03HSS-N	123A90-DDL-PR-PID-80014	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-FE-031	Nitrogen to V-25001A vessel	Variable Area Flow Meter	SensingElement	1"-HY-153-03HSS-N	123A90-DDL-PR-PID-80015	1724000791	Brooks Instrument	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-FE-032	Nitrogen to V-25001B vessel	Variable Area Flow Meter	SensingElement	1"-HY-186-03HSS-N	123A90-DDL-PR-PID-80016	1724000791	Brooks Instrument	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-FE-033	Nitrogen to V-25001C vessel	Variable Area Flow Meter	SensingElement	1"-HY-187-03HSS-N	123A90-DDL-PR-PID-80017	1724000791	Brooks Instrument	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-FE-034	Nitrogen to V-25001D vessel	Variable Area Flow Meter	SensingElement	1"-HY-188-03HSS-N	123A90-DDL-PR-PID-80018	1724000791	Brooks Instrument	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-FE-036	Nitrogen to V-25001F vessel	Variable Area Flow Meter	SensingElement	1"-HY-190-03HSS-N	123A90-DDL-PR-PID-80020	1724000791	Brooks Instrument	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-FE-038	Nitrogen to V-25001E vessel	Variable Area Flow Meter	SensingElement	1"-HY-189-03HSS-N	123A90-DDL-PR-PID-80019	1724000791	Brooks Instrument	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-FT-031	Nitrogen to V-25001A vessel	Flow Transmitter	Flow Transmitter	1"-HY-153-03HSS-N	123A90-DDL-PR-PID-80015	1724000791	Brooks Instrument	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-FT-032	Nitrogen to V-25001B vessel	Flow Transmitter	Flow Transmitter	1"-HY-186-03HSS-N	123A90-DDL-PR-PID-80016	1724000791	Brooks Instrument	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-FT-033	Nitrogen to V-25001C vessel	Flow Transmitter	Flow Transmitter	1"-HY-187-03HSS-N	123A90-DDL-PR-PID-80017	1724000791	Brooks Instrument	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-FT-034	Nitrogen to V-25001D vessel	Flow Transmitter	Flow Transmitter	1"-HY-188-03HSS-N	123A90-DDL-PR-PID-80018	1724000791	Brooks Instrument	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-FT-036	Nitrogen to V-25001F vessel	Flow Transmitter	Flow Transmitter	1"-HY-190-03HSS-N	123A90-DDL-PR-PID-80020	1724000791	Brooks Instrument	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-FT-038	Nitrogen to V-25001E vessel	Flow Transmitter	Flow Transmitter	1"-HY-189-03HSS-N	123A90-DDL-PR-PID-80019	1724000791	Brooks Instrument	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-FV-031	Nitrogen to V-25001A vessel	Control Valve	CriticalControlValve	1"-HY-153-03HSS-N	123A90-DDL-PR-PID-80015	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-FV-032	Nitrogen to V-25001B vessel	Control Valve	CriticalControlValve	1"-HY-186-03HSS-N	123A90-DDL-PR-PID-80016	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-FV-033	Nitrogen to V-25001C vessel	Control Valve	CriticalControlValve	1"-HY-187-03HSS-N	123A90-DDL-PR-PID-80017	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-FV-034	Nitrogen to V-25001D vessel	Control Valve	CriticalControlValve	1"-HY-188-03HSS-N	123A90-DDL-PR-PID-80018	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-FV-036	Nitrogen to V-25001F vessel	Control Valve	CriticalControlValve	1"-HY-190-03HSS-N	123A90-DDL-PR-PID-80020	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-FV-038	Nitrogen to V-25001E vessel	Control Valve	CriticalControlValve	1"-HY-189-03HSS-N	123A90-DDL-PR-PID-80019	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-FY-031	Nitrogen to V-25001A vessel	Electropositioner	Instrument	25-FV-031	123A90-DDL-PR-PID-80015	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-FY-032	Nitrogen to V-25001B vessel	Electropositioner	Instrument	25-FV-032	123A90-DDL-PR-PID-80016	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-FY-033	Nitrogen to V-25001C vessel	Electropositioner	Instrument	25-FV-033	123A90-DDL-PR-PID-80017	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-FY-034	Nitrogen to V-25001D vessel	Electropositioner	Instrument	25-FV-034	123A90-DDL-PR-PID-80018	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-FY-036	Nitrogen to V-25001F vessel	Electropositioner	Instrument	25-FV-036	123A90-DDL-PR-PID-80020	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-FY-038	Nitrogen to V-25001E vessel	Electropositioner	Instrument	25-FV-038	123A90-DDL-PR-PID-80019	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PG-031	Air set Pressure Gauge Filter	Pressure Gauge	Gauge	25-FV-031	123A90-DDL-PR-PID-80015	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PG-032	Air set Pressure Gauge Filter	Pressure Gauge	Gauge	25-FV-032	123A90-DDL-PR-PID-80016	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PG-033	Air set Pressure Gauge Filter	Pressure Gauge	Gauge	25-FV-033	123A90-DDL-PR-PID-80017	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PG-034	Air set Pressure Gauge Filter	Pressure Gauge	Gauge	25-FV-034	123A90-DDL-PR-PID-80018	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PG-035	Air set Pressure Gauge Filter	Pressure Gauge	Gauge	25-PV-035	123A90-DDL-PR-PID-80015	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PG-036	Air set Pressure Gauge Filter	Pressure Gauge	Gauge	25-FV-036	123A90-DDL-PR-PID-80020	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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25-PG-037	Air set Pressure Gauge Filter	Pressure Gauge	Gauge	25-PV-037	123A90-DDL-PR-PID-80016	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PG-038	Air set Pressure Gauge Filter	Pressure Gauge	Gauge	25-FV-038	123A90-DDL-PR-PID-80019	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PG-040	Air set Pressure Gauge Filter	Pressure Gauge	Gauge	25-PV-040	123A90-DDL-PR-PID-80017	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PG-043	Air set Pressure Gauge Filter	Pressure Gauge	Gauge	25-PV-043	123A90-DDL-PR-PID-80018	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PG-046	Air set Pressure Gauge Filter	Pressure Gauge	Gauge	25-PV-046	123A90-DDL-PR-PID-80019	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PG-049	Air set Pressure Gauge Filter	Pressure Gauge	Gauge	25-PV-049	123A90-DDL-PR-PID-80020	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PG-055A	Air set Pressure Gauge Filter	Pressure Gauge	Gauge	25-PV-055A	123A90-DDL-PR-PID-80014	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PG-055B	Air set Pressure Gauge Filter	Pressure Gauge	Gauge	25-PV-055B	123A90-DDL-PR-PID-80014	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PI-001	High pressure alarm	Pressure Indicator	Gauge	25-PT-001	123A90-DDL-PR-PID-80013					
25-PI-002	High High pressure alarm	Pressure Indicator	Gauge	25-PT-002	123A90-DDL-PR-PID-80013					
25-PI-004	High High pressure alarm	Pressure Indicator	Gauge	25-PT-004	123A90-DDL-PR-PID-80015					
25-PI-006	High High pressure alarm	Pressure Indicator	Gauge	25-PT-006	123A90-DDL-PR-PID-80016					
25-PI-008	High High pressure alarm	Pressure Indicator	Gauge	25-PT-008	123A90-DDL-PR-PID-80017					
25-PI-009	High High pressure alarm	Pressure Indicator	Gauge	25-PT-009	123A90-DDL-PR-PID-80018					
25-PI-011	High High pressure alarm	Pressure Indicator	Gauge	25-PT-011	123A90-DDL-PR-PID-80019					
25-PI-012	High High pressure alarm	Pressure Indicator	Gauge	25-PT-012	123A90-DDL-PR-PID-80020					
25-PSV-001A	Vessel V-25001A Hydrogen vent system	Pressure safety valve	PressureSafetyValve	1-1/2"-HY-024-03HSS-N	123A90-DDL-PR-PID-80015	1724000518	Technical Srl	-Check of the seat and disc on the plant -Check of the painting condition on the plant	N/A	ONCE 6 MONTHS -Check of the seal outwards in case of back pressure on the plant EVERY 12 MONTHS -Ordinary maintenance of the assembled on the plant, including the seal check and surface check of the movable components. EVERY 24 MONTHS OF OPERATION -General maintenance of the valve removed from the plant including the disassembling, the seat and the disc check, the possible seat and disc lapping, gaskets substitution, painting restoration and inspection on the test bench.
25-PSV-001B	Vessel V-25001B Hydrogen vent system	Pressure safety valve	PressureSafetyValve	1-1/2"-HY-166-03HSS-N	123A90-DDL-PR-PID-80016	1724000518	Technical Srl	-Check of the seat and disc on the plant -Check of the painting condition on the plant	N/A	ONCE 6 MONTHS -Check of the seal outwards in case of back pressure on the plant EVERY 12 MONTHS -Ordinary maintenance of the assembled on the plant, including the seal check and surface check of the movable components. EVERY 24 MONTHS OF OPERATION -General maintenance of the valve removed from the plant including the disassembling, the seat and the disc check, the possible seat and disc lapping, gaskets substitution, painting restoration and inspection on the test bench.
25-PSV-001C	Vessel V-25001C Hydrogen vent system	Pressure safety valve	PressureSafetyValve	1-1/2"-HY-170-03HSS-N	123A90-DDL-PR-PID-80017	1724000518	Technical Srl	-Check of the seat and disc on the plant -Check of the painting condition on the plant	N/A	ONCE 6 MONTHS -Check of the seal outwards in case of back pressure on the plant EVERY 12 MONTHS -Ordinary maintenance of the assembled on the plant, including the seal check and surface check of the movable components. EVERY 24 MONTHS OF OPERATION -General maintenance of the valve removed from the plant including the disassembling, the seat and the disc check, the possible seat and disc lapping, gaskets substitution, painting restoration and inspection on the test bench.
25-PSV-001D	Vessel V-25001D Hydrogen vent system	Pressure safety valve	PressureSafetyValve	1-1/2"-HY-174-03HSS-N	123A90-DDL-PR-PID-80018	1724000518	Technical Srl	-Check of the seat and disc on the plant -Check of the painting condition on the plant	N/A	ONCE 6 MONTHS -Check of the seal outwards in case of back pressure on the plant EVERY 12 MONTHS -Ordinary maintenance of the assembled on the plant, including the seal check and surface check of the movable components. EVERY 24 MONTHS OF OPERATION -General maintenance of the valve removed from the plant including the disassembling, the seat and the disc check, the possible seat and disc lapping, gaskets substitution, painting restoration and inspection on the test bench.

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25-PSV-001E	Vessel V-25001E Hydrogen vent system	Pressure safety valve	PressureSafetyValve	1-1/2"-HY-179-03HSS-N	123A90-DDL-PR-PID-80019	1724000518	Technical Srl	-Check of the seat and disc on the plant -Check of the painting condition on the plant	N/A	ONCE 6 MONTHS -Check of the seal outwards in case of back pressure on the plant EVERY 12 MONTHS -Ordinary maintenance of the assembled on the plant, including the seal check and surface check of the movable components. EVERY 24 MONTHS OF OPERATION -General maintenance of the valve removed from the plant including the disassembling, the seat and the disc check, the possible seat and disc lapping, gaskets substitution, painting restoration and inspection on the test bench.
25-PSV-001F	Vessel V-25001F Hydrogen vent system	Pressure safety valve	PressureSafetyValve	1-1/2"-HY-183-03HSS-N	123A90-DDL-PR-PID-80020	1724000518	Technical Srl	-Check of the seat and disc on the plant -Check of the painting condition on the plant	N/A	ONCE 6 MONTHS -Check of the seal outwards in case of back pressure on the plant EVERY 12 MONTHS -Ordinary maintenance of the assembled on the plant, including the seal check and surface check of the movable components. EVERY 24 MONTHS OF OPERATION -General maintenance of the valve removed from the plant including the disassembling, the seat and the disc check, the possible seat and disc lapping, gaskets substitution, painting restoration and inspection on the test bench.
25-PSV-031	Safety Valve	Pressure safety valve	PressureSafetyValve	25-FV-031	123A90-DDL-PR-PID-80015	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PSV-032	Safety Valve	Pressure safety valve	PressureSafetyValve	25-FV-032	123A90-DDL-PR-PID-80016	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PSV-033	Safety Valve	Pressure safety valve	PressureSafetyValve	25-FV-033	123A90-DDL-PR-PID-80017	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PSV-034	Safety Valve	Pressure safety valve	PressureSafetyValve	25-FV-034	123A90-DDL-PR-PID-80018	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PSV-035	Safety Valve	Pressure safety valve	PressureSafetyValve	25-PV-035	123A90-DDL-PR-PID-80015	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PSV-036	Safety Valve	Pressure safety valve	PressureSafetyValve	25-FV-036	123A90-DDL-PR-PID-80020	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PSV-037	Safety Valve	Pressure safety valve	PressureSafetyValve	1-1/2"-HY-024-03HSS-N	123A90-DDL-PR-PID-80015	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PSV-038	Safety Valve	Pressure safety valve	PressureSafetyValve	25-FV-038	123A90-DDL-PR-PID-80019	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PSV-040	Safety Valve	Pressure safety valve	PressureSafetyValve	25-PV-040	123A90-DDL-PR-PID-80017	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PSV-043	Safety Valve	Pressure safety valve	PressureSafetyValve	25-PV-043	123A90-DDL-PR-PID-80018	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PSV-046	Safety Valve	Pressure safety valve	PressureSafetyValve	25-PV-046	123A90-DDL-PR-PID-80019	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PSV-049	Safety Valve	Pressure safety valve	PressureSafetyValve	25-PV-049	123A90-DDL-PR-PID-80020	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PSV-055A	Safety Valve	Pressure safety valve	PressureSafetyValve	25-PV-055A	123A90-DDL-PR-PID-80014	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PSV-055B	Safety Valve	Pressure safety valve	PressureSafetyValve	25-PV-055B	123A90-DDL-PR-PID-80014	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PT-001	Hyrogen to vessels inlet header	Pressure Transmitter	Pressure Transmitter	N.A.	123A90-DDL-PR-PID-80013	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PT-002	Hyrogen to vessels inlet header shut-down	Pressure Transmitter	Pressure Transmitter	N.A.	123A90-DDL-PR-PID-80013	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PT-004	Vessel V-25001A Hydrogen vent system	Pressure Transmitter	Pressure Transmitter	V-25001A	123A90-DDL-PR-PID-80015	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PT-006	Vessel V-25001B Hydrogen vent system	Pressure Transmitter	Pressure Transmitter	V-25001B	123A90-DDL-PR-PID-80016	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PT-008	Vessel V-25001C Hydrogen vent system	Pressure Transmitter	Pressure Transmitter	V-25001C	123A90-DDL-PR-PID-80017	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PT-009	Vessel V-25001D Hydrogen vent system	Pressure Transmitter	Pressure Transmitter	1"-HY-173-03HSS-N	123A90-DDL-PR-PID-80018	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PT-011	Vessel V-25001E Hydrogen vent system	Pressure Transmitter	Pressure Transmitter	1"-HY-178-03HSS-N	123A90-DDL-PR-PID-80019	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PT-012	Vessel V-25001F Hydrogen vent system	Pressure Transmitter	Pressure Transmitter	V-25001F	123A90-DDL-PR-PID-80020	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PT-035	Vessel V-25001A pressure control	Pressure Transmitter	Pressure Transmitter	V-25001A	123A90-DDL-PR-PID-80015	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PT-037	Vessel V-25001B pressure control	Pressure Transmitter	Pressure Transmitter	1"-HY-165-03HSS-N	123A90-DDL-PR-PID-80016	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PT-040	Vessel V-25001C pressure control	Pressure Transmitter	Pressure Transmitter	V-25001C	123A90-DDL-PR-PID-80017	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PT-043	Vessel V-25001D pressure control	Pressure Transmitter	Pressure Transmitter	V-25001D	123A90-DDL-PR-PID-80018	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PT-046	Vessel V-25001E pressure control	Pressure Transmitter	Pressure Transmitter	V-25001E	123A90-DDL-PR-PID-80019	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PT-049	Vessel V-25001F pressure control	Pressure Transmitter	Pressure Transmitter	V-25001F	123A90-DDL-PR-PID-80020	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PT-055A	Hyrogen from vessels outlet header pressure control	Pressure Transmitter	Pressure Transmitter	2"-HY-023-01HSS-N	123A90-DDL-PR-PID-80014	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PT-055B	Hyrogen from vessels outlet header pressure control	Pressure Transmitter	Pressure Transmitter	1-1/2"-HY-148-03HSS-N	123A90-DDL-PR-PID-80014	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PV-035	Vessel V-25001A pressure control	Control Valve	CriticalControlValve	4"-HY-142-03HSS-N	123A90-DDL-PR-PID-80015	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PV-037	Vessel V-25001B pressure control	Control Valve	CriticalControlValve	4"-HY-167-03HSS-N	123A90-DDL-PR-PID-80016	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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25-PV-040	Vessel V-25001C pressure control	Control Valve	CriticalControlValve	4"-HY-171-03HSS-N	123A90-DDL-PR-PID-80017	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PV-043	Vessel V-25001D pressure control	Control Valve	CriticalControlValve	4"-HY-175-03HSS-N	123A90-DDL-PR-PID-80018	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PV-046	Vessel V-25001E pressure control	Control Valve	CriticalControlValve	4"-HY-180-03HSS-N	123A90-DDL-PR-PID-80019	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PV-049	Vessel V-25001F pressure control	Control Valve	CriticalControlValve	4"-HY-184-03HSS-N	123A90-DDL-PR-PID-80020	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PV-055A	Hyrogen from vessels outlet header pressure control	Control Valve	CriticalControlValve	1-1/2"-HY-148-03HSS-N	123A90-DDL-PR-PID-80014	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PV-055B	Hyrogen from vessels outlet header pressure control	Control Valve	CriticalControlValve	1-1/2"-HY-148-03HSS-N	123A90-DDL-PR-PID-80014	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PY-035	Vessel V-25001A pressure control	Electropositioner	Instrument	25-PV-035	123A90-DDL-PR-PID-80015	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PY-037	Vessel V-25001B pressure control	Electropositioner	Instrument	25-PV-037	123A90-DDL-PR-PID-80016	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PY-040	Vessel V-25001C pressure control	Electropositioner	Instrument	25-FV-036	123A90-DDL-PR-PID-80017	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PY-043	Vessel V-25001D pressure control	Electropositioner	Instrument	25-PV-043	123A90-DDL-PR-PID-80018	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PY-046	Vessel V-25001E pressure control	Electropositioner	Instrument	25-PV-046	123A90-DDL-PR-PID-80019	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PY-049	Vessel V-25001F pressure control	Electropositioner	Instrument	25-PV-049	123A90-DDL-PR-PID-80020	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PY-055A	Hydrogen from vessels outlet header pressure control	Electropositioner	Instrument	25-PV-055A	123A90-DDL-PR-PID-80014	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-PY-055B	Hydrogen from vessels outlet header pressure control	Electropositioner	Instrument	25-PV-055B	123A90-DDL-PR-PID-80014	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-RO-005	Vessel V-25001A Hydrogen vent system	Restriction Orifice	SensingElement	4"-HY-142-03HSS-N	123A90-DDL-PR-PID-80015	1724001690	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-RO-007	Vessel V-25001B Hydrogen vent system	Restriction Orifice	SensingElement	4"-HY-167-03HSS-N	123A90-DDL-PR-PID-80016	1724001690	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-RO-010	Vessel V-25001C Hydrogen vent system	Restriction Orifice	SensingElement	4"-HY-171-03HSS-N	123A90-DDL-PR-PID-80017	1724001690	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-RO-013	Vessel V-25001D Hydrogen vent system	Restriction Orifice	SensingElement	4"-HY-175-03HSS-N	123A90-DDL-PR-PID-80018	1724001690	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-RO-016	Vessel V-25001E Hydrogen vent system	Restriction Orifice	SensingElement	4"-HY-180-03HSS-N	123A90-DDL-PR-PID-80019	1724001690	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-RO-019	Vessel V-25001F Hydrogen vent system	Restriction Orifice	SensingElement	4"-HY-184-03HSS-N	123A90-DDL-PR-PID-80020	1724001690	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-RO-022	Hyrogen from vessels outlet header vent system	Restriction Orifice	SensingElement	1"-HY-144-03HSS-N	123A90-DDL-PR-PID-80014	1724001690	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-RO-024	Hyrogen to vessels inlet header vent system	Restriction Orifice	SensingElement	1"-HY-143-03HSS-N	123A90-DDL-PR-PID-80013	1724001690	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-SDV-001	Hyrogen to vessels inlet header shut-down	ON/OFF Valve	ActuatedValve	1"-HY-007-03HSS-N	123A90-DDL-PR-PID-80013	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-SDV-023	Hyrogen from vessels outlet header shut-down	ON/OFF Valve	ActuatedValve	1-1/2"-HY-148-03HSS-N	123A90-DDL-PR-PID-80014	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-SDY-001	Hyrogen to vessels inlet header shut-down	Solenoid Valve	Solenoid	1"-HY-007-03HSS-N	123A90-DDL-PR-PID-80013	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-SDY-023	Hyrogen from vessels outlet header shut-down	Solenoid Valve	Solenoid	1-1/2"-HY-148-03HSS-N	123A90-DDL-PR-PID-80014	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-SV-031	Air set Filter for control valve	Control Valve component	Filter	25-FV-031		1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-SV-032	Air set Filter for control valve	Control Valve component	Filter	25-FV-032	123A90-DDL-PR-PID-80016	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-SV-033	Air set Filter for control valve	Control Valve component	Filter	25-FV-033		1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-SV-034	Air set Filter for control valve	Control Valve component	Filter	25-FV-034	123A90-DDL-PR-PID-80018	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-SV-035	Air set Filter for control valve	Control Valve component	Filter	25-PV-035	123A90-DDL-PR-PID-80015	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-SV-036	Air set Filter for control valve	Control Valve component	Filter	25-FV-036	123A90-DDL-PR-PID-80020	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-SV-037	Air set Filter for control valve	Control Valve component	Filter	25-PV-037	123A90-DDL-PR-PID-80016	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-SV-038	Air set Filter for control valve	Control Valve component	Filter	25-FV-038	123A90-DDL-PR-PID-80019	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-SV-040	Air set Filter for control valve	Control Valve component	Filter	25-PV-040	123A90-DDL-PR-PID-80017	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-SV-043	Air set Filter for control valve	Control Valve component	Filter	25-PV-043	123A90-DDL-PR-PID-80018	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-SV-046	Air set Filter for control valve	Control Valve component	Filter	25-PV-046	123A90-DDL-PR-PID-80019	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-SV-049	Air set Filter for control valve	Control Valve component	Filter	25-PV-049	123A90-DDL-PR-PID-80020	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-SV-055A	Air set Filter for control valve	Control Valve component	Filter	25-PV-055A	123A90-DDL-PR-PID-80014	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-SV-055B	Air set Filter for control valve	Control Valve component	Filter	25-PV-055B	123A90-DDL-PR-PID-80014	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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25-XV-004	Vessel V-25001A Hydrogen inlet	ON/OFF Valve	ActuatedValve	1"-HY-015-03HSS-N	123A90-DDL-PR-PID-80015	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-XV-006	Vessel V-25001A Hydrogen outlet	ON/OFF Valve	ActuatedValve	1"-HY-026-03HSS-N	123A90-DDL-PR-PID-80015	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-XV-008	Vessel V-25001B Hydrogen inlet	ON/OFF Valve	ActuatedValve	1"-HY-016-03HSS-N	123A90-DDL-PR-PID-80016	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-XV-009	Vessel V-25001B Hydrogen outlet	ON/OFF Valve	ActuatedValve	1"-HY-132-03HSS-N	123A90-DDL-PR-PID-80016	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-XV-011	Vessel V-25001C Hydrogen inlet	ON/OFF Valve	ActuatedValve	1"-HY-017-03HSS-N	123A90-DDL-PR-PID-80017	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-XV-012	Vessel V-25001C Hydrogen outlet	ON/OFF Valve	ActuatedValve	1"-HY-133-03HSS-N	123A90-DDL-PR-PID-80017	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-XV-014	Vessel V-25001D Hydrogen inlet	ON/OFF Valve	ActuatedValve	1"-HY-018-03HSS-N	123A90-DDL-PR-PID-80018	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-XV-015	Vessel V-25001D Hydrogen outlet	ON/OFF Valve	ActuatedValve	1"-HY-134-03HSS-N	123A90-DDL-PR-PID-80018	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-XV-017	Vessel V-25001E Hydrogen inlet	ON/OFF Valve	ActuatedValve	1"-HY-019-03HSS-N	123A90-DDL-PR-PID-80019	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-XV-018	Vessel V-25001E Hydrogen outlet	ON/OFF Valve	ActuatedValve	1"-HY-135-03HSS-N	123A90-DDL-PR-PID-80019	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-XV-020	Vessel V-25001F Hydrogen inlet	ON/OFF Valve	ActuatedValve	1"-HY-020-03HSS-N	123A90-DDL-PR-PID-80020	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-XV-021	Vessel V-25001F Hydrogen outlet	ON/OFF Valve	ActuatedValve	1"-HY-136-03HSS-N	123A90-DDL-PR-PID-80020	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-XV-024	Hyrogen to vessels inlet header vent system	ON/OFF Valve	ActuatedValve	1"-HY-143-03HSS-N	123A90-DDL-PR-PID-80013	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-XY-004	Vessel V-25001A Hydrogen inlet	Solenoid Valve	Solenoid	1"-HY-015-03HSS-N	123A90-DDL-PR-PID-80015	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-XY-006	Vessel V-25001A Hydrogen outlet	Solenoid Valve	Solenoid	1"-HY-026-03HSS-N	123A90-DDL-PR-PID-80015	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-XY-008	Vessel V-25001B Hydrogen inlet	Solenoid Valve	Solenoid	1"-HY-016-03HSS-N	123A90-DDL-PR-PID-80016	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-XY-009	Vessel V-25001B Hydrogen outlet	Solenoid Valve	Solenoid	1"-HY-132-03HSS-N	123A90-DDL-PR-PID-80016	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-XY-011	Vessel V-25001C Hydrogen inlet	Solenoid Valve	Solenoid	1"-HY-017-03HSS-N	123A90-DDL-PR-PID-80017	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-XY-012	Vessel V-25001C Hydrogen outlet	Solenoid Valve	Solenoid	1"-HY-133-03HSS-N	123A90-DDL-PR-PID-80017	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-XY-014	Vessel V-25001D Hydrogen inlet	Solenoid Valve	Solenoid	1"-HY-018-03HSS-N	123A90-DDL-PR-PID-80018	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-XY-015	Vessel V-25001D Hydrogen outlet	Solenoid Valve	Solenoid	1"-HY-134-03HSS-N	123A90-DDL-PR-PID-80018	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-XY-017	Vessel V-25001E Hydrogen inlet	Solenoid Valve	Solenoid	1"-HY-019-03HSS-N	123A90-DDL-PR-PID-80019	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-XY-018	Vessel V-25001E Hydrogen outlet	Solenoid Valve	Solenoid	1"-HY-135-03HSS-N	123A90-DDL-PR-PID-80019	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-XY-020	Vessel V-25001F Hydrogen inlet	Solenoid Valve	Solenoid	1"-HY-020-03HSS-N	123A90-DDL-PR-PID-80020	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-XY-021	Vessel V-25001F Hydrogen outlet	Solenoid Valve	Solenoid	1"-HY-136-03HSS-N	123A90-DDL-PR-PID-80020	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-XY-024	Hyrogen to vessels inlet header vent system	Solenoid Valve	Solenoid	1"-HY-143-03HSS-N	123A90-DDL-PR-PID-80013	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-ZSH-001	Hyrogen to vessels inlet header shut-down	Limit Switch	Limit Switch Open	25-SDV-001	123A90-DDL-PR-PID-80013	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-ZSH-004	Vessel V-25001A Hydrogen inlet	Limit Switch	Limit Switch Open	25-XV-004	123A90-DDL-PR-PID-80015	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-ZSH-005	Vessel V-25001A Hydrogen vent system	Limit Switch	Limit Switch Open	25-BDV-005	123A90-DDL-PR-PID-80015	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-ZSH-006	Vessel V-25001A Hydrogen outlet	Limit Switch	Limit Switch Open	25-XV-006	123A90-DDL-PR-PID-80015	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-ZSH-007	Vessel V-25001B Hydrogen vent system	Limit Switch	Limit Switch Open	25-BDV-007	123A90-DDL-PR-PID-80016	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-ZSH-008	Vessel V-25001B Hydrogen inlet	Limit Switch	Limit Switch Open	25-XV-008	123A90-DDL-PR-PID-80016	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-ZSH-009	Vessel V-25001B Hydrogen outlet	Limit Switch	Limit Switch Open	25-XV-009	123A90-DDL-PR-PID-80016	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-ZSH-010	Vessel V-25001C Hydrogen vent system	Limit Switch	Limit Switch Open	25-BDV-010	123A90-DDL-PR-PID-80017	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-ZSH-011	Vessel V-25001C Hydrogen inlet	Limit Switch	Limit Switch Open	25-XV-011	123A90-DDL-PR-PID-80017	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-ZSH-012	Vessel V-25001C Hydrogen outlet	Limit Switch	Limit Switch Open	25-XV-012	123A90-DDL-PR-PID-80017	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-ZSH-013	Vessel V-25001D Hydrogen vent system	Limit Switch	Limit Switch Open	25-BDV-013	123A90-DDL-PR-PID-80018	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-ZSH-014	Vessel V-25001D Hydrogen inlet	Limit Switch	Limit Switch Open	25-XV-014	123A90-DDL-PR-PID-80018	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-ZSH-015	Vessel V-25001D Hydrogen outlet	Limit Switch	Limit Switch Open	25-XV-015	123A90-DDL-PR-PID-80018	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-ZSH-016	Vessel V-25001E Hydrogen vent system	Limit Switch	Limit Switch Open	25-BDV-016	123A90-DDL-PR-PID-80019	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-ZSH-017	Vessel V-25001E Hydrogen inlet	Limit Switch	Limit Switch Open	25-XV-017	123A90-DDL-PR-PID-80019	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-ZSH-018	Vessel V-25001E Hydrogen outlet	Limit Switch	Limit Switch Open	25-XV-018	123A90-DDL-PR-PID-80019	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-ZSH-019	Vessel V-25001F Hydrogen vent system	Limit Switch	Limit Switch Open	25-BDV-019	123A90-DDL-PR-PID-80020	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-ZSH-020	Vessel V-25001F Hydrogen inlet	Limit Switch	Limit Switch Open	25-XV-020	123A90-DDL-PR-PID-80020	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-ZSH-021	Vessel V-25001F Hydrogen outlet	Limit Switch	Limit Switch Open	25-XV-021	123A90-DDL-PR-PID-80020	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-ZSH-022	Hyrogen from vessels outlet header vent system	Limit Switch	Limit Switch Open	25-BDV-022	123A90-DDL-PR-PID-80014	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-ZSH-023	Hyrogen from vessels outlet header shut-down	Limit Switch	Limit Switch Open	25-XV-024	123A90-DDL-PR-PID-80014	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-ZSH-024	Hyrogen to vessels inlet header vent system	Limit Switch	Limit Switch Open	25-SDV-023	123A90-DDL-PR-PID-80013	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-ZSH-031	Nitrogen to V-25001A vessel	Limit Switch	Limit Switch Open	25-FV-031	123A90-DDL-PR-PID-80015	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZSH-032	Nitrogen to V-25001B vessel	Limit Switch	Limit Switch Open	25-FV-032	123A90-DDL-PR-PID-80016	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZSH-033	Nitrogen to V-25001C vessel	Limit Switch	Limit Switch Open	25-FV-033	123A90-DDL-PR-PID-80017	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZSH-034	Nitrogen to V-25001D vessel	Limit Switch	Limit Switch Open	25-FV-034	123A90-DDL-PR-PID-80018	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZSH-035	Vessel V-25001A pressure control	Limit Switch	Limit Switch Open	25-PV-035	123A90-DDL-PR-PID-80015	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZSH-036	Nitrogen to V-25001F vessel	Limit Switch	Limit Switch Open	25-FV-036	123A90-DDL-PR-PID-80020	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZSH-037	Vessel V-25001B pressure control	Limit Switch	Limit Switch Open	25-PV-037	123A90-DDL-PR-PID-80016	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZSH-038	Nitrogen to V-25001E vessel	Limit Switch	Limit Switch Open	25-FV-038	123A90-DDL-PR-PID-80019	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZSH-040	Vessel V-25001C pressure control	Limit Switch	Limit Switch Open	25-PV-040	123A90-DDL-PR-PID-80017	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZSH-043	Vessel V-25001D pressure control	Limit Switch	Limit Switch Open	25-PV-043	123A90-DDL-PR-PID-80018	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZSH-046	Vessel V-25001E pressure control	Limit Switch	Limit Switch Open	25-PV-046	123A90-DDL-PR-PID-80019	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZSH-049	Vessel V-25001F pressure control	Limit Switch	Limit Switch Open	25-PV-049	123A90-DDL-PR-PID-80020	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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25-ZSH-055A	Hyrogen from vessels outlet header pressure control	Limit Switch	Limit Switch Open	25-PV-055A	123A90-DDL-PR-PID-80014	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZSH-055B	Hyrogen from vessels outlet header pressure control	Limit Switch	Limit Switch Open	25-PV-055B	123A90-DDL-PR-PID-80014	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZSL-001	Hyrogen to vessels inlet header shut-down	Limit Switch	Limit Switch Closed	25-SDV-001	123A90-DDL-PR-PID-80013	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-ZSL-004	Vessel V-25001A Hydrogen inlet	Limit Switch	Limit Switch Closed	25-XV-004	123A90-DDL-PR-PID-80015	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-ZSL-005	Vessel V-25001A Hydrogen vent system	Limit Switch	Limit Switch Closed	25-BDV-005	123A90-DDL-PR-PID-80015	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-ZSL-006	Vessel V-25001A Hydrogen outlet	Limit Switch	Limit Switch Closed	25-XV-006	123A90-DDL-PR-PID-80015	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-ZSL-007	Vessel V-25001B Hydrogen vent system	Limit Switch	Limit Switch Closed	25-BDV-007	123A90-DDL-PR-PID-80016	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-ZSL-008	Vessel V-25001B Hydrogen inlet	Limit Switch	Limit Switch Closed	25-XV-008	123A90-DDL-PR-PID-80016	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-ZSL-009	Vessel V-25001B Hydrogen outlet	Limit Switch	Limit Switch Closed	25-XV-009	123A90-DDL-PR-PID-80016	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-ZSL-010	Vessel V-25001C Hydrogen vent system	Limit Switch	Limit Switch Closed	25-BDV-010	123A90-DDL-PR-PID-80017	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-ZSL-011	Vessel V-25001C Hydrogen inlet	Limit Switch	Limit Switch Closed	25-XV-011	123A90-DDL-PR-PID-80017	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-ZSL-012	Vessel V-25001C Hydrogen outlet	Limit Switch	Limit Switch Closed	25-XV-012	123A90-DDL-PR-PID-80017	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-ZSL-013	Vessel V-25001D Hydrogen vent system	Limit Switch	Limit Switch Closed	25-BDV-013	123A90-DDL-PR-PID-80018	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-ZSL-014	Vessel V-25001D Hydrogen inlet	Limit Switch	Limit Switch Closed	25-XV-014	123A90-DDL-PR-PID-80018	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-ZSL-015	Vessel V-25001D Hydrogen outlet	Limit Switch	Limit Switch Closed	25-XV-015	123A90-DDL-PR-PID-80018	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-ZSL-016	Vessel V-25001E Hydrogen vent system	Limit Switch	Limit Switch Closed	25-BDV-016	123A90-DDL-PR-PID-80019	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-ZSL-017	Vessel V-25001E Hydrogen inlet	Limit Switch	Limit Switch Closed	25-XV-017	123A90-DDL-PR-PID-80019	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-ZSL-018	Vessel V-25001E Hydrogen outlet	Limit Switch	Limit Switch Closed	25-XV-018	123A90-DDL-PR-PID-80019	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-ZSL-019	Vessel V-25001F Hydrogen vent system	Limit Switch	Limit Switch Closed	25-BDV-019	123A90-DDL-PR-PID-80020	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-ZSL-020	Vessel V-25001F Hydrogen inlet	Limit Switch	Limit Switch Closed	25-XV-020	123A90-DDL-PR-PID-80020	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-ZSL-021	Vessel V-25001F Hydrogen outlet	Limit Switch	Limit Switch Closed	25-XV-021	123A90-DDL-PR-PID-80020	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-ZSL-022	Hyrogen from vessels outlet header vent system	Limit Switch	Limit Switch Closed	25-BDV-022	123A90-DDL-PR-PID-80014	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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25-ZSL-023	Hyrogen from vessels outlet header shut-down	Limit Switch	Limit Switch Closed	25-SDV-023	123A90-DDL-PR-PID-80014	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-ZSL-024	Hyrogen to vessels inlet header vent system	Limit Switch	Limit Switch Closed	25-XV-024	123A90-DDL-PR-PID-80013	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
25-ZSL-031	Nitrogen to V-25001A vessel	Limit Switch	Limit Switch Closed	25-FV-031	123A90-DDL-PR-PID-80015	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZSL-032	Nitrogen to V-25001B vessel	Limit Switch	Limit Switch Closed	25-FV-032	123A90-DDL-PR-PID-80016	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZSL-033	Nitrogen to V-25001C vessel	Limit Switch	Limit Switch Closed	25-FV-033	123A90-DDL-PR-PID-80017	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZSL-034	Nitrogen to V-25001D vessel	Limit Switch	Limit Switch Closed	25-FV-034	123A90-DDL-PR-PID-80018	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZSL-035	Vessel V-25001A pressure control	Limit Switch	Limit Switch Closed	25-PV-035	123A90-DDL-PR-PID-80015	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZSL-036	Nitrogen to V-25001F vessel	Limit Switch	Limit Switch Closed	25-FV-036	123A90-DDL-PR-PID-80020	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZSL-037	Vessel V-25001B pressure control	Limit Switch	Limit Switch Closed	25-PV-037	123A90-DDL-PR-PID-80016	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZSL-038	Nitrogen to V-25001E vessel	Limit Switch	Limit Switch Closed	25-FV-038	123A90-DDL-PR-PID-80019	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZSL-040	Vessel V-25001C pressure control	Limit Switch	Limit Switch Closed	25-PV-040	123A90-DDL-PR-PID-80017	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZSL-043	Vessel V-25001D pressure control	Limit Switch	Limit Switch Closed	25-PV-043	123A90-DDL-PR-PID-80018	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZSL-046	Vessel V-25001E pressure control	Limit Switch	Limit Switch Closed	25-PV-046	123A90-DDL-PR-PID-80019	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZSL-049	Vessel V-25001F pressure control	Limit Switch	Limit Switch Closed	25-PV-049	123A90-DDL-PR-PID-80020	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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25-ZSL-055A	Hyrogen from vessels outlet header pressure control	Limit Switch	Limit Switch Closed	25-PV-055A	123A90-DDL-PR-PID-80014	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZSL-055B	Hyrogen from vessels outlet header pressure control	Limit Switch	Limit Switch Closed	25-PV-055B	123A90-DDL-PR-PID-80014	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZT-031	Nitrogen to V-25001A vessel	Position Tx	Position Transmitter	25-FV-031	123A90-DDL-PR-PID-80015	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZT-032	Nitrogen to V-25001B vessel	Position Tx	Position Transmitter	25-FV-032	123A90-DDL-PR-PID-80016	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZT-033	Nitrogen to V-25001C vessel	Position Tx	Position Transmitter	25-FV-033	123A90-DDL-PR-PID-80017	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZT-034	Nitrogen to V-25001D vessel	Position Tx	Position Transmitter	25-FV-034	123A90-DDL-PR-PID-80018	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZT-035	Vessel V-25001A pressure control	Position Tx	Position Transmitter	25-PV-035	123A90-DDL-PR-PID-80015	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZT-036	Nitrogen to V-25001F vessel	Position Tx	Position Transmitter	25-FV-036	123A90-DDL-PR-PID-80020	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZT-037	Vessel V-25001B pressure control	Position Tx	Position Transmitter	25-PV-037	123A90-DDL-PR-PID-80016	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZT-038	Nitrogen to V-25001E vessel	Position Tx	Position Transmitter	25-FV-038	123A90-DDL-PR-PID-80019	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZT-040	Vessel V-25001C pressure control	Position Tx	Position Transmitter	25-PV-040	123A90-DDL-PR-PID-80017	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZT-043	Vessel V-25001D pressure control	Position Tx	Position Transmitter	25-PV-043	123A90-DDL-PR-PID-80018	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZT-046	Vessel V-25001E pressure control	Position Tx	Position Transmitter	25-PV-046	123A90-DDL-PR-PID-80019	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZT-049	Vessel V-25001F pressure control	Position Tx	Position Transmitter	25-PV-049	123A90-DDL-PR-PID-80020	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZT-055A	Hyrogen from vessels outlet header pressure control	Position Tx	Position Transmitter	25-PV-055A	123A90-DDL-PR-PID-80014	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
25-ZT-055B	Hyrogen from vessels outlet header pressure control	Position Tx	Position Transmitter	25-PV-055B	123A90-DDL-PR-PID-80014	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
3"-DR-269-01CS-N	DR	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80043	N.A.	N.A.			
3"-DR-270-01CS-N	DR	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80043	N.A.	N.A.			
3"-DR-271-01CS-N	DR	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80043	N.A.	N.A.			
3"-DR-272-01CS-N	DR	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80043	N.A.	N.A.			
3"-DR-273-01CS-N	DR	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80043	N.A.	N.A.			
3"-DR-274-01CS-N	DR	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80043	N.A.	N.A.			
3"-DR-275-01CS-N	DR	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80043	N.A.	N.A.			
3"-DR-276-01CS-N	DR	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80043	N.A.	N.A.			
3"-DR-277-01CS-N	DR	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80043	N.A.	N.A.			
3"-DR-278-01CS-N	DR	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80043	N.A.	N.A.			
3"-DR-279-01CS-N	DR	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80043	N.A.	N.A.			
3"-DR-280-01CS-N	DR	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80043	N.A.	N.A.			
3"-DR-281-01CS-N	DR	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80043	N.A.	N.A.			
3"-DR-282-01CS-N	DR	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80043	N.A.	N.A.			
3"-DR-283-01CS-N	DR	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80043	N.A.	N.A.			
3"-DR-284-01CS-N	DR	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80043	N.A.	N.A.			
3"-DR-285-01CS-N	DR	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80043	N.A.	N.A.			
3"-VL-220-01HSS-N	VL	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80029	N.A.	N.A.			
3"-WW-200-01CS-H	WW	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80026	N.A.	N.A.			
3"-WW-201-01CS-H	WW	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80026	N.A.	N.A.			
4"-DR-267-01CS-N	DR	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80043	N.A.	N.A.			
4"-DR-268-01CS-N	DR	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80043	N.A.	N.A.			
4"-HY-142-03HSS-N	HY	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80015	N.A.	N.A.			
4"-HY-152-01HSS-N	HY	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80012	N.A.	N.A.			
4"-HY-167-03HSS-N	HY	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80016	N.A.	N.A.			
4"-HY-171-03HSS-N	HY	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80017	N.A.	N.A.			
4"-HY-175-03HSS-N	HY	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80018	N.A.	N.A.			
4"-HY-180-03HSS-N	HY	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80019	N.A.	N.A.			
4"-HY-184-03HSS-N	HY	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80020	N.A.	N.A.			
4"-VL-025-01HSS-N	VL	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80015	N.A.	N.A.			
4"-VL-111-01HSS-N	VL	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80016	N.A.	N.A.			
4"-VL-112-01HSS-N	VL	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80017	N.A.	N.A.			

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4"-VL-113-01HSS-N	VL	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80018	N.A.	N.A.			
4"-VL-114-01HSS-N	VL	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80019	N.A.	N.A.			
4"-VL-115-01HSS-N	VL	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80020	N.A.	N.A.			
43-FE-001	Hydrogen from KO DRUM V-43001 to vent stack Q-43004	Flow Element	SensingElement	43-FT-001	123A90-DDL-PR-PID-80029	1724001317	Baker Hughes	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
43-FE-001A	Hydrogen from KO DRUM V-43001 to vent stack Q-43004	Flow Element	SensingElement	43-FT-001	123A90-DDL-PR-PID-80029	1724001317	Baker Hughes	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
43-FE-001B	Hydrogen from KO DRUM V-43001 to vent stack Q-43004	Flow Element	SensingElement	43-FT-001	123A90-DDL-PR-PID-80029	1724001317	Baker Hughes	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
43-FT-001	Hydrogen form KO DRUM V-43001 to vent stack Q-43004	Flow Transmitter	Flow Transmitter	10"-VL-117-01HSS-N	123A90-DDL-PR-PID-80029	1724001317	Baker Hughes	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
43-LT-001	KO DRUM V-43001 high/low level	Level Tx (Dp Type)	Level Transmitter	3"-VL-220-01HSS-N	123A90-DDL-PR-PID-80029	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
43-LT-003	H2 vent Q-43004 low level	Level Tx (Dp Type)	Level Transmitter	Q-43004	123A90-DDL-PR-PID-80029	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
43-PI-001	High pressure alarm	Pressure Indicator	Gauge	43-PT-001	123A90-DDL-PR-PID-80029					
43-PT-001	KO DRUM V-43001 pressure	Pressure Transmitter	Pressure Transmitter	3"-VL-220-01HSS-N	123A90-DDL-PR-PID-80029	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
50-AT-020A	Hydrogen Gas Detector	Gas Detector	EquiInstrument	50-LP-002	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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50-AT-020B	Hydrogen Gas Detector	Gas Detector	EquiInstrument	50-LP-002	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-AT-020C	Hydrogen Gas Detector	Gas Detector	EquiInstrument	50-LP-002	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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50-AT-021A	Smoke Detector	Smoke Detector	EquiInstrument	50-LP-002	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-AT-021B	Smoke Detector	Smoke Detector	EquiInstrument	50-LP-002	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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50-AT-021C	Smoke Detector	Smoke Detector	EquiInstrument	50-LP-002	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-AT-023	Analyzer Transmitter - Conductivity	Analyzer Transmitter	Transmitter	1"-SWS-512-00PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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50-AT-024	Analyzer Transmitter - Conductivity	Analyzer Transmitter	Transmitter	1/2"-DM-528-00PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-AT-026	Analyzer Transmitter - Total Hardness	Analyzer Transmitter	Transmitter	1"-DM-552-00PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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50-AT-027	Analyzer Transmitter - PH	Analyzer Transmitter	Transmitter	1"-DM-552-00PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-FT-020	Seawater flow from H-50001	Flow Transmitter	Flow Transmitter	1.1/2"-SWS-503-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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50-FT-022	Filtered seawater flow from P-50003A	Flow Transmitter	Flow Transmitter	1"-SWS-517-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-FT-023	**Filtered seawater flow from P-50003B**	**Flow Transmitter**	**Flow Transmitter**	**1"-SWS-521-00-PU-N**	**1724000448-PR-PID-00013**	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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50-FT-024	**Fresh water flow from P-50007A**	**Flow Transmitter**	**Flow Transmitter**	**1/2"-DM-528-00-PU-N**	**1724000448-PR-PID-00013**	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-FT-026	**Fresh water flow from S-50010**	**Flow Transmitter**	**Flow Transmitter**	**1"-DM-552-00-PU-N**	**1724000448-PR-PID-00013**	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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50-HS-001	Emergency push button	Push button	EquiInstrument	A-5000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-HS-020	Emergency push button	Push button	EquiInstrument	A-5000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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50-LG-001	Level Gauge for P-50001A	Level Gauge	Gauge	P-50001A		1724000936	PCM Group	-Replace the desiccant pouches.(if storage long term) - Check machined surfaces, and lubricate if necessary(if storage long term)	N/A	Every 6 months - Turn the pump through four or five revolutions using the fan or bearing shaft. If the equipment is used daily, the following should be checked: - Complete leak tightness of the pump (once 6 months). - Tightness of the assembly mounting hardware (port, stator, body, spacer, drive) (once 6 months). - Level of lubricant in the drive, if applicable (once 6 months). - Anchoring (once a year). - Motor current and cleanliness of drive ventilation grid (once 6 months). - Condition of power supply electrical ducts (once a year). - Alignment of the coupling for bearing pumps (once a year).
50-LG-002	Level Gauge for P-50001B	Level Gauge	Gauge	P-50001B		1724000936	PCM Group	-Replace the desiccant pouches.(if storage long term) - Check machined surfaces, and lubricate if necessary(if storage long term)	N/A	Every 6 months - Turn the pump through four or five revolutions using the fan or bearing shaft. If the equipment is used daily, the following should be checked: - Complete leak tightness of the pump (once 6 months). - Tightness of the assembly mounting hardware (port, stator, body, spacer, drive) (once 6 months). - Level of lubricant in the drive, if applicable (once 6 months). - Anchoring (once a year). - Motor current and cleanliness of drive ventilation grid (once 6 months). - Condition of power supply electrical ducts (once a year). - Alignment of the coupling for bearing pumps (once a year).
50-LP-001	Local Control Panel for Water Treatment Package	Cabinet	Cabinet	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-LP-001/B400-NET-001	FTP-LSZH-IS-OS-SWB-LSZH	I&CCable	I&CCable	B400-NET-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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50-LP-002	Local Control Panel for Water Treatment Package	Cabinet	Cabinet	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-LP-002/B400-FGS-002	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
50-LT-020	T-50006 Level	Level Tx	Level Transmitter	T-50006	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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50-LT-021	T-50008 Level	Level Tx	Level Transmitter	T-50008	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-LT-022	T-50002 Level	Level Tx	Level Transmitter	T-50002	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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50-LT-023	T-50003 Level	Level Tx	Level Transmitter	T-50003	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-LT-024	T-50004 Level	Level Tx	Level Transmitter	T-50004	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-PI-001	Low Pressure alarm	Pressure Indicator	Gauge	50-PT-001	123A90-DDL-PR-PID-80021					
50-PI-002	Low Pressure alarm	Pressure Indicator	Gauge	50-PT-002	123A90-DDL-PR-PID-80021					
50-PI-014	High Pressure alarm	Pressure Indicator	Gauge	50-PT-014	123A90-DDL-PR-PID-80025					

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50-PI-022	Seawater pressure to S-50001	Pressure Indicator	Gauge	50-PT-022	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-PI-031	Brine pressure from A-50007A	Pressure Indicator	Gauge	50-PT-031	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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50-PI-033	Brine pressure from A-50007B	Pressure Indicator	Gauge	50-PT-033	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-PI-042	Pressure Gauge	Pressure Indicator	Gauge	50-PT-042	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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50-PI-043	Antiscalant pressure from P-50006A/B	Pressure Indicator	Gauge	50-PT-043	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-PI-044	Biocide pressure from P-50007A/B	Pressure Indicator	Gauge	50-PT-044	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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50-PI-045	Pressure Gauge	Pressure Indicator	Gauge	50-PT-045	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-PI-046	Biocide pressure from P-50010A/B	Pressure Indicator	Gauge	50-PT-046	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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50-PI-048	Sewater pressure outlet A-50003	Pressure Indicator	Gauge	50-PT-048	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-PSV-006	Pressure Safety Valve for P-50001A	Pressure safety valve	PressureSafetyValve	1"-SWS-288-01SD-E	123A90-DDL-PR-PID-80021	1724000936	PCM Group	-Replace the desiccant pouches.(if storage long term) - Check machined surfaces, and lubricate if necessary(if storage long term)	N/A	Every 6 months - Turn the pump through four or five revolutions using the fan or bearing shaft. If the equipment is used daily, the following should be checked: - Complete leak tightness of the pump (once 6 months). - Tightness of the assembly mounting hardware (port, stator, body, spacer, drive) (once 6 months). - Level of lubricant in the drive, if applicable (once 6 months). - Anchoring (once a year). - Motor current and cleanliness of drive ventilation grid (once 6 months). - Condition of power supply electrical ducts (once a year). - Alignment of the coupling for bearing pumps (once a year).
50-PSV-007	Pressure Safety Valve for P-50001B	Pressure safety valve	PressureSafetyValve	1"-SWS-286-01SD-E	123A90-DDL-PR-PID-80021	1724000936	PCM Group	-Replace the desiccant pouches.(if storage long term) - Check machined surfaces, and lubricate if necessary(if storage long term)	N/A	Every 6 months - Turn the pump through four or five revolutions using the fan or bearing shaft. If the equipment is used daily, the following should be checked: - Complete leak tightness of the pump (once 6 months). - Tightness of the assembly mounting hardware (port, stator, body, spacer, drive) (once 6 months). - Level of lubricant in the drive, if applicable (once 6 months). - Anchoring (once a year). - Motor current and cleanliness of drive ventilation grid (once 6 months). - Condition of power supply electrical ducts (once a year). - Alignment of the coupling for bearing pumps (once a year).
50-PSV-011	Safety Valve	Pressure safety valve	PressureSafetyValve	1"-SWS-290-01SD-E	123A90-DDL-PR-PID-80022	1724000518	Technical Srl	-Check of the seat and disc on the plant -Check of the painting condition on the plant	N/A	ONCE 6 MONTHS -Check of the seal outwards in case of back pressure on the plant EVERY 12 MONTHS -Ordinary maintenance of the assembled on the plant, including the seal check and surface check of the movable components. EVERY 24 MONTHS OF OPERATION -General maintenance of the valve removed from the plant including the disassembling, the seat and the disc check, the possible seat and disc lapping, gaskets substitution, painting restoration and inspection on the test bench.

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50-PSV-034	P-50004A suction side protection	Pressure safety valve	PressureSafetyValve	1"-SWS-529-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-PSV-035	A-50007A inlet side protection	Pressure safety valve	PressureSafetyValve	1"-SWS-530-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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50-PSV-036	A-50007A outlet side protection	Pressure safety valve	PressureSafetyValve	1/2"-DM-528-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-PSV-037	P-50004B suction side protection	Pressure safety valve	PressureSafetyValve	1"-SWS-523-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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50-PSV-038	A-50007B inlet side protection	Pressure safety valve	PressureSafetyValve	1"-SWS-531-06-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-PSV-039	A-50007B outlet side protection	Pressure safety valve	PressureSafetyValve	1"-SWS-531-06-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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50-PSV-053	A-50009A/B outlet side protection	Pressure safety valve	PressureSafetyValve	1"-DM-551-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-PT-001	Sea water from pump P-50001A	Pressure Transmitter	Pressure Transmitter	P-50001A	123A90-DDL-PR-PID-80021	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
50-PT-002	Sea water from pump P-50001B	Pressure Transmitter	Pressure Transmitter	P-50001B	123A90-DDL-PR-PID-80021	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
50-PT-014	Water disposal header to caisson B-50014	Pressure Transmitter	Pressure Transmitter	N.A.	123A90-DDL-PR-PID-80025	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
50-PT-020	Seawater inlet pressure	Pressure Transmitter	Pressure Transmitter	N.A.	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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50-PT-025	Filtered seawater pressure from P-50003A	Pressure Transmitter	Pressure Transmitter	N.A.	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-PT-026	Filtered seawater pressure to P-50004A	Pressure Transmitter	Pressure Transmitter	N.A.	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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50-PT-027	Filtered seawater pressure from P-50003B	Pressure Transmitter	Pressure Transmitter	N.A.	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-PT-028	Filtered seawater pressure to P-50004B	Pressure Transmitter	Pressure Transmitter	N.A.	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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50-PT-030	Filtered seawater pressure from P-50004A	Pressure Transmitter	Pressure Transmitter	N.A.	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-PT-032	Filtered seawater pressure from P-50004B	Pressure Transmitter	Pressure Transmitter	N.A.	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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50-PT-041	Fresh water outlet pressure	Pressure Transmitter	Pressure Transmitter	N.A.	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-PT-047	Fresh water pressure from P-50009A/B	Pressure Transmitter	Pressure Transmitter	N.A.	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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50-PT-050	Pressure inlet S-50001	Pressure Transmitter	Pressure Transmitter	N.A.	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-PT-051	Pressure outlet S-50001	Pressure Transmitter	Pressure Transmitter	N.A.	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-RO-001	Sea water recirculation from pump P-50001A	Restriction Orifice	SensingElement	1"-SWS-146-01SD-E	123A90-DDL-PR-PID-80021	1724001690	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
50-RO-002	Sea water recirculation from pump P-50001B	Restriction Orifice	SensingElement	1-1/2"-SWS-033-01SD-E	123A90-DDL-PR-PID-80021	1724001690	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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50-RO-003	Restriction Orifice for Pump P-50001A	Restriction Orifice	SensingElement	P-50001A	123A90-DDL-PR-PID-80021	1724000936	PCM Group	-Replace the desiccant pouches.(if storage long term) - Check machined surfaces, and lubricate if necessary(if storage long term)	N/A	Every 6 months - Turn the pump through four or five revolutions using the fan or bearing shaft. If the equipment is used daily, the following should be checked: - Complete leak tightness of the pump (once 6 months). - Tightness of the assembly mounting hardware (port, stator, body, spacer, drive) (once 6 months). - Level of lubricant in the drive, if applicable (once 6 months). - Anchoring (once a year). - Motor current and cleanliness of drive ventilation grid (once 6 months). - Condition of power supply electrical ducts (once a year). - Alignment of the coupling for bearing pumps (once a year).
50-RO-004	Restriction Orifice for Pump P-50001B	Restriction Orifice	SensingElement	P-50001B	123A90-DDL-PR-PID-80021	1724000936	PCM Group	-Replace the desiccant pouches.(if storage long term) - Check machined surfaces, and lubricate if necessary(if storage long term)	N/A	Every 6 months - Turn the pump through four or five revolutions using the fan or bearing shaft. If the equipment is used daily, the following should be checked: - Complete leak tightness of the pump (once 6 months). - Tightness of the assembly mounting hardware (port, stator, body, spacer, drive) (once 6 months). - Level of lubricant in the drive, if applicable (once 6 months). - Anchoring (once a year). - Motor current and cleanliness of drive ventilation grid (once 6 months). - Condition of power supply electrical ducts (once a year). - Alignment of the coupling for bearing pumps (once a year).
50-TE-001	Sea water from lift pump P-50001A/B	Temp. Element (Pt100)	SensingElement	1-1/2"-SWS-035-01SD-E	123A90-DDL-PR-PID-80022	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
50-TE-002	Water disposal header to caisson B-50014	Temp. Element (Pt100)	SensingElement	1-1/2"-WW-073-01CS-H	123A90-DDL-PR-PID-80025	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
50-TE-020	H-50001 Termperature	Temp. Element (Pt100)	SensingElement	N.A.	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-TT-001	Sea water from lift pump P-50001A/B	Temperature Tx	Temperature Transmitter	1-1/2"-SWS-035-01SD-E	123A90-DDL-PR-PID-80022	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
50-TT-002	Water disposal header to caisson B-50014	Temperature Tx	Temperature Transmitter	1-1/2"-WW-073-01CS-H	123A90-DDL-PR-PID-80025	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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50-TT-021	Seawater temperature from H-50001	Temperature Tx	Temperature Transmitter	1-1/2"-SWS-502-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-TT-022	Seawater temperature from H-50001	Temperature Tx	Temperature Transmitter	1-1/2"-SWS-502-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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50-TT-023	Ambient air temperature inside container	Temperature Tx	Temperature Transmitter	N.A.	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-TT-024	Fresh water outlet temperature	Temperature Tx	Temperature Transmitter	N.A.	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-TW-001	Sea water from lift pump P-50001A/B	Thermowell	Instrument	1-1/2"-SWS-035-01SD-E	123A90-DDL-PR-PID-80022	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
50-TW-002	Water disposal header to caisson B-50014	Thermowell	Instrument	1-1/2"-WW-073-01CS-H	123A90-DDL-PR-PID-80025	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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50-XV-001	Sea water from pump P-50001A	ON/OFF Valve	ActuatedValve	1-1/2"-SWS-031-01SD-E	123A90-DDL-PR-PID-80021	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
50-XV-002	Sea water recirculation from pump P-50001A	ON/OFF Valve	ActuatedValve	1"-SWS-146-01SD-E	123A90-DDL-PR-PID-80021	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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50-XV-003	Sea water from pump P-50001B	ON/OFF Valve	ActuatedValve	1-1/2"-SWS-033-01SD-E	123A90-DDL-PR-PID-80021	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
50-XV-004	Sea water recirculation from pump P-50001B	ON/OFF Valve	ActuatedValve	1"-SWS-147-01SD-E	123A90-DDL-PR-PID-80021	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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50-XV-005	Drain Water discharge to Caisson	ON/OFF Valve	ActuatedValve	1-1/2"-WW-073-01CS-H	123A90-DDL-PR-PID-80025	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
50-XV-020	Seawater Inlet	ON/OFF Valve	ActuatedValve	1.1/2"-SWS-500-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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50-XV-021	P-50003A Suction	ON/OFF Valve	ActuatedValve	1"-SWS-512-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-XV-022	P-50003B Suction	ON/OFF Valve	ActuatedValve	1"-SWS-520-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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50-XV-023	P-50003A Flushing	ON/OFF Valve	ActuatedValve	1"-DM-524-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-XV-024	P-50003B Flushing	ON/OFF Valve	ActuatedValve	1"-DM-525-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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50-XV-025	Fresh water from A-50007A	ON/OFF Valve	ActuatedValve	1/2"-DM-528-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-XV-026	Fresh water drain from A-50007A	ON/OFF Valve	ActuatedValve	1/2"-SWS-601-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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50-XV-027	Brine from A-50007A	ON/OFF Valve	ActuatedValve	1/2"-CB-536-XX-SD-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-XV-030	Brine from A-50007B	ON/OFF Valve	ActuatedValve	1/2"-CB-541-06-SD-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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50-XV-031	Fresh water outlet S-50004	ON/OFF Valve	ActuatedValve	1"-DM-552-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-XV-032	Fresh water off spec outlet S-50004	ON/OFF Valve	ActuatedValve	1/2"-SWR-XXX-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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50-XV-033	Automatic Valve	ON/OFF Valve	ActuatedValve	1/2"-WW-606-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-XV-034	Automatic Valve	ON/OFF Valve	ActuatedValve	1"-SWS-513-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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50-XV-035	Automatic Valve	ON/OFF Valve	ActuatedValve	1"-SWR-555-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
50-XY-001	Sea water from pump P-50001A	Solenoid Valve	Solenoid	1-1/2"-SWS-031-01SD-E	123A90-DDL-PR-PID-80021	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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50-XY-002	Sea water recirculation from pump P-50001A	Solenoid Valve	Solenoid	1"-SWS-146-01SD-E	123A90-DDL-PR-PID-80021	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
50-XY-003	Sea water from pump P-50001B	Solenoid Valve	Solenoid	1-1/2"-SWS-033-01SD-E	123A90-DDL-PR-PID-80021	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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50-XY-004	Sea water recirculation from pump P-50001B	Solenoid Valve	Solenoid	1"-SWS-147-01SD-E	123A90-DDL-PR-PID-80021	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
50-XY-005	Drain Water discharge to Caisson	Solenoid Valve	Solenoid	1-1/2"-WW-073-01CS-H	123A90-DDL-PR-PID-80025	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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50-ZSH-001	Sea water from pump P-50001A	Limit Switch	Limit Switch Open	50-XV-001	123A90-DDL-PR-PID-80021	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
50-ZSH-002	Sea water recirculation from pump P-50001A	Limit Switch	Limit Switch Open	50-XV-002	123A90-DDL-PR-PID-80021	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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50-ZSH-003	Sea water from pump P-50001B	Limit Switch	Limit Switch Open	50-XV-003	123A90-DDL-PR-PID-80021	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
50-ZSH-004	Sea water recirculation from pump P-50001B	Limit Switch	Limit Switch Open	50-XV-004	123A90-DDL-PR-PID-80021	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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50-ZSH-005	Drain Water discharge to Caisson	Limit Switch	Limit Switch Open	50-XV-005	123A90-DDL-PR-PID-80025	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
50-ZSL-001	Sea water from pump P-50001A	Limit Switch	Limit Switch Closed	50-XV-001	123A90-DDL-PR-PID-80021	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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50-ZSL-002	Sea water recirculation from pump P-50001A	Limit Switch	Limit Switch Closed	50-XV-002	123A90-DDL-PR-PID-80021	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
50-ZSL-003	Sea water from pump P-50001B	Limit Switch	Limit Switch Closed	50-XV-003	123A90-DDL-PR-PID-80021	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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50-ZSL-004	Sea water recirculation from pump P-50001B	Limit Switch	Limit Switch Closed	50-XV-004	123A90-DDL-PR-PID-80021	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
50-ZSL-005	Drain Water discharge to Caisson	Limit Switch	Limit Switch Closed	50-XV-005	123A90-DDL-PR-PID-80025	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
55-LIT-001	Vessel T-55001 level	Level Tx (Radar)	Level Transmitter	T-55001	123A90-DDL-PR-PID-80026	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
5W2.1	Multi Core- Stranded Copper-XLPE-LSZH-Tin Cu Braided Screen pur Jacket-Flame Retardant	PowerCable	PowerCable	N.A.	N.A.					
6"-VL-010-01HSS-N	VL	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80012	N.A.	N.A.			
6"-VL-145-01HSS-N	VL	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80015	N.A.	N.A.			
6"-VL-168-01HSS-N	VL	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80016	N.A.	N.A.			
6"-VL-172-01HSS-N	VL	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80017	N.A.	N.A.			
6"-VL-176-01HSS-N	VL	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80018	N.A.	N.A.			
6"-VL-181-01HSS-N	VL	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80019	N.A.	N.A.			
6"-VL-185-01HSS-N	VL	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80020	N.A.	N.A.			

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63-LP-001	Instrument Air Package Control Panel	Cabinet	Cabinet	A-63000	1724000428-PR-PID-00019	1724000428	Coes	Each 6 months check the conditions of the packing: if damaged proceed with replacing -Keep closed all battery limit connections with blind flanges or plugs (supplied with the package), to avoid that humidity, dust or atmospheric pollution enter into the component of the package. -Keep closed all vent and drain valves and all electrical connections. Every 6 month it is suggested to carry out site inspection as per following checklist: -Check that all manual vent and drain valves are closed. - Check that all blind flanges (if any) are closed and correctly tightened: install the flanges and tighten the stud bolts, if necessary. - Check that all terminal boxes are closed and that the internal is clean from sand or dust and that no dew is detected: clean, close of replace them, if necessary. - Check that all instruments, valves are not damaged: replace them, if necessary. - Check that all tubing is properly connected: tighten compression fittings, if necessary	N/A	N/A
63-LP-001/B400-NET-001	FTP-LSZH-IS-OS-SWB-LSZH	I&CCable	I&CCable	B400-NET-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
63-PI-001	Suction	Pressure Indicator	Gauge	63-PT-001	123A90-DDL-PR-PID-80027					
63-PI-002	Discharge	Pressure Indicator	Gauge	63-PT-002	123A90-DDL-PR-PID-80027					
63-PI-003	Low Pressure alarm	Pressure Indicator	Gauge	63-PT-003	123A90-DDL-PR-PID-80027					
63-PI-004	Low Low pressure alarm	Pressure Indicator	Gauge	63-PT-004	123A90-DDL-PR-PID-80027					
63-PT-003	Instrument air to distribution header	Pressure Transmitter	Pressure Transmitter	1-1/2"-IA-108-01SS-N	123A90-DDL-PR-PID-80027	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
63-PT-004	Instrument air to distribution header low pressure	Pressure Transmitter	Pressure Transmitter	1-1/2"-IA-108-01SS-N	123A90-DDL-PR-PID-80027	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
64-FG-001	Nitrogen to hydrogen vent header	Variable Area Flow Meter	Instrument	1"-N-101-01CS-N	123A90-DDL-PR-PID-80028	1724000791	Brooks Instrument	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
64-LP-001	Nitrogen System Control Panel	Cabinet	Cabinet	A-64000	1724000437-PR-PID-00018	1724000437	Coes	Each 6 months check the conditions of the packing: if damaged proceed with replacing -Keep closed all battery limit connections with blind flanges or plugs (supplied with the package), to avoid that humidity, dust or atmospheric pollution enter into the component of the package. -Keep closed all vent and drain valves and all electrical connections. Every 6 month it is suggested to carry out site inspection as per following checklist: -Check that all manual vent and drain valves are closed. - Check that all blind flanges (if any) are closed and correctly tightened: install the flanges and tighten the stud bolts, if necessary. - Check that all terminal boxes are closed and that the internal is clean from sand or dust and that no dew is detected: clean, close of replace them, if necessary. - Check that all instruments, valves are not damaged: replace them, if necessary. - Check that all tubing is properly connected: tighten compression fittings, if necessary	N/A	N/A
64-LP-001/B400-NET-001	FTP-LSZH-IS-OS-SWB-LSZH	I&CCable	I&CCable	B400-NET-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
64-PG-031A	Nitrogen pressure control to distribution header	Pressure Gauge	Gauge	64-PV-031A	123A90-DDL-PR-PID-80027	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
64-PG-031B	Nitrogen pressure control to distribution header	Pressure Gauge	Gauge	64-PV-031B	123A90-DDL-PR-PID-80027	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
64-PI-002	Low Low pressure alarm	Pressure Indicator	Gauge	64-PT-002	123A90-DDL-PR-PID-80027					

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64-PSV-001	Nitrogen to distribution header vent system	Pressure safety valve	PressureSafetyValve	1-1/2"-N-197-01CS-N	123A90-DDL-PR-PID-80027	1724000518	Technical Srl	-Check of the seat and disc on the plant -Check of the painting condition on the plant	N/A	ONCE 6 MONTHS -Check of the seal outwards in case of back pressure on the plant EVERY 12 MONTHS -Ordinary maintenance of the assembled on the plant, including the seal check and surface check of the movable components. EVERY 24 MONTHS OF OPERATION -General maintenance of the valve removed from the plant including the disassembling, the seat and the disc check, the possible seat and disc lapping, gaskets substitution, painting restoration and inspection on the test bench.
64-PSV-031A	Nitrogen pressure control to distribution header	Pressure safety valve	PressureSafetyValve	64-PV-031A	123A90-DDL-PR-PID-80027	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
64-PSV-031B	Nitrogen pressure control to distribution header	Pressure safety valve	PressureSafetyValve	64-PV-031B	123A90-DDL-PR-PID-80027	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
64-PT-002	Nitrogen to distribution header low pressure	Pressure Transmitter	Pressure Transmitter	1"-N-100-01CS-N	123A90-DDL-PR-PID-80027	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
64-PT-031A	Nitrogen pressure control to distribution header	Pressure Transmitter	Pressure Transmitter	1"-N-100-01CS-N	123A90-DDL-PR-PID-80027	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
64-PT-031B	Nitrogen pressure control to distribution header	Pressure Transmitter	Pressure Transmitter	1"-N-100-01CS-N	123A90-DDL-PR-PID-80027	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
64-PV-031A	Nitrogen pressure control to distribution header	Control Valve	CriticalControlValve	1"-N-158-01CS-N	123A90-DDL-PR-PID-80027	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
64-PV-031B	Nitrogen pressure control to distribution header	Control Valve	CriticalControlValve	1"-N-158-01CS-N	123A90-DDL-PR-PID-80027	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
64-PY-031A	Nitrogen pressure control to distribution header	Electropositioner	Instrument	64-PV-031A	123A90-DDL-PR-PID-80027	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
64-PY-031B	Nitrogen pressure control to distribution header	Electropositioner	Instrument	64-PV-031B	123A90-DDL-PR-PID-80027	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
64-SDV-001	Nitrogen to distribution header shut-down	ON/OFF Valve	ActuatedValve	1"-N-257-03HSS-N	123A90-DDL-PR-PID-80027	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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64-SDY-001	Nitrogen to distribution header shut-down	Solenoid Valve	Solenoid	1"-N-257-03HSS-N	123A90-DDL-PR-PID-80027	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
64-SV-031A	Nitrogen pressure control to distribution header	Control Valve component	Filter	64-PV-031A	123A90-DDL-PR-PID-80027	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
64-SV-031B	Nitrogen pressure control to distribution header	Control Valve component	Filter	64-PV-031B	123A90-DDL-PR-PID-80027	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
64-ZSH-001	Nitrogen to distribution header shut-down	Limit Switch	Limit Switch Open	64-SDV-001	123A90-DDL-PR-PID-80027	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
64-ZSH-031A	Nitrogen pressure control to distribution header	Limit Switch	Limit Switch Open	64-PV-031A	123A90-DDL-PR-PID-80027	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
64-ZSH-031B	Nitrogen pressure control to distribution header	Limit Switch	Limit Switch Open	64-PV-031B	123A90-DDL-PR-PID-80027	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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64-ZSL-001	Nitrogen to distribution header shut-down	Limit Switch	Limit Switch Closed	64-SDV-001	123A90-DDL-PR-PID-80027	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
64-ZSL-031A	Nitrogen pressure control to distribution header	Limit Switch	Limit Switch Closed	64-PV-031A	123A90-DDL-PR-PID-80027	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
64-ZSL-031B	Nitrogen pressure control to distribution header	Limit Switch	Limit Switch Closed	64-PV-031B	123A90-DDL-PR-PID-80027	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
64-ZT-031A	Nitrogen pressure control to distribution header	Position Tx	Position Transmitter	64-PV-031A	123A90-DDL-PR-PID-80027	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
64-ZT-031B	Nitrogen pressure control to distribution header	Position Tx	Position Transmitter	64-PV-031B	123A90-DDL-PR-PID-80027	1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
6W2.1	Multi Core- Stranded Copper-XLPE-LSZH-Tin Cu Braided Screen pur Jacket-Flame Retardant	PowerCable	PowerCable	N.A.	N.A.					
72201-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EML-200-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
72202-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EML-200-02	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
72203-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200F2-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
72204-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EOL-200-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
72205-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EOL-200-02	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
72207-CEC	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EPH-200-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
72208-CEC	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	CB-200F2	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
72209-CEC	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ETM-200-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
72210-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ESL-200-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
72211-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200F2-02	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
72212-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EOL-200-03	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
72213-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EOL-200-04	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
72214-CEL-N	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	CB-200F2	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
72214-CEL-P	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	CB-200F2	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
72215-CEL-N	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	BA-200F2	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
72215-CEL-P	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	BA-200F2	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
72217-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	EVM-200-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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77-HS-001A	Hand Switch	Hand switch	Instrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
77-HS-001B	Hand Switch	Hand switch	Instrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
77-HS-002A	Hand Switch	Hand switch	Instrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
77-HS-002B	Hand Switch	Hand switch	Instrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
77-HS-003A	Hand Switch	Hand switch	Instrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
77-HS-003B	Hand Switch	Hand switch	Instrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
77-HS-004A	Proximity Switch	Hand switch	Instrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
77-HS-004B	Hand Switch	Hand switch	Instrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
77-HS-005A	Hand Switch	Hand switch	Instrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
77-HS-005B	Hand Switch	Hand switch	Instrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
77-HS-006A	Hand Switch	Hand switch	Instrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
77-HS-006B	Hand Switch	Hand switch	Instrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
77-HS-007A	Hand Switch	Hand switch	Instrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
77-HS-007B	Hand Switch	Hand switch	Instrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
77-HS-008A	Hand Switch	Hand switch	Instrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
77-HS-008B	Hand Switch	Hand switch	Instrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
77-HS-009A	Hand Switch	Hand switch	Instrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
77-HS-009B	Hand Switch	Hand switch	Instrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
77-HS-010A	Hand Switch	Hand switch	Instrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
77-HS-010B	Hand Switch	Hand switch	Instrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
77-HS-011A	Hand Switch	Hand switch	Instrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
77-HS-011B	Hand Switch	Hand switch	Instrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
77-HS-012A	Hand Switch	Hand switch	Instrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
77-HS-012B	Hand Switch	Hand switch	Instrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
77-HS-013A	Hand Switch	Hand switch	Instrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
77-HS-013B	Hand Switch	Hand switch	Instrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
77-HS-014A	Hand Switch	Hand switch	Instrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
77-HS-014B	Hand Switch	Hand switch	Instrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
77-HS-015A	Hand Switch	Hand switch	Instrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
77-HS-015B	Hand Switch	Hand switch	Instrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
77-HS-016A	Hand Switch	Hand switch	Instrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
77-HS-016B	Hand Switch	Hand switch	Instrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
77-ZSL-001	F&G Damper close signal	Limit switch closed	Instrument	HFD-77001		1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
77-ZSL-002	F&G Damper close signal	Limit switch closed	Instrument	HFD-77002		1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A

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77-ZSL-003	F&G Damper close signal	Limit switch closed	Instrument	HFD-77003		1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
77-ZSL-004	F&G Damper close signal	Limit switch closed	Instrument	HFD-77004		1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
77-ZSL-005	F&G Damper close signal	Limit switch closed	Instrument	HFD-77005		1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
77-ZSL-006	F&G Damper close signal	Limit switch closed	Instrument	HFD-77006		1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
77-ZSL-007	F&G Damper close signal	Limit switch closed	Instrument	HFD-77007		1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A

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77-ZSL-008	F&G Damper close signal	Limit switch closed	Instrument	HFD-77008		1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
77-ZSL-009	F&G Damper close signal	Limit switch closed	Instrument	HFD-77009		1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
77-ZSL-010	F&G Damper close signal	Limit switch closed	Instrument	HFD-77010		1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
77-ZSL-011	F&G Damper close signal	Limit switch closed	Instrument	HFD-77011		1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
77-ZSL-012	F&G Damper close signal	Limit switch closed	Instrument	HFD-77012		1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A

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77-ZSL-013	F&G Damper close signal	Limit switch closed	Instrument	HFD-77013		1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
77-ZSL-014	F&G Damper close signal	Limit switch closed	Instrument	HFD-77014		1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
77-ZSL-015	F&G Damper close signal	Limit switch closed	Instrument	HFD-77015		1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
77-ZSL-016	F&G Damper close signal	Limit switch closed	Instrument	HFD-77016		1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
7WD3	Stranded Copper-XLPE-Cu-LSZH-Flame Retardant	PowerCable	PowerCable	N.A.	N.A.					
7WD6.1	Stranded Copper-XLPE-Cu-LSZH-Flame Retardant	PowerCable	PowerCable	N.A.	N.A.					
8"-DR-266-01CS-N	DR	Pipe	Pipe	N.A.	123A90-DDL-PR-PID-80043	N.A.	N.A.			
80-PI-002	High High pressure alarm	Pressure Indicator	Gauge	80-PT-002	123A90-DDL-PR-PID-80012					
80-PSV-001	Hyrogen storage to A-80000 Package discharge	Pressure safety valve	PressureSafetyValve	4"-HY-152-01HSS-N	123A90-DDL-PR-PID-80012	1724000518	Technical Srl	-Check of the seat and disc on the plant -Check of the painting condition on the plant	N/A	ONCE 6 MONTHS -Check of the seal outwards in case of back pressure on the plant EVERY 12 MONTHS -Ordinary maintenance of the assembled on the plant, including the seal check and surface check of the movable components. EVERY 24 MONTHS OF OPERATION -General maintenance of the valve removed from the plant including the disassembling, the seat and the disc check, the possible seat and disc lapping, gaskets substitution, painting restoration and inspection on the test bench.
80-PT-002	Hyrogen storage to A-80000 Package	Pressure Transmitter	Pressure Transmitter	N.A.	123A90-DDL-PR-PID-80012	1724000979	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
80-RO-001	Hyrogen storage to A-80000 Package vent system	Restriction Orifice	SensingElement	1"-HY-163-01HSS-N	123A90-DDL-PR-PID-80012	1724001690	Terranova Srl	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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80-UCP-001	Unit Control Panel for Fuell Cell Package	Cabinet	Cabinet	A-80000	N.A.					
80-UCP-001/B400-FGS-002	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
80-UCP-001/B400-NET-001.01	FTP-LSZH-IS-OS-SWB-LSZH	I&CCable	I&CCable	B400-NET-001.01	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
80-UCP-001/B400-NET-001.02	FTP-LSZH-IS-OS-SWB-LSZH	I&CCable	I&CCable	B400-NET-001.02	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
80-XV-001	Hyrogen storage to A-80000 Package vent system	ON/OFF Valve	ActuatedValve	1"-HY-163-01HSS-N	123A90-DDL-PR-PID-80012	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
80-XY-001	Hyrogen storage to A-80000 Package vent system	Solenoid Valve	Solenoid	1"-HY-163-01HSS-N	123A90-DDL-PR-PID-80012	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A

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80-ZSH-001	Hyrogen storage to A-80000 Package vent system	Limit Switch	Limit Switch Open	80-XV-001	123A90-DDL-PR-PID-80012	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
80-ZSL-001	Hyrogen storage to A-80000 Package vent system	Limit Switch	Limit Switch Closed	80-XV-001	123A90-DDL-PR-PID-80012	1724000204	Fluitek Orsenigo Valves	- External surface inspection checking any alteration of the protective coating. -In case of presence of rust and/or damaged paint work, the area should be wire brushed and degreased using an appropriate chemical solvent) -Inspection of the protective coating. (In case of damages it should be restored following the instructions given by Fluitek Orsenigo Valves according to the painting cycle used by the factory) -Removal of the end protection plugs and without moving the ball, inspection of the internal surfaces of the valve for the complete absence of dust, rust, foreign matter and the integrity of lubricant coat - Cleaning and lubricating of the internal parts (best done using a nebulised lubricant) - After cleaning and lubrication, rotate the ball by completely opening and closing the valve. - The ball must be generally kept in the fully open position except that ball valves equipped with fail to close actuators are necessarily kept in the open position. In no case the ball should be kept in an intermediate position. • Replace the protective end plugs.	N/A	N/A
81001-CEC	Stranded Cu-XLPE-Cu Braid Screen-LSZH-Flame Retardant	PowerCable	PowerCable	CP-100E1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
81001-CEH-L1	Cu-EPR-CWB	PowerCable	PowerCable	HNA6-AFA70	N.A.	1724002000	HVS Solution - Reynard	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
81001-CEH-L2	Cu-EPR-CWB	PowerCable	PowerCable	HNA6-AFA70	N.A.	1724002000	HVS Solution - Reynard	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
81001-CEH-L3	Cu-EPR-CWB	PowerCable	PowerCable	HNA6-AFA70	N.A.	1724002000	HVS Solution - Reynard	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
81002-CEC	Stranded Cu-XLPE-Cu Braid Screen-LSZH-Flame Retardant	PowerCable	PowerCable	CP-100E1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
81002-CEH-L1	Cu-EPR-CWB	PowerCable	PowerCable	TR-100AD1	N.A.	1724002000	HVS Solution - Reynard	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
81002-CEH-L2	Cu-EPR-CWB	PowerCable	PowerCable	TR-100AD1	N.A.	1724002000	HVS Solution - Reynard	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
81002-CEH-L3	Cu-EPR-CWB	PowerCable	PowerCable	TR-100AD1	N.A.	1724002000	HVS Solution - Reynard	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
81003-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	SG-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
81004-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	SG-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
81005-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	SG-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
81006-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	SG-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
81007-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	SG-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
81008-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	SG-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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81012-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	SG-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
81013-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	SG-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82001-CEC	Stranded Cu-XLPE-Cu Braid Screen-LSZH-Flame Retardant	PowerCable	PowerCable	CP-100E1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82001-CEM-1-L1	Cu-EPR-CTS-CWB-LSZH-Flame Retardant	PowerCable	PowerCable	SG-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82001-CEM-1-L2	Cu-EPR-CTS-CWB-LSZH-Flame Retardant	PowerCable	PowerCable	SG-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82001-CEM-1-L3	Cu-EPR-CTS-CWB-LSZH-Flame Retardant	PowerCable	PowerCable	SG-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82001-CEM-1-N	Cu-EPR-CTS-CWB-LSZH-Flame Retardant	PowerCable	PowerCable	RR-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82001-CEM-2-L1	Cu-EPR-CTS-CWB-LSZH-Flame Retardant	PowerCable	PowerCable	SG-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82001-CEM-2-L2	Cu-EPR-CTS-CWB-LSZH-Flame Retardant	PowerCable	PowerCable	SG-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82001-CEM-2-L3	Cu-EPR-CTS-CWB-LSZH-Flame Retardant	PowerCable	PowerCable	SG-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82001-CEM-2-N	Cu-EPR-CTS-CWB-LSZH-Flame Retardant	PowerCable	PowerCable	EB01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82002-CEC	Stranded Cu-XLPE-Cu Braid Screen-LSZH-Flame Retardant	PowerCable	PowerCable	CP-100E3	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82002-CEM-1-L1	Cu-EPR-CTS-CWB-LSZH-Flame Retardant	PowerCable	PowerCable	TR-200DE1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82002-CEM-1-L2	Cu-EPR-CTS-CWB-LSZH-Flame Retardant	PowerCable	PowerCable	TR-200DE1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82002-CEM-1-L3	Cu-EPR-CTS-CWB-LSZH-Flame Retardant	PowerCable	PowerCable	TR-200DE1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82003-CEM-1-L1	Cu-EPR-CTS-CWB-LSZH-Flame Retardant	PowerCable	PowerCable	TA30	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82003-CEM-1-L2	Cu-EPR-CTS-CWB-LSZH-Flame Retardant	PowerCable	PowerCable	TA30	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82003-CEM-1-L3	Cu-EPR-CTS-CWB-LSZH-Flame Retardant	PowerCable	PowerCable	TA30	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82004-CEM-1-L1	Cu-EPR-CTS-CWB-LSZH-Flame Retardant	PowerCable	PowerCable	T4	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82004-CEM-1-L2	Cu-EPR-CTS-CWB-LSZH-Flame Retardant	PowerCable	PowerCable	T4	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82004-CEM-1-L3	Cu-EPR-CTS-CWB-LSZH-Flame Retardant	PowerCable	PowerCable	T4	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82005-CEM-1-L1	Cu-EPR-CTS-CWB-LSZH-Flame Retardant	PowerCable	PowerCable	18T1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82005-CEM-1-L2	Cu-EPR-CTS-CWB-LSZH-Flame Retardant	PowerCable	PowerCable	18T1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82005-CEM-1-L3	Cu-EPR-CTS-CWB-LSZH-Flame Retardant	PowerCable	PowerCable	18T1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82006-CEC	Stranded Cu-XLPE-Cu Braid Screen-LSZH-Flame Retardant	PowerCable	PowerCable	P320PLC	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82006-CEM-1-L1	Cu-EPR-CTS-CWB-LSZH-Flame Retardant	PowerCable	PowerCable	TR-200ED1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82006-CEM-1-L2	Cu-EPR-CTS-CWB-LSZH-Flame Retardant	PowerCable	PowerCable	TR-200ED1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82006-CEM-1-L3	Cu-EPR-CTS-CWB-LSZH-Flame Retardant	PowerCable	PowerCable	TR-200ED1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82007-CEC	Stranded Cu-XLPE-Cu Braid Screen-LSZH-Flame Retardant	PowerCable	PowerCable	P320PLC	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82008-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	SG-200D2	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82010-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	CP-100E1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82011-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	CP-100E1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82012-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	CP-100E1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82013-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	SG-200N1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82014-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	SG-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
82015-CEC	Stranded Cu-XLPE-Cu Braid Screen-LSZH-Flame Retardant	PowerCable	PowerCable	CP-200E1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83001-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	SG-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83001-CEL-1-E	Stranded Cu-Y/G-LSZH-Flame Retardant	PowerCable	PowerCable	TR-200DE1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83001-CEL-1-L1	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	SG-200N1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83001-CEL-1-L2	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	SG-200N1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83001-CEL-1-L3	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	SG-200N1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83001-CEL-1-N	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	SG-200N1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83001-CEL-2-E	Stranded Cu-Y/G-LSZH-Flame Retardant	PowerCable	PowerCable	TR-200DE1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83001-CEL-2-L1	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	SG-200N1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83001-CEL-2-L2	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	SG-200N1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83001-CEL-2-L3	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	SG-200N1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83001-CEL-2-N	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	SG-200N1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83001-CEL-3-L1	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	SG-200N1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83001-CEL-3-L2	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	SG-200N1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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83001-CEL-3-L3	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	SG-200N1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83001-CEL-3-N	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	SG-200N1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83001-CEL-4-L1	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	SG-200N1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83001-CEL-4-L2	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	SG-200N1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83001-CEL-4-L3	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	SG-200N1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83001-CEL-5-L1	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	SG-200N1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83001-CEL-5-L2	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	SG-200N1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83001-CEL-5-L3	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	SG-200N1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83002-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	SG-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83002-CEL-L1	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	SG-200D2	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83002-CEL-L2	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	SG-200D2	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83002-CEL-L3	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	SG-200D2	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83003-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	SG-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83003-CEL-L1	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	TR-200ED1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83003-CEL-L2	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	TR-200ED1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83003-CEL-L3	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	TR-200ED1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83004-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	SG-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83005-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	SG-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83006-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	SG-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83010-CEL-E	Stranded Cu-Y/G-LSZH-Flame Retardant	PowerCable	PowerCable	JB-200E2	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83010-CEL-L1	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	JB-200E2	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83010-CEL-L2	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	JB-200E2	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83010-CEL-L3	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	JB-200E2	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83010-CEL-N	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	JB-200E2	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83011-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	SG-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83011-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	CP-850E3	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83012-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	SG-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83012-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	A-80000	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83013-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	SG-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83013-CEL-E	Stranded Cu-Y/G-LSZH-Flame Retardant	PowerCable	PowerCable	A-20000	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83013-CEL-L1	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	A-20000	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83013-CEL-L2	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	A-20000	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83013-CEL-L3	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	A-20000	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83013-CEL-N	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	A-20000	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83014-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	SG-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83014-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	CP-850E1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83015-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	SG-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83015-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	CP-850E2	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83016-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	SG-200N1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83016-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	JB-500E8	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83017-CEL-1	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	K-63001-A.L1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83017-CEL-2	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	K-63001-B.L1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83018-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	PM-50001A	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83019-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	PM-50001B	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83020-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	JB-200E3	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83021-CEL-01	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ESW-200N1-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83021-CEL-02	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ESW-200N1-02	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83022-CEL-01	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ESW-200N2-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83022-CEL-02	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ESW-200N2-02	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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83023-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	B100-HSB-001	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83024-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	B200-HSB-001	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83025-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	B300-HSB-001	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83026-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	B400-HSB-001	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83027-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	CN-200N1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83028-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	UP-200F3	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83029-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	UP-200F3	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83030-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	UP-200F3	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83031-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	UP-200F4	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83032-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	UP-200F4	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83033-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	UP-200F4	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83034-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	UP-200F1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83035-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	UP-200F1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83036-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	NC-200F2	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83037-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	NC-200F2	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83043-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	DP-200N1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83104-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	B400-SIS-001	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83105-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	B400-PCS-001	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83106-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	B400-EMCS-001	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83107-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	B400-FGS-001	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83108-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	B400-NET-001	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83109-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	B400-SRV-001	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83110-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	CP-630E1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83111-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	CP-640E1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83112-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	CP-100E2	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83113-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	CP-100E3	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83114-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	CP-100E4	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83115-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	RR-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83116-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	CP-200E1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83117-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	CP-200E2	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83118-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	CP-100E1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83119-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	SG-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83120-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	SG-200N1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83121-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	SG-200D2	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83122-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	UP-200F3	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83123-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	UP-200F4	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83124-CEL	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	UP-200F1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83125-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	SG-200N1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83126-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	SG-200N1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
83127-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	SG-200N1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84101-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	CP-100E1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84102-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	CP-100E1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84103-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	SG-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84104-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	SG-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84110-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	BC-200F1A	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84111-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	BC-200F1B	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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84111-CEL-1-N	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	CB-200F1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84111-CEL-1-P	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	CB-200F1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84111-CEL-2-N	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	BA-200F1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84111-CEL-2-P	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	BA-200F1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84301-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	B400-SIS-001	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84302-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	B400-SIS-001	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84303-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	B400-PCS-001	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84304-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	B400-PCS-001	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84305-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	B400-EMCS-001	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84306-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	B400-EMCS-001	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84307-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	B400-SRV-001	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84308-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	B400-SRV-001	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84311-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	CP-630E1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84312-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	CP-640E1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84313-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	JB-500F8	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84314-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	B100-HSB-001	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84315-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	B200-HSB-001	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84316-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	B300-HSB-001	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84317-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	B400-HSB-001	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84318-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	SG-200N1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84319-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	SG-200D2	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84330-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	BC-200F3A	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84331-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	BC-200F3B	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84331-CEL-1-N	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	CB-200F3A	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84331-CEL-1-P	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	CB-200F3A	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84331-CEL-2-N	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	BA-200F3A	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84331-CEL-2-P	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	BA-200F3A	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84332-CEL-1-N	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	CB-200F3B	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84332-CEL-1-P	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	CB-200F3B	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84332-CEL-2-N	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	BA-200F3B	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84332-CEL-2-P	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	BA-200F3B	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84401-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	B400-FGS-001	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84402-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	B400-FGS-001	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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84403-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	B400-NET-001	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84404-CEL	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	B400-NET-001	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84410-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	BC-200F4A	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84411-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	BC-200F4B	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84411-CEL-1-N	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	CB-200F4A	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84411-CEL-1-P	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	CB-200F4A	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84411-CEL-2-N	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	BA-200F4A	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84411-CEL-2-P	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	BA-200F4A	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84412-CEL-1-N	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	CB-200F4B	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84412-CEL-1-P	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	CB-200F4B	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84412-CEL-2-N	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	BA-200F4B	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
84412-CEL-2-P	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	BA-200F4B	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
85001-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	SG-100D1	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
85001-CEL-1-E	Stranded Cu-Y/G-LSZH-Flame Retardant	PowerCable	PowerCable	P320PLC	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
85001-CEL-2-E	Stranded Cu-Y/G-LSZH-Flame Retardant	PowerCable	PowerCable	P320PLC	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
85002-CEC	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	P320PLC	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-ASD-01101	FZ-01 abandon shutdown (ASD)	Push button DPDT contact	EquiInstrument	50-FY-001		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-ASD-03101	**FZ-03 abandon shutdown (ASD)**	**Push button DPDT contact**	**EquiInstrument**	**N.A.**		**1724000821**	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-ASD-04101	FZ-04 abandon shutdown (ASD)	Push button DPDT contact	EquiInstrument	50-FY-002		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-ASD-06101	FZ-06 abandon shutdown (ASD)	Push button DPDT contact	EquiInstrument	50-FY-005A		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-ASD-07101	FZ-07 abandon shutdown (ASD)	Push button DPDT contact	EquiInstrument	50-FY-003		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-ESD-01101	FZ-01 emergency shut down (ESD)	Push button DPDT contact	EquiInstrument	50-LY-006A		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-ESD-03101	FZ-03 emergency shut down (ESD)	Push button DPDT contact	EquiInstrument	50-LY-007A		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-ESD-04101	FZ-04 emergency shut down (ESD)	Push button DPDT contact	EquiInstrument	50-LY-006B		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-ESD-06101	FZ-06 emergency shut down (ESD)	Push button DPDT contact	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-ESD-07101	FZ-07 emergency shut down (ESD)	Push button DPDT contact	EquiInstrument	50-LY-007A		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-ESDD-01101	FZ-01 depress. emergency shut down (ESDD)	Push button DPDT contact	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-ESDD-03101	FZ-03 depress. emergency shut down (ESDD)	Push button DPDT contact	EquiInstrument	50-FY-005A		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-ESDD-04101	FZ-04 depress. emergency shut down (ESDD)	Push button DPDT contact	EquiInstrument	50-LY-006A		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-ESDD-06101	FZ-06 depress. emergency shut down (ESDD)	Push button DPDT contact	EquiInstrument	50-FY-005B		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-ESDD-07101	FZ-07 depress. emergency shut down (ESDD)	Push button DPDT contact	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-FDZ-01101	FZ-01 Flame detect. in fuel cell package area	UV-IR Flame detector	EquiInstrument	50-PY-013A		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-FDZ-01102	FZ-01 Flame detect. in fuel cell package area	UV-IR Flame detector	EquiInstrument	50-LY-007B		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-FDZ-01103	FZ-01 Flame detect. in fuel cell package area	UV-IR Flame detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-FDZ-01104	FZ-01 Flame detect. in fuel cell package area	UV-IR Flame detector	EquiInstrument	50-PY-013A		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-FDZ-02101	FZ-02 Flame detect. in hydrogen storage vessels area	UV-IR Flame detector	EquiInstrument	55-FY-001		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-FDZ-02102	FZ-02 Flame detect. in hydrogen storage vessels area	UV-IR Flame detector	EquiInstrument	50-PY-013B		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-FDZ-02103	FZ-02 Flame detect. in hydrogen storage vessels area	UV-IR Flame detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-FDZ-02104	FZ-02 Flame detect. in hydrogen storage vessels area	UV-IR Flame detector	EquiInstrument	55-FY-001		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-FDZ-03101	FZ-03 Flame detect. in electrolyzer package area	UV-IR Flame detector	EquiInstrument	64-PY-031B		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-FDZ-03102	FZ-03 Flame detect. in electrolyzer package area	UV-IR Flame detector	EquiInstrument	64-PY-031A		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-FDZ-03103	FZ-03 Flame detect. in electrolyzer package area	UV-IR Flame detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-FDZ-03104	FZ-03 Flame detect. in electrolyzer package area	UV-IR Flame detector	EquiInstrument	64-PY-031B		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-FDZ-04101	FZ-04 Flame detect. in B-400/B-300/B-200 area	UV-IR Flame detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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950-FDZ-04102	FZ-04 Flame detect. in B-400/B-300/B-200 area	UV-IR Flame detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-FDZ-04103	FZ-04 Flame detect. in B-400/B-300/B-200 area	UV-IR Flame detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-FDZ-04104	FZ-04 Flame detect. in B-400/B-300/B-200 area	UV-IR Flame detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-FDZ-05101	FZ-05 Flame detect. in bess area	UV-IR Flame detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-FDZ-05102	FZ-05 Flame detect. in bess area	UV-IR Flame detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-FDZ-05103	FZ-05 Flame detect. in bess area	UV-IR Flame detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-FDZ-05104	FZ-05 Flame detect. in bess area	UV-IR Flame detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-FDZ-06101	FZ-06 Flame detect. in B-100/Transformer area	UV-IR Flame detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-FDZ-06102	FZ-06 Flame detect. in B-100/Transformer area	UV-IR Flame detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-01101	FZ-01 H2 detect. in fuel cell package area	Ultrasonic H2 leak detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-01102	FZ-01 H2 detect. in fuel cell package area	Ultrasonic H2 leak detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-01103	FZ-01 H2 detect. in fuel cell package area	Ultrasonic H2 leak detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-02101	FZ-02 H2 detect. in hydrogen storage vessels area	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-02102	FZ-02 H2 detect. in hydrogen storage vessels area	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-02103	FZ-02 H2 detect. in hydrogen storage vessels area	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-02104	FZ-02 H2 detect. in hydrogen storage vessels area	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-02105	FZ-02 H2 detect. in hydrogen storage vessels area	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-02106	FZ-02 H2 detect. in hydrogen storage vessels area	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-02107	FZ-02 H2 detect. in hydrogen storage vessels area	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-02108	FZ-02 H2 detect. in hydrogen storage vessels area	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-02109	FZ-02 H2 detect. in hydrogen storage vessels area	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-02110	FZ-02 H2 detect. in hydrogen storage vessels area	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-02111	FZ-02 H2 detect. in hydrogen storage vessels area	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-02112	FZ-02 H2 detect. in hydrogen storage vessels area	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-02113	FZ-02 H2 detect. in hydrogen storage vessels area	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-02114	FZ-02 H2 detect. in hydrogen storage vessels area	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-02115	FZ-02 H2 detect. in hydrogen storage vessels area	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-02116	FZ-02 H2 detect. in hydrogen storage vessels area	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-02117	FZ-02 H2 detect. in hydrogen storage vessels area	Ultrasonic H2 leak detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-02118	FZ-02 H2 detect. in hydrogen storage vessels area	Ultrasonic H2 leak detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-02119	FZ-02 H2 detect. in hydrogen storage vessels area	Ultrasonic H2 leak detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-02120	FZ-02 H2 detect. in hydrogen storage vessels area	Ultrasonic H2 leak detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-03101	FZ-03 H2 detect. in electrolyzer package area	Ultrasonic H2 leak detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-03102	FZ-03 H2 detect. in electrolyzer package area	Ultrasonic H2 leak detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-03103	FZ-03 H2 detect. in electrolyzer package area	Ultrasonic H2 leak detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-03104	FZ-03 H2 detect. in electrolyzer package area	Ultrasonic H2 leak detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-03105	FZ-03 H2 detect. in electrolyzer package area	Ultrasonic H2 leak detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-03107	FZ-03 Oxygen in electrolyzer package area	Electrochem. O2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-03108	FZ-03 Oxygen in electrolyzer package area	Electrochem. O2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-03109	FZ-03 Oxygen in electrolyzer package area	Electrochem. O2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-04201	FZ-04 H2 detect. in B-400 HVAC air intake	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-04202	FZ-04 H2 detect. in B-400 HVAC air intake	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-04203	FZ-04 H2 detect. in B-400 HVAC air intake	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-04204	FZ-04 H2 detect. in B-400 I&T equip. room	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-04205	FZ-04 H2 detect. in B-400 I&T equip. room	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-04206	FZ-04 H2 detect. in B-400 I&T equip. room	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-04207	FZ-04 H2 detect. in B-300 HVAC air intake	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-04208	FZ-04 H2 detect. in B-300 HVAC air intake	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-04209	FZ-04 H2 detect. in B-300 HVAC air intake	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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950-GDZ-04210	FZ-04 H2 detect. in B-300 AC UPS room	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-04211	FZ-04 H2 detect. in B-300 AC UPS room	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-04212	FZ-04 H2 detect. in B-300 AC UPS room	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-04213	FZ-04 H2 detect. in B-200 HVAC air intake	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-04214	FZ-04 H2 detect. in B-200 HVAC air intake	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-04215	FZ-04 H2 detect. in B-200 HVAC air intake	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-04216	FZ-04 H2 detect. in B-200 LV SWGR room	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-04217	FZ-04 H2 detect. in B-200 LV SWGR room	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-04218	FZ-04 H2 detect. in B-200 LV SWGR room	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-05101	FZ-05 H2 detect. in bess area	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-05102	FZ-05 H2 detect. in bess area	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-05103	FZ-05 H2 detect. in bess area	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-05104	FZ-05 H2 detect. in bess area	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-05105	FZ-05 H2 detect. in bess area	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-05106	FZ-05 H2 detect. in bess area	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-06201	FZ-06 H2 detect. in B-100 HVAC air intake	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-06202	FZ-06 H2 detect. in B-100 HVAC air intake	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-06203	FZ-06 H2 detect. in B-100 HVAC air intake	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-06204	FZ-06 H2 detect. in B-100 HV/MV SWGR room	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-06205	FZ-06 H2 detect. in B-100 HV/MV SWGR room	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-GDZ-06206	FZ-06 H2 detect. in B-100 HV/MV SWGR room	Electrochem. H2 gas detector	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-01101	FGS Analog JB	JunctionBox	JunctionBox	B400-FGS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-01101/B400-FGS-002	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-01102	FGS Analog JB	JunctionBox	JunctionBox	B400-FGS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-01102/B400-FGS-002	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-01103	FGS Digital Input JB	JunctionBox	JunctionBox	B400-FGS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-01103/B400-FGS-002	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-01104	FGS Digital Output JB	JunctionBox	JunctionBox	B400-FGS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-01104/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-02101	FGS Analog JB	JunctionBox	JunctionBox	B400-FGS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-02101/B400-FGS-002	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-02102	FGS Analog JB	JunctionBox	JunctionBox	B400-FGS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-02102/B400-FGS-002	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-02103	FGS Analog JB	JunctionBox	JunctionBox	B400-FGS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-02103/B400-FGS-002	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-02104	FGS Digital Output JB	JunctionBox	JunctionBox	B400-FGS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-02104/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-03101	FGS Analog JB	JunctionBox	JunctionBox	B400-FGS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-03101/B400-FGS-002	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-03102	FGS Analog JB	JunctionBox	JunctionBox	B400-FGS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-03102/B400-FGS-002	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-03103	FGS Digital Input JB	JunctionBox	JunctionBox	B400-FGS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-03103/B400-FGS-002	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-03104	FGS Digital Output JB	JunctionBox	JunctionBox	B400-FGS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-03104/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-04101	FGS Analog JB	JunctionBox	JunctionBox	B400-FGS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-04101/B400-FGS-002	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-04102	FGS Digital Input JB	JunctionBox	JunctionBox	B400-FGS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-04102/B400-FGS-002	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-04103	FGS Digital Output JB	JunctionBox	JunctionBox	B400-FGS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-04103/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-04201	FGS Analog JB	JunctionBox	JunctionBox	B400-FGS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-04201/B400-FGS-002	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-04203	FGS Digital Output JB	JunctionBox	JunctionBox	B400-FGS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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950-JE-04203/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-04204	FGS Analog JB	JunctionBox	JunctionBox	B400-FGS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-04204/B400-FGS-002	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-04205	FGS Analog JB	JunctionBox	JunctionBox	B400-FGS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-04205/B400-FGS-002	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-04207	FGS Digital Output JB	JunctionBox	JunctionBox	B400-FGS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-04207/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-04208	FGS Analog JB	JunctionBox	JunctionBox	B400-FGS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-04208/B400-FGS-002	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-05101	FGS Analog JB	JunctionBox	JunctionBox	B400-FGS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-05101/B400-FGS-002	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-05102	FGS Digital Input JB	JunctionBox	JunctionBox	B400-FGS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-05102/B400-FGS-002	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-05103	FGS Digital Output JB	JunctionBox	JunctionBox	B400-FGS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-05103/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-05104	FGS Digital Output JB	JunctionBox	JunctionBox	B400-FGS	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
950-JE-05104/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-06101	FGS Analog JB	JunctionBox	JunctionBox	B400-FGS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-06101/B400-FGS-002	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-06102	FGS Digital Input JB	JunctionBox	JunctionBox	B400-FGS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-06102/B400-FGS-002	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-06103	FGS Digital Output JB	JunctionBox	JunctionBox	B400-FGS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-06103/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-06201	FGS Analog JB	JunctionBox	JunctionBox	B400-FGS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-06201/B400-FGS-002	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-06203	FGS Digital Output JB	JunctionBox	JunctionBox	B400-FGS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-06203/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-06204	FGS Analog JB	JunctionBox	JunctionBox	B400-FGS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-06204/B400-FGS-002	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-07101	FGS Digital Output JB	JunctionBox	JunctionBox	B400-FGS		1724001299	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-JE-07101/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-MFA-01101	FZ-01 Manual fire alarm (MFA)	Push button DPDT contact	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-MFA-01102	FZ-01 Manual fire alarm (MFA)	Push button DPDT contact	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-MFA-01103	FZ-01 Manual fire alarm (MFA)	Push button DPDT contact	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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950-MFA-02101	FZ-02 Manual fire alarm (MFA)	Push button DPDT contact	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-MFA-03101	FZ-03 Manual fire alarm (MFA)	Push button DPDT contact	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-MFA-03102	FZ-03 Manual fire alarm (MFA)	Push button DPDT contact	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-MFA-03103	FZ-03 Manual fire alarm (MFA)	Push button DPDT contact	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-MFA-03104	FZ-03 Manual fire alarm (MFA)	Push button DPDT contact	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-MFA-04101	FZ-04 Manual fire alarm (MFA)	Push button DPDT contact	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-MFA-04102	FZ-04 Manual fire alarm (MFA)	Push button DPDT contact	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-MFA-04201	FZ-04 Manual fire alarm (MFA) B-400 I&T equip. room	Push button DPDT contact	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-MFA-04202	FZ-04 Manual fire alarm (MFA) B-300 AC UPS room	Push button DPDT contact	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-MFA-04203	FZ-04 Manual fire alarm (MFA) B-200 LV SWGR room	Push button DPDT contact	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-MFA-05101	FZ-05 Manual fire alarm (MFA)	Push button DPDT contact	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-MFA-05102	FZ-05 Manual fire alarm (MFA)	Push button DPDT contact	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-MFA-05103	FZ-05 Manual fire alarm (MFA)	Push button DPDT contact	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-MFA-05104	FZ-05 Manual fire alarm (MFA)	Push button DPDT contact	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-MFA-05201	FZ-05 Manual fire alarm (MFA) water treat. pkg	Push button DPDT contact	EquiInstrument	N.A.	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
950-MFA-06101	FZ-06 Manual fire alarm (MFA)	Push button DPDT contact	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-MFA-06102	FZ-06 Manual fire alarm (MFA)	Push button DPDT contact	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-MFA-06201	FZ-06 Manual fire alarm (MFA) B-100 HV/MV SWGR room	Push button DPDT contact	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-MFA-07101	FZ-07 Manual fire alarm (MFA)	Push button DPDT contact	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-MOB-01101	FZ-01 Man over board (MOB)	Push button DPDT contact	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-MOB-03101	FZ-03 Man over board (MOB)	Push button DPDT contact	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-MOB-04101	FZ-04 Man over board (MOB)	Push button DPDT contact	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-MOB-06101	FZ-06 Man over board (MOB)	Push button DPDT contact	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-MOB-07101	FZ-07 Man over board (MOB)	Push button DPDT contact	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-SDZ-04201	FZ-04 Smoke detect. in B-400 HVAC air intake	Optical smoke detector (Ex-i)	EquiInstrument	B-400		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-SDZ-04202	FZ-04 Smoke detect. in B-400 HVAC air intake	Optical smoke detector (Ex-i)	EquiInstrument	B-400		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-SDZ-04203	FZ-04 Smoke detect. in B-400 HVAC air intake	Optical smoke detector (Ex-i)	EquiInstrument	B-400		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-SDZ-04204	FZ-04 Smoke detect. in B-400 I&T equip. room	Optical smoke detector (Ex-i)	EquiInstrument	B-400		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-SDZ-04205	FZ-04 Smoke detect. in B-400 I&T equip. room	Optical smoke detector (Ex-i)	EquiInstrument	B-400		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-SDZ-04206	FZ-04 Smoke detect. in B-400 I&T equip. room	Optical smoke detector (Ex-i)	EquiInstrument	B-400		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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950-SDZ-04207	FZ-04 Smoke detect. in B-300 HVAC air intake	Optical smoke detector (Ex-i)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-SDZ-04208	FZ-04 Smoke detect. in B-300 HVAC air intake	Optical smoke detector (Ex-i)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-SDZ-04209	FZ-04 Smoke detect. in B-300 HVAC air intake	Optical smoke detector (Ex-i)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-SDZ-04210	FZ-04 Smoke detect. in B-300 AC UPS room	Optical smoke detector (Ex-i)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-SDZ-04211	FZ-04 Smoke detect. in B-300 AC UPS room	Optical smoke detector (Ex-i)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-SDZ-04212	FZ-04 Smoke detect. in B-300 AC UPS room	Optical smoke detector (Ex-i)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-SDZ-04213	FZ-04 Smoke detect. in B-200 HVAC air intake	Optical smoke detector (Ex-i)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-SDZ-04214	FZ-04 Smoke detect. in B-200 HVAC air intake	Optical smoke detector (Ex-i)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-SDZ-04215	FZ-04 Smoke detect. in B-200 HVAC air intake	Optical smoke detector (Ex-i)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-SDZ-04216	FZ-04 Smoke detect. in B-200 LV SWGR room	Optical smoke detector (Ex-i)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-SDZ-04217	FZ-04 Smoke detect. in B-200 LV SWGR room	Optical smoke detector (Ex-i)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-SDZ-04218	FZ-04 Smoke detect. in B-200 LV SWGR room	Optical smoke detector (Ex-i)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-SDZ-06201	FZ-06 Smoke detect. in B-100 HVAC air intake	Optical smoke detector (Ex-i)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-SDZ-06202	FZ-06 Smoke detect. in B-100 HVAC air intake	Optical smoke detector (Ex-i)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-SDZ-06203	FZ-06 Smoke detect. in B-100 HVAC air intake	Optical smoke detector (Ex-i)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-SDZ-06204	FZ-06 Smoke detect. in B-100 HV/MV SWGR room	Optical smoke detector (Ex-i)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-SDZ-06205	FZ-06 Smoke detect. in B-100 HV/MV SWGR room	Optical smoke detector (Ex-i)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-SDZ-06206	FZ-06 Smoke detect. in B-100 HV/MV SWGR room	Optical smoke detector (Ex-i)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XL-01101	FZ-01 Optical exp gas alarm	Flash beacon (AMBER)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XL-01102	FZ-01 Optical fire alarm	Flash beacon (RED)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XL-02101	FZ-02 Optical exp gas alarm	Flash beacon (AMBER)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XL-02102	FZ-02 Optical fire alarm	Flash beacon (RED)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XL-03101	FZ-03 Optical exp gas alarm	Flash beacon (AMBER)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XL-03102	FZ-03 Optical fire alarm	Flash beacon (RED)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XL-03103	FZ-03 Optical exp gas alarm	Flash beacon (AMBER)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XL-03104	FZ-03 Optical fire alarm	Flash beacon (RED)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XL-04101	FZ-04 Optical exp gas alarm	Flash beacon (AMBER)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XL-04102	FZ-04 Optical fire alarm	Flash beacon (RED)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XL-04103	FZ-04 Optical exp gas alarm	Flash beacon (AMBER)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XL-04104	FZ-04 Optical fire alarm	Flash beacon (RED)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XL-04201	FZ-04 Optical exp gas alarm B-400 I&T equip. room	Flash beacon (AMBER)	EquiInstrument	B-400		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XL-04202	FZ-04 Optical fire alarm B-400 I&T equip. room	Flash beacon (RED)	EquiInstrument	B-400		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XL-04203	**FZ-04 Optical exp gas alarm B-300 AC UPS room**	**Flash beacon (AMBER)**	**EquiInstrument**	**B-300**		**1724000821**	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XL-04204	FZ-04 Optical fire alarm B-300 AC UPS room	Flash beacon (RED)	EquiInstrument	B-300		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XL-04205	**FZ-04 Optical exp gas alarm B-200 LV SWGR room**	**Flash beacon (AMBER)**	**EquiInstrument**	**B-200**		**1724000821**	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XL-04206	FZ-04 Optical fire alarm B-200 LV SWGR room	Flash beacon (RED)	EquiInstrument	B-200		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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950-XL-05201	FZ-05 Optical exp gas alarm water treat. pkg	Flash beacon (AMBER)	EquiInstrument	N.A.	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
950-XL-05202	FZ-05 Optical fire alarm water treat. pkg	Flash beacon (RED)	EquiInstrument	N.A.	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
950-XL-06101	FZ-06 Optical exp gas alarm	Flash beacon (AMBER)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XL-06102	FZ-06 Optical fire alarm	Flash beacon (RED)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XL-06103	FZ-06 Optical exp gas alarm	Flash beacon (AMBER)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XL-06104	FZ-06 Optical fire alarm	Flash beacon (RED)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XL-06201	FZ-06 Optical exp gas alarm B-100 HV/MV SWGR room	Flash beacon (AMBER)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XL-06202	FZ-06 Optical fire alarm B-100 HV/MV SWGR room	Flash beacon (RED)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XL-07101	FZ-07 Optical exp gas alarm	Flash beacon (AMBER)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XL-07102	FZ-07 Optical fire alarm	Flash beacon (RED)	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XZ-01101	FZ-01 Acoustic fire&gas alarm	Monotone sounder	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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950-XZ-01102	FZ-01 Acoustic fire&gas alarm	Monotone sounder	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XZ-02101	FZ-02 Acoustic fire&gas alarm	Monotone sounder	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XZ-03101	FZ-03 Acoustic fire&gas alarm	Monotone sounder	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XZ-03102	FZ-03 Acoustic fire&gas alarm	Monotone sounder	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XZ-04101	FZ-04 Acoustic fire&gas alarm	Monotone sounder	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XZ-04102	FZ-04 Acoustic fire&gas alarm	Monotone sounder	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XZ-04201	FZ-04 Acoustic fire&gas alarm B-400 I&T equip. room	Monotone sounder	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XZ-04202	FZ-04 Acoustic fire&gas alarm B-300 AC UPS room	Monotone sounder	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XZ-04203	FZ-04 Acoustic fire&gas alarm B-200 LV SWGR room	Monotone sounder	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XZ-05101	FZ-05 Acoustic fire&gas alarm	Monotone sounder	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XZ-05102	FZ-05 Acoustic fire&gas alarm	Monotone sounder	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XZ-05103	FZ-05 Acoustic fire&gas alarm	Monotone sounder	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XZ-05104	FZ-05 Acoustic fire&gas alarm	Monotone sounder	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XZ-05201	FZ-05 Acoustic fire&gas alarm water treat. pkg	Monotone sounder	EquiInstrument	N.A.	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
950-XZ-06101	FZ-06 Acoustic fire&gas alarm	Monotone sounder	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XZ-06201	FZ-06 Acoustic fire&gas alarm B-100 HV/MV SWGR room	Monotone sounder	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
950-XZ-07101	FZ-07 Acoustic fire&gas alarm	Monotone sounder	EquiInstrument	N.A.		1724000821	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
LOOP 200 --THS-200						1124000140	Elogen	1 Pressure check 2 Global visual check - Leak check 3 Glycol concentration check 4 Function test 5 Cleaning filter 6 Global visual check - Leak check - Motor current control 7 Function test 8 Check the water glycol level in the tank TK-200. Adjust the water glycol level if necessary. 9 Function test	N/A	N/A
LOOP 200--DC-200/201						1124000140	Elogen	1 Visual check leakage circuit Cleaning water condenser(Depend air atmosphere) Pressure check Global visual check and clening fan Motor current control of fan motors 2 Drain the drip pan	N/A	N/A
LOOP 300 LP-300A / 300B						1124000140	Elogen	1 Visual Check Check abonormal noise	N/A	N/A

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LOOP 400 THS-400						1124000140	Elogen	1 Pressure check 2 Global visual check 3 Glycol concentration check 4 Function test of servomotor 5 Cleaning filter 6 Global visual check - Leak check - Motor current control 7 Function test 8 Function test 9 Function test 10 Position check 11 Drain the drain pan	N/A	N/A
LOOP 600						1124000140	Elogen	1 Visual inspection check valves check for leaksand clogging	N/A	N/A
LOOP 600 F-600						1124000140	Elogen	1-Clean the strainer - Replace gasket	N/A	N/A
LOOP 600-CP-600 A/B						1124000140	Elogen	1-Visual Check Check abnormal noise	N/A	N/A
LOOP 610						1124000140	Elogen	1- Visual inspection Check valves Check for leaks and clogging Cleaning if necessary	N/A	N/A
LOOP 610 F-610						1124000140	Elogen	1-Check the condition of the F-610 coalescing cartridge every 6 months, visual inspection of the inside of the cartridge.	N/A	N/A
LOOP 620						1124000140	Elogen	1-Visual inspection Check valves Check for leaks and clogging Clening if necessary	N/A	N/A
LOOP 620 CP -620 A/B						1124000140	Elogen	1-Visual Check Check abnormal noise	N/A	N/A
LOOP 620 F-620						1124000140	Elogen	1-Clean strainer Replace gasket	N/A	N/A
LOOP 630						1124000140	Elogen	1-Visual inspection Check valves Check for leaks and clogging Clening if necessary	N/A	N/A
LOOP 640						1124000140	Elogen	1-Visual inspection Check valves Check for leaks and clogging Clening if necessary	N/A	N/A
LOOP 700 HP-700						1124000140	Elogen	1-Check that the working pressure is according to specification Check that the condense traps are functioning and that there is maximum 1 litres of water in each deoxo and dryer vessel. Check PLC charts to detect any negative trends i.e. degradation of dew point.	N/A	N/A
LOOP 800 FICV-800 OIHA-800A/B/C OIHA-800A/B/C						1124000140	Elogen	1 Proper functioning check 2 Calibrate the sensor. 3 Replace the cell.	N/A	N/A
LOOP 800						1124000140	Elogen	1-Visual inspection Check valves Check for leaks and clogging Clening if necessary	N/A	N/A
LOOP 900						1124000140	Elogen	1-Visual inspection Check valves Check for leaks and clogging Clening if necessary	N/A	N/A
CONTAYNER ELECTOLYSER AHU-400						1124000140	Elogen	1-Global visual check - Function test 2-Visual inspection of all types of valves / check valves Check for leaks and clogging Cleaning if necessary 3 Global visual check Cleaning Current control 4 Global visual check Replacement 5 Global visual check Cleaning Motor current control Belt alignement check 6 Flow test 7 Functional test 8 Functional test 9 Visual inspection and Cleaning Function test of servomotor	N/A	N/A
CONTAYNER ELECTOLYSER AHD-1000/1002/1003						1124000140	Elogen	1 Cleaning and calibration	N/A	N/A

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CONTAINER ELECTROLYSER EXT- 001/002/003/004/005/006 /007/008						1124000140	Elogen	1 Check there is not a lot of dust on ventilation blades, air inlets are not blocked. Clean if necessary. - Check the good condition of the volute. - Check the tightness of the bolts securing the motor to the chair, the screw securing the turbine to the motor shaft (end of the shaft), the nuts or screws securing the volute to the chair. - Check motor connections (cable glands) and terminal tightness. - Check the grounding connections. - Check engine condition according to engine manufacturer's instructions.	N/A	N/A
CONTAINER ELECTROLYSER SSI-1000						1124000140	Elogen	1 Trigger the alarm	N/A	N/A
CONTAINER ELECTROLYSER SD-006 A/B/C						1124000140	Elogen	1 Functional test of the detector (safety loop check)	N/A	N/A
CONTAINER ELECTROLYSER SD-007 A/B/C						1124000140	Elogen	1 Functional test of the detector (safety loop check)	N/A	N/A
CONTAINER ELECTROLYSER General						1124000140	Elogen	1 Visual inspection of hydrogen and oxygen vents.	N/A	N/A
RECTIFIERS CONTAINER SD-001A/B/C SD-002A/B/C SD-003A/B/C SD-004A/B/C SD-005A/B/C SD-008A/B/C						1124000140	Elogen	1 Functional test of the detector (safety loop check)	N/A	N/A
RECTIFIERS CONTAINER GENERAL						1124000140	Elogen	1 inspection / Cleaning ventilation grids 2 Clean the filters 3 Phonic inspection of all equipments.	N/A	N/A
LOOP 200 DC-200/DC-201						1124000140	Elogen	N/A	1 Cleaning Tightening control of motor fan	N/A
LOOP 200 THS-200						1124000140	Elogen	N/A	1 Global visual check Tightening control 2 Global visual check 3 Visual inspection and Cleaning 4 Global visual check control of servomotors 5 Current control 6 Global visual check 7 Global visual check 8 Visual inspection and Cleaning 9 Tightening control of motors Tightening control of ground strap 10 Global visual check 11 Visual inspection and Cleaning 12 Functionnal test	N/A
LOOP 300 3WV-320						1124000140	Elogen	N/A	1 Functionnal test	N/A
LOOP 300 PV - 300 PT -300						1124000140	Elogen	N/A	1 Functional test of the pneumatic valve 2 Deviation control of the pressure sensor.	N/A
LOOP 300 WTP-300						1124000140	Elogen	1 Clean the tanks from inside Replace filter elements 1F and 2F and check valve setting on 1EHV1 in case of minimum flow values, Check conductivity values.	N/A	N/A

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LOOP 400 THS 400						1124000140	Elogen	N/A	1 Global visual check and Tightening control 2 Visual inspection and Cleaning 3 Global visual check of valve Tightening control of servomotor 4 Current control 5 Global visual check 6 Global visual check 7 Visual inspection and Cleaning 8 Tightening control 9 Global visual check 10 Visual inspection and cleaning and functionnal test 11 Global visual check 12 Visual inspection and Cleaning 13 Visual inspection and Cleaning 14 Function test 15 Global visual check	N/A
LOOP 400 WC-400/401						1124000140	Elogen	1Global visual check Cleaning Leak check Tightening control Current control of motor Current control of heater Function test of level switch and pressure sensor 2 Global visual chec Cleaning Leak check Tightening control Liquid level check Pressure check 3 Function test of servomotor 4 Current control 5 Current control 6 Global visual check Cleaning Leak check Tightening control Liquid level check Pressure check 7 Check the water glycol level in the tank . Adjust the water glycol level if necessary. 8 Global visual check Leak check Tightening control	N/A	N/A
LOOP 600 CT/P-600 PT-600-600A/B						1124000140	Elogen	N/A	1 Calibrate the sensor/Conductivity sensor deviation control 2 Deviation control of pressure sensors	N/A
LOOP 600 FH 600						1124000140	Elogen	N/A	1 Replace the resin only when conductivity is above 1 µS/cm or every six months 2 Replace the gasket 3 Replace the inside gaskets 4 Replace the gasket	N/A
LOOP 600 STACK-001 à 8						1124000140	Elogen	N/A	1-Check that the tightening torque of the fluid and electrical connections is correct.	N/A
LOOP 600 SV-600						1124000140	Elogen	N/A	1 Check that the tightening torque of the fluid and electrical connections is correct.	N/A
LOOP 600 PV 600						1124000140	Elogen	N/A	1 Functional test of the pneumatic valve	N/A
LOOP 600 LSH-600/LSL-600						1124000140	Elogen	N/A	1 Cleanning if needed	N/A
LOOP 610 F 610						1124000140	Elogen	N/A	1 Change the cartridge	N/A

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LOOP 610 FICV-611						1124000140	Elogen	N/A	1 Inspected for signs of fouling, corrosion, mechanical wear and leaks, as well as damage to the measuring tube and the indicator	N/A
LOOP 610 HIOD-610A/B/C						1124000140	Elogen	1 Safety loop check Visual inspection, calibration and cleaning.	N/A	N/A
LOOP 610 PT-610/611/612						1124000140	Elogen	N/A	1 Deviation control of pressure sensors	N/A
LOOP 610 LSH-610/LSL-610/LSL-611						1124000140	Elogen	N/A	1 Cleanning if nedeed	N/A
LOOP 610 PRV 610						1124000140	Elogen	N/A	1 Visual check Check of presence of leaks Cleaning if necessary Check if there is any corrosion Check the pressure	N/A
LOOP 610 SV-610						1124000140	Elogen	N/A	1 Functional test of the solenoid valve.	N/A
LOOP 620 C/TP-620						1124000140	Elogen	N/A	1 Calibrate the sensor/Conductivity sensor deviation control	N/A
LOOP 620 FH-620						1124000140	Elogen	N/A	1 Replace the resin only when conductivity is above 1 µS/cm and replace gasket	N/A
LOOP 620 PT/PI-620A/B						1124000140	Elogen	N/A	1-Check presseure T°	0
LOOP 620 TT-601 (x 8)						1124000140	Elogen	N/A	1-Deviation control of temperature sensor/Electrical check of the thermocouple.	0
LOOP 620 LSL-620						1124000140	Elogen	N/A	1 Cleaning if needed	0
LOOP 630 PT-630/631/632/633						1124000140	Elogen	N/A	1 Deviation control of the pressure sensor.	N/A
LOOP 630 FT-630						1124000140	Elogen	N/A	1 Exterior and interior cleaning if needed	N/A
LOOP 630 SV-630						1124000140	Elogen	N/A	1 Functional test of the solenoid valve.	N/A
LOOP 630 PV-630/631/632/633/635						1124000140	Elogen	N/A	1 Functional test of the pneumatic valve	N/A
LOOP 630 PSV-630/631						1124000140	Elogen	N/A	1 Global visual check and Tightening control	N/A
LOOP 640 SV 641						1124000140	Elogen	0	1 Functional tes of the solenoid valve.	0
LOOP 640 PRV 640						1124000140	Elogen	0	1 Visual check Check of presence of leaks Cleaning if necessary Check if there is any corrosion Check the pressure	0
LOOP 640 PSV 640						1124000140	Elogen	0	1 Global visual check and Tightening control	0
LOOP 700 HPP700						1124000140	Elogen	0	1 Check all Deoxo-Dryer components. Replace worn out parts. Measure the heater current consumption. Check the set value of regulating thermostats and switches. Check, clean or replace particle filter if required. Clean condensate filters. Check the dew point measurement for trend. Check the level and condition of catalyst and desiccant in each tower.Add up with new material if required. Note: replace the elastagraph gaskets after each opening	0

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LOOP 800 DPT-800A/B/C						1124000140	Elogen	N/A	1 Replace the O-ring if it gets damaged or lost.	N/A
LOOP 900 PT-900/910/920						1124000140	Elogen	N/A	1 Deviation control of the pressure sensor.	N/A
LOOP 900 SV-900/920						1124000140	Elogen	0	1 Functional test of the solenoid valves.	0
LOOP 900 FT-901/921						1124000140	Elogen	0	1 Exterior and interior cleaning	0
LOOP 900 PSV-900						1124000140	Elogen	0	1 Global visual check and Tightening control	0
CONTAINER ELECTROLYSER DPRT-1000						1124000140	Elogen	N/A	1 Re-calibrate the transmitter	N/A
CONTAINER ELECTROLYSER AHU-400						1124000140	Elogen	N/A	1 Cleaning 2 Tightening control of motor Tightening control of drive belt 3 Cleaning 4 Visual inspection and Cleaning 5 Visual inspection and Cleaning 6 Visual inspection and Cleaning of damper Tightening control of servomotor and functionnal test 7Visual inspection and Cleaning 8Visual inspection and Cleaning 9Visual inspection and Cleaning 10 Function test of servomotor and tightening control 11Function test of servomotor and tightening control 12Visual inspection and Cleaning 13Visual inspection and Cleaning 14Visual inspection and Cleaning and function test 15 Visual inspection and Cleaning Current control	N/A
CONTAINER ELECTROLYSER TT-1005/TT-1006						1124000140	Elogen	N/A	1 Deviation control of temperature sensor. Electrical check of the thermocouple.	N/A
CONTAINER ELECTROLYSER ESD-004/005/006/007						1124000140	Elogen	N/A	1 Recommended Annual Test	N/A
CONTAINER ELECTROLYSER WLD-005/006						1124000140	Elogen	N/A	1 Annual test	N/A
CONTAINER ELECTROLYSER DS-004/5/6/7						1124000140	Elogen	N/A	1 Recommended Annual Test	N/A
CONTAINER ELECTROLYSER BUZ-1002/1003						1124000140	Elogen	N/A	1 Functional test	N/A
CONTAINER ELECTROLYSER FB-003/004						1124000140	Elogen	N/A	1 Recommended Annual Test	N/A
RECTIFIERS CONTAINER AND TRANSFORMER REC-001/002						1124000140	Elogen	N/A	1 Annual maintenance	N/A
RECTIFIERS CONTAINER AND TRANSFORMER ESD-001/002/003						1124000140	Elogen	N/A	1 Recommended Annual Test	N/A
RECTIFIERS CONTAINER AND TRANSFORMER FB-001/002						1124000140	Elogen	N/A	1 Recommended Annual Test	N/A

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A-20000	Electrolyser Package	Mechanical Package	Mechanical Package	N.A.	123A90-DDL-PR-PID-80011	CPI-005	Elogen			
A-50000	Water Package	Mechanical Package	Mechanical Package	N.A.	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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A-50003	SEA WATER COARSE FILTER PACKAGE	Filter	Filter	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
A-50007A	SWRO Unit	Mechanical Package	Mechanical Package	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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A-50007B	SWRO Unit	Mechanical Package	Mechanical Package	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
A-63000	Instrument Air Package	Mechanical Package	Mechanical Package	A-63000	1724000428-PR-PID-00019	1724000428	Coes	Each 6 months check the conditions of the packing: if damaged proceed with replacing -Keep closed all battery limit connections with blind flanges or plugs (supplied with the package), to avoid that humidity, dust or atmospheric pollution enter into the component of the package. -Keep closed all vent and drain valves and all electrical connections. Every 6 month it is suggested to carry out site inspection as per following checklist: -Check that all manual vent and drain valves are closed. - Check that all blind flanges (if any) are closed and correctly tightened: install the flanges and tighten the stud bolts, if necessary. - Check that all terminal boxes are closed and that the internal is clean from sand or dust and that no dew is detected: clean, close of replace them, if necessary. - Check that all instruments, valves are not damaged: replace them, if necessary. - Check that all tubing is properly connected: tighten compression fittings, if necessary	N/A	N/A

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A-64000	Nitrogen System Package	Mechanical Package	Mechanical Package	A-64000	1724000437-PR-PID-00018	1724000437	Coes	Each 6 months check the conditions of the packing: if damaged proceed with replacing -Keep closed all battery limit connections with blind flanges or plugs (supplied with the package), to avoid that humidity, dust or atmospheric pollution enter into the component of the package. -Keep closed all vent and drain valves and all electrical connections. Every 6 month it is suggested to carry out site inspection as per following checklist: -Check that all manual vent and drain valves are closed. - Check that all blind flanges (if any) are closed and correctly tightened: install the flanges and tighten the stud bolts, if necessary. - Check that all terminal boxes are closed and that the internal is clean from sand or dust and that no dew is detected: clean, close of replace them, if necessary. - Check that all instruments, valves are not damaged: replace them, if necessary. - Check that all tubing is properly connected: tighten compression fittings, if necessary	N/A	N/A
A-80000	Fuel Cell Package	Mechanical Package	Mechanical Package	N.A.	123A90-DDL-PR-PID-80012	CPI-004	Ballard	General Cleaning -Ensure that the container is clean and that the walk-area inside and outside is clear of obstacles HYDROGEN '-Check Hydrogen Heater coolant level PROCESS DRAIN -Check Process drain heat trace COOLING -Check HT cooling system -Check LT cooling system -Check LT coolant strainer -LT Coolant pump and motor VENTILATION -Check ventilation dampers (Louvres) -Check container Air-intake-fan -Change container Air-intake filter -Change Ventilation Filter Box (Fuel Cell Module) SAFETY SYSTEM -Life-check Hydrogen sensor -Test RCD's	HYDROGEN '-Check Hydrogen piping -Test Hydrogen Heater coolant quality -Check Hydrogen Heater heating elements PROCESS DRAIN -Check Process drain catch-tank level switch COOLING -Test LT Coolant quality VENTILATION -Check container heater cleanliness ELECTRICAL -Thermography inspection -Check UPS -Clean DC/DC cabinets Clean DC/DC cabinets SAFETY SYSTEM -Check smoke detectors -Calibrate Hydrogen sensor -Emergency stop (internals and externals)	N/A
ArmouredCoaxialCable-	**Armoured Coaxial Cable**	**I&CCable**	**I&CCable**	**N.A.**	**N.A.**	**1724001170**	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
AV-63001	Air Distribution Pot 1	Distribution Pot	EquiInstrument	N.A.	123A90-DDL-PR-PID-80041	1724001332	AF System			
AV-63002	Air Distribution Pot 2	Distribution Pot	EquiInstrument	N.A.	123A90-DDL-PR-PID-80041	1724001332	AF System			
AV-63003	Air Distribution Pot 3	Distribution Pot	EquiInstrument	N.A.	123A90-DDL-PR-PID-80041	1724001332	AF System			
AV-63004	Air Distribution Pot 4	Distribution Pot	EquiInstrument	N.A.	123A90-DDL-PR-PID-80041	1724001332	AF System			
AV-63005	Air Distribution Pot 5	Distribution Pot	EquiInstrument	N.A.	123A90-DDL-PR-PID-80041	1724001332	AF System			
AV-63006	Air Distribution Pot 6	Distribution Pot	EquiInstrument	N.A.	123A90-DDL-PR-PID-80041	1724001332	AF System			
AV-63007	Air Distribution Pot 7	Distribution Pot	EquiInstrument	N.A.	123A90-DDL-PR-PID-80041	1724001332	AF System			
AV-63008	Air Distribution Pot 8	Distribution Pot	EquiInstrument	N.A.	123A90-DDL-PR-PID-80041	1724001332	AF System			
AV-63010	Air Distribution Pot 10	Distribution Pot	EquiInstrument	N.A.	123A90-DDL-PR-PID-80041	1724001332	AF System			
AV-63011	Air Distribution Pot 11	Distribution Pot	EquiInstrument	N.A.	123A90-DDL-PR-PID-80041	1724001332	AF System			
AV-63012	Air Distribution Pot 12	Distribution Pot	EquiInstrument	N.A.	123A90-DDL-PR-PID-80041	1724001332	AF System			

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B-100	Shelter HV-MV (66 kV / 6,6 kV) Switchroom B-100	Shelter	Shelter	N.A.		1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
B100-HSB-001	**HVAC panels & Lighting & SP - HV Room**	**HVAC Panel**	**HVACEquipment**	**B-100**	**N.A.**	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
B100-HSB-001/B400-FGS-002	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
B100-HSB-001/B400-NET-001	FTP-LSZH-IS-OS-SWB-LSZH	I&CCable	I&CCable	B400-NET-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
B100-TDC-001	Door Contact	Door contact	TelecomEquipment	B-100	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
B100-TDC-002	Door Contact	Door contact	TelecomEquipment	B-100	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
B100-TIR-001	Microvawe Motion Detector	Detector	TelecomEquipment	B-100	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
B101-TDC-011	Door Contact	Door contact	TelecomEquipment	B-100	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
B101-TDC-012	Door Contact	Door contact	TelecomEquipment	B-100	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
B101-TIR-011	Microvawe Motion Detector	Detector	TelecomEquipment	B-100	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
B-200	Shelter LV (400V) Switchroom B-200	Shelter	Shelter	N.A.		1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
B200-HSB-001	HVAC panels & Lighting & SP - LV Room	HVAC Panel	HVACEquipment	B-200	N.A.	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
B200-HSB-001/B400-FGS-002	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
B200-HSB-001/B400-NET-001	FTP-LSZH-IS-OS-SWB-LSZH	I&CCable	I&CCable	B400-NET-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
B200-TDC-001	Door Contact	Door contact	TelecomEquipment	B-200	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
B200-TDC-002	Door Contact	Door contact	TelecomEquipment	B-200	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
B200-TIR-001	Microvawe Motion Detector	Detector	TelecomEquipment	B-200	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
B201-TDC-011	Door Contact	Door contact	TelecomEquipment	B-200	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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B201-TDC-012	Door Contact	Door contact	TelecomEquipment	B-200	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
B201-TIR-011	Microvawe Motion Detector	Detector	TelecomEquipment	B-200	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
B-300	Shelter AC UPS Fitted with UPS System Equipment Room B-300	Shelter	Shelter	N.A.		1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
B300-HSB-001	**HVAC panels & Lighting & SP- UPS Room**	**HVAC Panel**	**HVACEquipment**	**B-300**	**N.A.**	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
B300-HSB-001/B400-FGS-002	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-FGS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
B300-HSB-001/B400-NET-001	FTP-LSZH-IS-OS-SWB-LSZH	I&CCable	I&CCable	B400-NET-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
B300-TDC-001	Door Contact	Door contact	TelecomEquipment	B-300	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
B300-TDC-002	Door Contact	Door contact	TelecomEquipment	B-300	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
B300-TIR-001	Microvawe Motion Detector	Detector	TelecomEquipment	B-300	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
B301-TDC-011	Door Contact	Door contact	TelecomEquipment	B-300	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
B301-TDC-012	Door Contact	Door contact	TelecomEquipment	B-300	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
B301-TIR-011	Microvawe Motion Detector	Detector	TelecomEquipment	B-300	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
B-400	I&T Equipment Room B-400	Shelter	Shelter	N.A.		1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
B400-EMCS-001	EMCS -Controller and I/O Cabinet - Auxiliary	Cabinet	Cabinet	B400-EMCS		1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
B400-FGS-001	FGS Fire & Gas Panel - Auxiliary	Cabinet	Cabinet	B400-FGS		1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
B400-FGS-002	FGS Fire & Gas Panel - Auxiliary	Cabinet	Cabinet	B400-FGS		1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack

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B400-FGS-003	FGS Fire & Gas Panel - Auxiliary	Cabinet	Cabinet	B400-FGS		1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
B400-HSB-001	**HVAC panels & Lighting & SP - ITER**	**HVAC Panel**	**HVACEquipment**	**B-400**	**N.A.**	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
B400-NET-001	System Server / Network Cabinet - Auxiliary	Cabinet	Cabinet	B400-NET		1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
B400-PCS-001	PCS -Controller and I/O Cabinet - Auxiliary	Cabinet	Cabinet	B400-PCS		1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
B400-PCS-002	PCS -Controller and I/O Cabinet - Auxiliary	Cabinet	Cabinet	B400-PCS		1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
B400-SIS-001	SIS -Controller and I/O Cabinet - Auxiliary	Cabinet	Cabinet	B400-SIS		1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
B400-SRV-001	Server Cabinet ITER - Auxiliary	Cabinet	Cabinet	B400-SRV		1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
B400-TDC-001	Door Contact	Door contact	TelecomEquipment	B-400	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
B400-TDC-002	Door Contact	Door contact	TelecomEquipment	B-400	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
B400-TIR-001	Microvawe Motion Detector	Detector	TelecomEquipment	B-400	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
B401-TDC-011	Door Contact	Door contact	TelecomEquipment	B-400	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
B401-TDC-012	Door Contact	Door contact	TelecomEquipment	B-400	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
B401-TIR-011	Microvawe Motion Detector	Detector	TelecomEquipment	B-400	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
B-50013A	Sea Water Lift Pump Caisson	Caisson	MiscellaneousEquipment	P-50001A	123A90-DDL-PR-PID-80021					
B-50013B	Sea Water Lift Pump Caisson	Caisson	MiscellaneousEquipment	P-50001B	123A90-DDL-PR-PID-80021					
B-50014	Brine Discharge Caisson	Caisson	MiscellaneousEquipment	Transition Piece	123A90-DDL-PR-PID-80025					

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BA-200F1	DC UPS - Battery	Battery	ElectricalEquipment	NC-200F1	N.A.	1724000372	3W Power	At least every 6 (six) months please measure and record: • Battery voltage • Float voltage of some cells/blocks (as sample) • Surface temperature of some cells/blocks (as sample) • Battery room temperature	At least every 12 (twelve) months please measure and record: • Battery voltage • Float voltage of all cells / blocks • Surface temperature of all cells/blocks • Battery room temperature • Insulation resistance acc. to DIN 43539 part1 At least every 12 (twelve) months please check: • Screw connections • Screw connections without locking devices have to be checked for tightness • Battery installation and arrangement • Ventilation	Maintenance interval Maintenance Task 6 months Check battery voltage 6 months Carry out functional test 12 months Check battery screw connections 40.000 hours Replace fan (*) 10 years Replace electrolytic capacitors for AC UPS 7 years Replace electrolytic capacitors for DC UPS 5 years Replace input filter
BA-200F2	NAVAID - Battery	Battery	ElectricalEquipment	NC-200F2	N.A.	1724000775	SICE	N/A	Checks and actions: -Verify the general status of the equipment (visual check). -Verify the cable gland (visual check). - Verify the tightening of all interconnection cables (visual check). - Carry out an internal check of the enclosure (visual check). -Check all wiring and cable connection tightening between components and terminal strip (visual check). - Clean the glass of the photocell sensor with a freshwater and a soft cloth. - Clean the glass of the enclosure with a freshwater and a soft cloth. - Close again the junction box by greasing the cover thread with a light layer of anti-seize grease - Check the equipment working (by simulating day/night conditions). Main marine yellow lights: -Check the equipment	N/A
BA-200F3A	AC UPS PAS - Battery-A	Battery	ElectricalEquipment	NC-200F3	N.A.	1724000372	3W Power	At least every 6 (six) months please measure and record: • Battery voltage • Float voltage of some cells/blocks (as sample) • Surface temperature of some cells/blocks (as sample) • Battery room temperature	At least every 12 (twelve) months please measure and record: • Battery voltage • Float voltage of all cells / blocks • Surface temperature of all cells/blocks • Battery room temperature • Insulation resistance acc. to DIN 43539 part1 At least every 12 (twelve) months please check: • Screw connections • Screw connections without locking devices have to be checked for tightness • Battery installation and arrangement • Ventilation	Maintenance interval Maintenance Task 6 months Check battery voltage 6 months Carry out functional test 12 months Check battery screw connections 40.000 hours Replace fan (*) 10 years Replace electrolytic capacitors for AC UPS 7 years Replace electrolytic capacitors for DC UPS 5 years Replace input filter

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BA-200F3B	AC UPS PAS - Battery-B	Battery	ElectricalEquipment	NC-200F3	N.A.	1724000372	3W Power	At least every 6 (six) months please measure and record: • Battery voltage • Float voltage of some cells/blocks (as sample) • Surface temperature of some cells/blocks (as sample) • Battery room temperature	At least every 12 (twelve) months please measure and record: • Battery voltage • Float voltage of all cells / blocks • Surface temperature of all cells/blocks • Battery room temperature • Insulation resistance acc. to DIN 43539 part1 At least every 12 (twelve) months please check: • Screw connections • Screw connections without locking devices have to be checked for tightness • Battery installation and arrangement • Ventilation	Maintenance interval Maintenance Task 6 months Check battery voltage 6 months Carry out functional test 12 months Check battery screw connections 40.000 hours Replace fan (*) 10 years Replace electrolytic capacitors for AC UPS 7 years Replace electrolytic capacitors for DC UPS 5 years Replace input filter
BA-200F4A	AC UPS F&G - Battery-A	Battery	ElectricalEquipment	NC-200F4	N.A.	1724000372	3W Power	At least every 6 (six) months please measure and record: • Battery voltage • Float voltage of some cells/blocks (as sample) • Surface temperature of some cells/blocks (as sample) • Battery room temperature	At least every 12 (twelve) months please measure and record: • Battery voltage • Float voltage of all cells / blocks • Surface temperature of all cells/blocks • Battery room temperature • Insulation resistance acc. to DIN 43539 part1 At least every 12 (twelve) months please check: • Screw connections • Screw connections without locking devices have to be checked for tightness • Battery installation and arrangement • Ventilation	Maintenance interval Maintenance Task 6 months Check battery voltage 6 months Carry out functional test 12 months Check battery screw connections 40.000 hours Replace fan (*) 10 years Replace electrolytic capacitors for AC UPS 7 years Replace electrolytic capacitors for DC UPS 5 years Replace input filter
BA-200F4B	AC UPS F&G - Battery-B	Battery	ElectricalEquipment	NC-200F4	N.A.	1724000372	3W Power	At least every 6 (six) months please measure and record: • Battery voltage • Float voltage of some cells/blocks (as sample) • Surface temperature of some cells/blocks (as sample) • Battery room temperature	At least every 12 (twelve) months please measure and record: • Battery voltage • Float voltage of all cells / blocks • Surface temperature of all cells/blocks • Battery room temperature • Insulation resistance acc. to DIN 43539 part1 At least every 12 (twelve) months please check: • Screw connections • Screw connections without locking devices have to be checked for tightness • Battery installation and arrangement • Ventilation	Maintenance interval Maintenance Task 6 months Check battery voltage 6 months Carry out functional test 12 months Check battery screw connections 40.000 hours Replace fan (*) 10 years Replace electrolytic capacitors for AC UPS 7 years Replace electrolytic capacitors for DC UPS 5 years Replace input filter

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BC-200F1	DC UPS - Charger	Battery Charger	ElectricalEquipment	UP-200F1	N.A.	1724000372	3W Power	At least every 6 (six) months please measure and record: • Battery voltage • Float voltage of some cells/blocks (as sample) • Surface temperature of some cells/blocks (as sample) • Battery room temperature	At least every 12 (twelve) months please measure and record: • Battery voltage • Float voltage of all cells / blocks • Surface temperature of all cells/blocks • Battery room temperature • Insulation resistance acc. to DIN 43539 part1 At least every 12 (twelve) months please check: • Screw connections • Screw connections without locking devices have to be checked for tightness • Battery installation and arrangement • Ventilation	Maintenance interval Maintenance Task 6 months Check battery voltage 6 months Carry out functional test 12 months Check battery screw connections 40.000 hours Replace fan (*) 10 years Replace electrolytic capacitors for AC UPS 7 years Replace electrolytic capacitors for DC UPS 5 years Replace input filter
BC-200F1A	DC UPS - Charger A	Battery Charger	ElectricalEquipment	UP-200F1	N.A.	1724000372	3W Power	At least every 6 (six) months please measure and record: • Battery voltage • Float voltage of some cells/blocks (as sample) • Surface temperature of some cells/blocks (as sample) • Battery room temperature	At least every 12 (twelve) months please measure and record: • Battery voltage • Float voltage of all cells / blocks • Surface temperature of all cells/blocks • Battery room temperature • Insulation resistance acc. to DIN 43539 part1 At least every 12 (twelve) months please check: • Screw connections • Screw connections without locking devices have to be checked for tightness • Battery installation and arrangement • Ventilation	Maintenance interval Maintenance Task 6 months Check battery voltage 6 months Carry out functional test 12 months Check battery screw connections 40.000 hours Replace fan (*) 10 years Replace electrolytic capacitors for AC UPS 7 years Replace electrolytic capacitors for DC UPS 5 years Replace input filter
BC-200F1B	DC UPS - Charger B	Battery Charger	ElectricalEquipment	UP-200F1	N.A.	1724000372	3W Power	At least every 6 (six) months please measure and record: • Battery voltage • Float voltage of some cells/blocks (as sample) • Surface temperature of some cells/blocks (as sample) • Battery room temperature	At least every 12 (twelve) months please measure and record: • Battery voltage • Float voltage of all cells / blocks • Surface temperature of all cells/blocks • Battery room temperature • Insulation resistance acc. to DIN 43539 part1 At least every 12 (twelve) months please check: • Screw connections • Screw connections without locking devices have to be checked for tightness • Battery installation and arrangement • Ventilation	Maintenance interval Maintenance Task 6 months Check battery voltage 6 months Carry out functional test 12 months Check battery screw connections 40.000 hours Replace fan (*) 10 years Replace electrolytic capacitors for AC UPS 7 years Replace electrolytic capacitors for DC UPS 5 years Replace input filter

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BC-200F2	NAVAID - Charger	Battery Charger	ElectricalEquipment	UP-200F2	N.A.	1724000775	SICE	N/A	Checks and actions: -Verify the general status of the equipment (visual check). -Verify the cable gland (visual check). - Verify the tightening of all interconnection cables (visual check). - Carry out an internal check of the enclosure (visual check). -Check all wiring and cable connection tightening between components and terminal strip (visual check). - Clean the glass of the photocell sensor with a freshwater and a soft cloth. - Clean the glass of the enclosure with a freshwater and a soft cloth. - Close again the junction box by greasing the cover thread with a light layer of anti-seize grease - Check the equipment working (by simulating day/night conditions). Main marine yellow lights: -Check the equipment	N/A
BC-200F3A	AC UPS PAS - Charger-A	Battery Charger	ElectricalEquipment	UP-200F3	N.A.	1724000372	3W Power	At least every 6 (six) months please measure and record: • Battery voltage • Float voltage of some cells/blocks (as sample) • Surface temperature of some cells/blocks (as sample) • Battery room temperature	At least every 12 (twelve) months please measure and record: • Battery voltage • Float voltage of all cells / blocks • Surface temperature of all cells/blocks • Battery room temperature • Insulation resistance acc. to DIN 43539 part1 At least every 12 (twelve) months please check: • Screw connections • Screw connections without locking devices have to be checked for tightness • Battery installation and arrangement • Ventilation	Maintenance interval Maintenance Task 6 months Check battery voltage 6 months Carry out functional test 12 months Check battery screw connections 40.000 hours Replace fan (*) 10 years Replace electrolytic capacitors for AC UPS 7 years Replace electrolytic capacitors for DC UPS 5 years Replace input filter
BC-200F3B	AC UPS PAS - Charger-B	Battery Charger	ElectricalEquipment	UP-200F3	N.A.	1724000372	3W Power	At least every 6 (six) months please measure and record: • Battery voltage • Float voltage of some cells/blocks (as sample) • Surface temperature of some cells/blocks (as sample) • Battery room temperature	At least every 12 (twelve) months please measure and record: • Battery voltage • Float voltage of all cells / blocks • Surface temperature of all cells/blocks • Battery room temperature • Insulation resistance acc. to DIN 43539 part1 At least every 12 (twelve) months please check: • Screw connections • Screw connections without locking devices have to be checked for tightness • Battery installation and arrangement • Ventilation	Maintenance interval Maintenance Task 6 months Check battery voltage 6 months Carry out functional test 12 months Check battery screw connections 40.000 hours Replace fan (*) 10 years Replace electrolytic capacitors for AC UPS 7 years Replace electrolytic capacitors for DC UPS 5 years Replace input filter

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BC-200F4A	AC UPS F&G - Charger-A	Battery Charger	ElectricalEquipment	UP-200F4	N.A.	1724000372	3W Power	At least every 6 (six) months please measure and record: • Battery voltage • Float voltage of some cells/blocks (as sample) • Surface temperature of some cells/blocks (as sample) • Battery room temperature	At least every 12 (twelve) months please measure and record: • Battery voltage • Float voltage of all cells / blocks • Surface temperature of all cells/blocks • Battery room temperature • Insulation resistance acc. to DIN 43539 part1 At least every 12 (twelve) months please check: • Screw connections • Screw connections without locking devices have to be checked for tightness • Battery installation and arrangement • Ventilation	Maintenance interval Maintenance Task 6 months Check battery voltage 6 months Carry out functional test 12 months Check battery screw connections 40.000 hours Replace fan (*) 10 years Replace electrolytic capacitors for AC UPS 7 years Replace electrolytic capacitors for DC UPS 5 years Replace input filter
BC-200F4B	AC UPS F&G - Charger-B	Battery Charger	ElectricalEquipment	UP-200F4	N.A.	1724000372	3W Power	At least every 6 (six) months please measure and record: • Battery voltage • Float voltage of some cells/blocks (as sample) • Surface temperature of some cells/blocks (as sample) • Battery room temperature	At least every 12 (twelve) months please measure and record: • Battery voltage • Float voltage of all cells / blocks • Surface temperature of all cells/blocks • Battery room temperature • Insulation resistance acc. to DIN 43539 part1 At least every 12 (twelve) months please check: • Screw connections • Screw connections without locking devices have to be checked for tightness • Battery installation and arrangement • Ventilation	Maintenance interval Maintenance Task 6 months Check battery voltage 6 months Carry out functional test 12 months Check battery screw connections 40.000 hours Replace fan (*) 10 years Replace electrolytic capacitors for AC UPS 7 years Replace electrolytic capacitors for DC UPS 5 years Replace input filter
BLPH-MV-001	Block & Bleed Valve API 6D FLG 150LB RF BS01C01RFS	Block & Bleed Valve	ManualValve LT2inch	1"-DM-001-01SS-E	123A90-DDL-PR-PID-80011	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-002	Block & Bleed Valve API 6D FLG 150LB RF BA01C01RFHS	Block & Bleed Valve	ManualValve LT2inch	2"-VL-003-01HSS-N	123A90-DDL-PR-PID-80011	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-003	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1"-HY-007-03HSS-N	123A90-DDL-PR-PID-80011	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-005	Block & Bleed Valve API 6D FLG 150LB RF BA01C01RFHS	Block & Bleed Valve	ManualValve GT2inch	6"-VL-010-01HSS-N	123A90-DDL-PR-PID-80012	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-006	Block & Bleed Valve API 6D FLG 150LB RF BA01C01RFHS	Block & Bleed Valve	ManualValve GT2inch	4"-HY-152-01HSS-N	123A90-DDL-PR-PID-80012	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-007	Block & Bleed Valve API 6D FLG 150LB RF BS01C01RFHS	Block & Bleed Valve	ManualValve LT2inch	1"-HY-163-01HSS-N	123A90-DDL-PR-PID-80012	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-009	Block & Bleed Valve API 6D FLG 150LB RF BS01C01RFHS	Block & Bleed Valve	ManualValve LT2inch	1"-HY-163-01HSS-N	123A90-DDL-PR-PID-80012	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-010	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1"-HY-143-03HSS-N	123A90-DDL-PR-PID-80013	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-013	Monoflange Double Block & Bleed Valve API 6D FLG x THRD-F NPT 300LB RF MD03C02YH	Monoflange Block & Bleed Valve	ManualValve LT2inch	1"-HY-007-03HSS-N	123A90-DDL-PR-PID-80013	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-014	Monoflange Double Block & Bleed Valve API 6D FLG x THRD-F NPT 300LB RF MD03C02YH	Monoflange Block & Bleed Valve	ManualValve LT2inch	1"-HY-007-03HSS-N	123A90-DDL-PR-PID-80013	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-016	Block & Bleed Valve API 6D FLG 150LB RF BA01C01RFHS	Block & Bleed Valve	ManualValve LT2inch	2"-HY-023-01HSS-N	123A90-DDL-PR-PID-80012	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-018	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1"-HY-144-03HSS-N	123A90-DDL-PR-PID-80014	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-019	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1"-HY-144-03HSS-N	123A90-DDL-PR-PID-80014	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-024	Ball Valve Split Body FB API 6D FLG 150LB RF BS01C01RFH	Ball Valve Split Body	ManualValve LT2inch	2"-HY-023-01HSS-N	123A90-DDL-PR-PID-80014	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-025	Monoflange Block & Bleed Valve API 6D FLG x THRD-F NPT 150LB RF MS01C02YH	Monoflange Block & Bleed Valve	ManualValve LT2inch	2"-HY-023-01HSS-N	123A90-DDL-PR-PID-80014	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-028	Ball Valve Split Body FB API 6D FLG 150LB RF BS01C01RFH	Ball Valve Split Body	ManualValve LT2inch	2"-HY-023-01HSS-N	123A90-DDL-PR-PID-80014	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-029	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1"-HY-015-03HSS-N	123A90-DDL-PR-PID-80015	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-032	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1-1/2"-HY-024-03HSS-N	123A90-DDL-PR-PID-80015	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-033	Block & Bleed Valve API 6D FLG 150LB RF BA01C01RFHS	Block & Bleed Valve	ManualValve GT2inch	4"-VL-025-01HSS-N	123A90-DDL-PR-PID-80015	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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BLPH-MV-034	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve GT2inch	4"-HY-142-03HSS-N	123A90-DDL-PR-PID-80015	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-035	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve GT2inch	4"-HY-142-03HSS-N	123A90-DDL-PR-PID-80015	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-038	Monoflange Block & Bleed Valve API 6D FLG x THRD-F NPT 150LB RF MS01C02YH	Monoflange Block & Bleed Valve	ManualValve LT2inch	2"-HY-023-01HSS-N	123A90-DDL-PR-PID-80012	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-043	Block & Bleed Valve API 6D FLG 150LB RF BS01F01RFS	Block & Bleed Valve	ManualValve LT2inch	1-1/2"-SWS-031-01SD-E	123A90-DDL-PR-PID-80021	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-044	Ball Valve Split Body FB API 6D FLG 150LB RF BS01F01RF	Ball Valve Split Body	ManualValve LT2inch	1-1/2"-SWS-031-01SD-E	123A90-DDL-PR-PID-80021	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-048	Ball Valve Split Body FB API 6D FLG 150LB RF BS01F01RF	Ball Valve Split Body	ManualValve LT2inch	1"-SWS-222-01SD-E	123A90-DDL-PR-PID-80021	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-050	Block & Bleed Valve API 6D FLG 150LB RF BS01F01RFS	Block & Bleed Valve	ManualValve LT2inch	1-1/2"-SWS-033-01SD-E	123A90-DDL-PR-PID-80021	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-051	Ball Valve Split Body FB API 6D FLG 150LB RF BS01F01RF	Ball Valve Split Body	ManualValve LT2inch	1"-SWS-221-01SD-E	123A90-DDL-PR-PID-80021	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-054	Ball Valve Split Body FB API 6D FLG 150LB RF BS01F01RF	Ball Valve Split Body	ManualValve LT2inch	1-1/2"-SWS-033-01SD-E	123A90-DDL-PR-PID-80021	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-086	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1"-HY-026-03HSS-N	123A90-DDL-PR-PID-80015	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-087	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1"-HY-153-03HSS-N	123A90-DDL-PR-PID-80015	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-088	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1"-HY-153-03HSS-N	123A90-DDL-PR-PID-80015	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-091	Monoflange Double Block & Bleed Valve API 6D FLG x THRD-F NPT 300LB RF MD03C02YH	Monoflange Block & Bleed Valve	ManualValve LT2inch	1"-HY-173-03HSS-N	123A90-DDL-PR-PID-80018	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-092	Monoflange Double Block & Bleed Valve API 6D FLG x THRD-F NPT 300LB RF MD03C02YH	Monoflange Block & Bleed Valve	ManualValve LT2inch	1"-HY-173-03HSS-N	123A90-DDL-PR-PID-80018	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-093	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1"-HY-188-03HSS-N	123A90-DDL-PR-PID-80018	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-094	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1"-HY-188-03HSS-N	123A90-DDL-PR-PID-80018	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-096	Monoflange Double Block & Bleed Valve API 6D FLG x THRD-F NPT 300LB RF MD03C02YH	Monoflange Block & Bleed Valve	ManualValve LT2inch	1"-HY-169-03HSS-N	123A90-DDL-PR-PID-80017	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-097	Monoflange Double Block & Bleed Valve API 6D FLG x THRD-F NPT 300LB RF MD03C02YH	Monoflange Block & Bleed Valve	ManualValve LT2inch	1"-HY-169-03HSS-N	123A90-DDL-PR-PID-80017	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-098	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1"-HY-018-03HSS-N	123A90-DDL-PR-PID-80018	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-149	Ball Valve Split Body FB API 6D FLG 150LB RF BS01C01RF	Ball Valve Split Body	ManualValve LT2inch	1-1/2"-IA-108-01SS-N	123A90-DDL-PR-PID-80027	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-150	Monoflange Block & Bleed Valve API 6D FLG x THRD-F NPT 150LB RF MS01C02Y	Monoflange Block & Bleed Valve	ManualValve LT2inch	1-1/2"-IA-108-01SS-N	123A90-DDL-PR-PID-80027	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-151	Monoflange Block & Bleed Valve API 6D FLG x THRD-F NPT 150LB RF MS01C02Y	Monoflange Block & Bleed Valve	ManualValve LT2inch	1-1/2"-IA-108-01SS-N	123A90-DDL-PR-PID-80027	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-166	Monoflange Block & Bleed Valve API 6D FLG x THRD-F NPT 150LB RF MS01B02Y	Monoflange Block & Bleed Valve	ManualValve LT2inch	1"-N-100-01CS-N	123A90-DDL-PR-PID-80027	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-167	Monoflange Block & Bleed Valve API 6D FLG x THRD-F NPT 150LB RF MS01B02Y	Monoflange Block & Bleed Valve	ManualValve LT2inch	1"-N-100-01CS-N	123A90-DDL-PR-PID-80027	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-171	Globe Valve Needle In Line ASME B16.34 FLG 150LB RF NT01B02RF	Globe Valve Needle	ManualValve LT2inch	1"-N-101-01CS-N	123A90-DDL-PR-PID-80028	1724000799	F.R.I.	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-172	Ball Valve Split Body FB API 6D FLG 150LB RF BS01C01RFH	Ball Valve Split Body	ManualValve LT2inch	1"-N-154-01HSS-N	123A90-DDL-PR-PID-80028	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-191	Block & Bleed Valve API 6D FLG 150LB RF BA01C01RFHS	Block & Bleed Valve	ManualValve GT2inch	4"-VL-112-01HSS-N	123A90-DDL-PR-PID-80017	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-192	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1"-HY-133-03HSS-N	123A90-DDL-PR-PID-80017	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-193	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1"-HY-017-03HSS-N	123A90-DDL-PR-PID-80017	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-194	Block & Bleed Valve API 6D FLG 150LB RF BA01C01RFHS	Block & Bleed Valve	ManualValve GT2inch	4"-VL-113-01HSS-N	123A90-DDL-PR-PID-80018	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-195	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1"-HY-134-03HSS-N	123A90-DDL-PR-PID-80018	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-196	Block & Bleed Valve API 6D FLG 150LB RF BA01C01RFHS	Block & Bleed Valve	ManualValve GT2inch	4"-VL-114-01HSS-N	123A90-DDL-PR-PID-80019	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-197	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1"-HY-135-03HSS-N	123A90-DDL-PR-PID-80019	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-198	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1"-HY-019-03HSS-N	123A90-DDL-PR-PID-80019	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-199	Block & Bleed Valve API 6D FLG 150LB RF BA01C01RFHS	Block & Bleed Valve	ManualValve GT2inch	4"-VL-115-01HSS-N	123A90-DDL-PR-PID-80020	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-200	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1"-HY-136-03HSS-N	123A90-DDL-PR-PID-80020	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-201	Block & Bleed Valve API 6D FLG 150LB RF BA01C01RFHS	Block & Bleed Valve	ManualValve GT2inch	4"-VL-111-01HSS-N	123A90-DDL-PR-PID-80016	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-204	Monoflange Double Block & Bleed Valve API 6D FLG x THRD-F NPT 300LB RF MD03C02YH	Monoflange Block & Bleed Valve	ManualValve LT2inch	1"-HY-164-03HSS-N	123A90-DDL-PR-PID-80015	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-205	Monoflange Double Block & Bleed Valve API 6D FLG x THRD-F NPT 300LB RF MD03C02YH	Monoflange Block & Bleed Valve	ManualValve LT2inch	1"-HY-164-03HSS-N	123A90-DDL-PR-PID-80015	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-206	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1"-HY-186-03HSS-N	123A90-DDL-PR-PID-80016	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-207	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1"-HY-186-03HSS-N	123A90-DDL-PR-PID-80016	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-210	Ball Valve Split Body FB API 6D FLG 150LB RF BS01C01RF	Ball Valve Split Body	ManualValve LT2inch	1"-IA-191-01SS-N	123A90-DDL-PR-PID-80011	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-211	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1"-HY-020-03HSS-N	123A90-DDL-PR-PID-80020	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-212	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1"-HY-143-03HSS-N	123A90-DDL-PR-PID-80013	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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BLPH-MV-213	Monoflange Block & Bleed Valve API 6D FLG x THRD-F NPT 150LB RF MS01C02YH	Monoflange Block & Bleed Valve	ManualValve LT2inch	2"-HY-023-01HSS-N	123A90-DDL-PR-PID-80014	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-214	Ball Valve Split Body FB Manuf.s STD SOCKET 10 Bar BA01P01KT	Ball Valve Split Body	ManualValve LT2inch	1"-CI-029-01CP-E	123A90-DDL-PR-PID-80021	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-215	Globe Valve Manuf.s STD SOCKET 10 Bar HS01P01KT	Globe Valve	ManualValve LT2inch	1"-CI-029-01CP-E	123A90-DDL-PR-PID-80021	1724000799	F.R.I.	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-222	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve GT2inch	4"-HY-167-03HSS-N	123A90-DDL-PR-PID-80016	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-241	Ball Valve Split Body FB API 6D FLG 150LB RF BS01F01RF	Ball Valve Split Body	ManualValve LT2inch	1-1/2"-SWS-035-01SD-E	123A90-DDL-PR-PID-80022	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-264	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve GT2inch	4"-HY-167-03HSS-N	123A90-DDL-PR-PID-80016	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-266	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1-1/2"-HY-166-03HSS-N	123A90-DDL-PR-PID-80016	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-269	Block & Bleed Valve API 6D FLG 150LB RF BS01B01RFS	Ball Valve Split Body	ManualValve LT2inch	1"-WW-079-01CS-H	123A90-DDL-PR-PID-80027	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-270	Ball Valve Split Body FB API 6D FLG 150LB RF BS01C01RF	Ball Valve Split Body	ManualValve LT2inch	1-1/2"-IA-204-01SS-N	123A90-DDL-PR-PID-80027	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-271	Block & Bleed Valve API 6D FLG 150LB RF BS01B01RFS	Ball Valve Split Body	ManualValve LT2inch	1"-N-158-01CS-N	123A90-DDL-PR-PID-80027	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-275	Ball Valve Split Body FB API 6D FLG 150LB RF BS01B01RF	Ball Valve Split Body	ManualValve LT2inch	1"-N-158-01CS-N	123A90-DDL-PR-PID-80027	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-278	Block & Bleed Valve API 6D FLG 150LB RF BS01B01RFS	Ball Valve Split Body	ManualValve LT2inch	1-1/2"-N-197-01CS-N	123A90-DDL-PR-PID-80027	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-282	Monoflange Double Block & Bleed Valve API 6D FLG x THRD-F NPT 300LB RF MD03C02YH	Monoflange Block & Bleed Valve	ManualValve LT2inch	1"-HY-165-03HSS-N	123A90-DDL-PR-PID-80016	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-283	Monoflange Double Block & Bleed Valve API 6D FLG x THRD-F NPT 300LB RF MD03C02YH	Monoflange Block & Bleed Valve	ManualValve LT2inch	1"-HY-165-03HSS-N	123A90-DDL-PR-PID-80016	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-384	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1"-HY-132-03HSS-N	123A90-DDL-PR-PID-80016	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-385	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1"-HY-016-03HSS-N	123A90-DDL-PR-PID-80016	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-386	Monoflange Block & Bleed Valve API 6D FLG x THRD-F NPT 150LB RF MS01B02Y	Monoflange Block & Bleed Valve	ManualValve LT2inch	1"-N-100-01CS-N	123A90-DDL-PR-PID-80027	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-387	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve GT2inch	4"-HY-171-03HSS-N	123A90-DDL-PR-PID-80017	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-388	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve GT2inch	4"-HY-171-03HSS-N	123A90-DDL-PR-PID-80017	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-389	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1-1/2"-HY-170-03HSS-N	123A90-DDL-PR-PID-80017	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-390	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1"-HY-187-03HSS-N	123A90-DDL-PR-PID-80017	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-391	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1"-HY-187-03HSS-N	123A90-DDL-PR-PID-80017	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-400	Ball Valve Split Body FB API 6D FLG 150LB RF BS01B01RF	Ball Valve Split Body	ManualValve LT2inch	1"-WW-292-01CS-H	123A90-DDL-PR-PID-80026	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-401	Globe Valve EN ISO 15761 FLG 150LB RF HS01B02RF	Globe Valve	ManualValve LT2inch	1"-WW-292-01CS-H	123A90-DDL-PR-PID-80026	1724000799	F.R.I.	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-402	Ball Valve Split Body RB API 6D FLG 150LB RF BC01C01RFH	Ball Valve Split Body	ManualValve GT2inch	3"-VL-220-01HSS-N	123A90-DDL-PR-PID-80029	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-404	Ball Valve Split Body FB API 6D FLG 150LB RF BS01C01RFH	Ball Valve Split Body	ManualValve LT2inch	3"-VL-220-01HSS-N	123A90-DDL-PR-PID-80029	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-405	Ball Valve Split Body FB API 6D FLG 150LB RF BS01C01RFH	Ball Valve Split Body	ManualValve LT2inch	3"-VL-220-01HSS-N	123A90-DDL-PR-PID-80029	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-407	Monoflange Block & Bleed Valve API 6D FLG x THRD-F NPT 150LB RF MS01C02YH	Monoflange Block & Bleed Valve	ManualValve LT2inch	3"-VL-220-01HSS-N	123A90-DDL-PR-PID-80029	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-409	Block & Bleed Valve API 6D FLG 150LB RF BS01B01RFS	Ball Valve Split Body	ManualValve LT2inch	1"-WW-259-01CS-E	123A90-DDL-PR-PID-80029	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-411	Monoflange Block & Bleed Valve API 6D FLG x THRD-F NPT 150LB RF MS01B02Y	Monoflange Block & Bleed Valve	ManualValve LT2inch	1-1/2"-WW-073-01CS-H	123A90-DDL-PR-PID-80025	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-412	Ball Valve Split Body FB API 6D FLG 150LB RF BS01B01RF	Ball Valve Split Body	ManualValve LT2inch	1-1/2"-WW-073-01CS-H	123A90-DDL-PR-PID-80025	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-416	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1-1/2"-HY-174-03HSS-N	123A90-DDL-PR-PID-80018	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-417	Ball Valve Split Body FB API 6D FLG 150LB RF BS01B01RF	Ball Valve Split Body	ManualValve LT2inch	1"-WW-260-01CS-E	123A90-DDL-PR-PID-80029	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-418	Globe Valve EN ISO 15761 FLG 150LB RF HS01B02RF	Globe Valve	ManualValve LT2inch	1"-WW-260-01CS-E	123A90-DDL-PR-PID-80029	1724000799	F.R.I.	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-419	Ball Valve Split Body FB API 6D FLG 150LB RF BS01B01RF	Ball Valve Split Body	ManualValve LT2inch	1"-WW-216-01CS-N	123A90-DDL-PR-PID-80029	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-421	Monoflange Double Block & Bleed Valve API 6D FLG x THRD-F NPT 300LB RF MD03C02YH	Monoflange Block & Bleed Valve	ManualValve LT2inch	1"-HY-178-03HSS-N	123A90-DDL-PR-PID-80019	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-422	Monoflange Double Block & Bleed Valve API 6D FLG x THRD-F NPT 300LB RF MD03C02YH	Monoflange Block & Bleed Valve	ManualValve LT2inch	1"-HY-178-03HSS-N	123A90-DDL-PR-PID-80019	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-423	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve GT2inch	4"-HY-175-03HSS-N	123A90-DDL-PR-PID-80018	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-424	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve GT2inch	4"-HY-175-03HSS-N	123A90-DDL-PR-PID-80018	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-426	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1"-HY-189-03HSS-N	123A90-DDL-PR-PID-80019	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-428	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1"-HY-189-03HSS-N	123A90-DDL-PR-PID-80019	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-431	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve GT2inch	4"-HY-180-03HSS-N	123A90-DDL-PR-PID-80019	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-432	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve GT2inch	4"-HY-180-03HSS-N	123A90-DDL-PR-PID-80019	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-433	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1-1/2"-HY-179-03HSS-N	123A90-DDL-PR-PID-80019	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-434	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1"-HY-190-03HSS-N	123A90-DDL-PR-PID-80020	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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BLPH-MV-435	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1"-HY-190-03HSS-N	123A90-DDL-PR-PID-80020	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-438	Monoflange Double Block & Bleed Valve API 6D FLG x THRD-F NPT 300LB RF MD03C02YH	Monoflange Block & Bleed Valve	ManualValve LT2inch	1"-HY-182-03HSS-N	123A90-DDL-PR-PID-80020	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-439	Monoflange Double Block & Bleed Valve API 6D FLG x THRD-F NPT 300LB RF MD03C02YH	Monoflange Block & Bleed Valve	ManualValve LT2inch	1"-HY-182-03HSS-N	123A90-DDL-PR-PID-80020	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-440	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve GT2inch	4"-HY-184-03HSS-N	123A90-DDL-PR-PID-80020	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-441	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve GT2inch	4"-HY-184-03HSS-N	123A90-DDL-PR-PID-80020	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-442	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1-1/2"-HY-183-03HSS-N	123A90-DDL-PR-PID-80020	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-447	Ball Valve Split Body FB API 6D FLG 150LB RF BS01C01RF	Ball Valve Split Body	ManualValve LT2inch	1"-IA-203-01SS-N	123A90-DDL-PR-PID-80041	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-448	Ball Valve Split Body FB API 6D FLG 150LB RF BS01C01RF	Ball Valve Split Body	ManualValve LT2inch	1"-IA-223-01SS-N	123A90-DDL-PR-PID-80041	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-449	Ball Valve Split Body FB API 6D FLG 150LB RF BS01C01RF	Ball Valve Split Body	ManualValve LT2inch	1"-IA-206-01SS-N	123A90-DDL-PR-PID-80041	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-450	Ball Valve Split Body FB API 6D FLG 150LB RF BS01C01RF	Ball Valve Split Body	ManualValve LT2inch	1"-IA-208-01SS-N	123A90-DDL-PR-PID-80041	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-451	Ball Valve Split Body FB API 6D FLG 150LB RF BS01C01RF	Ball Valve Split Body	ManualValve LT2inch	1"-IA-210-01SS-N	123A90-DDL-PR-PID-80041	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-452	Ball Valve Split Body FB API 6D FLG 150LB RF BS01C01RF	Ball Valve Split Body	ManualValve LT2inch	1"-IA-212-01SS-N	123A90-DDL-PR-PID-80041	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-453	Ball Valve Split Body FB API 6D FLG 150LB RF BS01C01RF	Ball Valve Split Body	ManualValve LT2inch	1"-IA-213-01SS-N	123A90-DDL-PR-PID-80041	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-454	Ball Valve Split Body FB API 6D FLG 150LB RF BS01C01RF	Ball Valve Split Body	ManualValve LT2inch	1"-IA-205-01SS-N	123A90-DDL-PR-PID-80041	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-455	Ball Valve Split Body FB API 6D FLG 150LB RF BS01C01RF	Ball Valve Split Body	ManualValve LT2inch	1"-IA-207-01SS-N	123A90-DDL-PR-PID-80041	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-456	Ball Valve Split Body FB API 6D FLG 150LB RF BS01C01RF	Ball Valve Split Body	ManualValve LT2inch	1"-IA-209-01SS-N	123A90-DDL-PR-PID-80041	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-457	Ball Valve Split Body FB API 6D FLG 150LB RF BS01C01RF	Ball Valve Split Body	ManualValve LT2inch	1"-IA-211-01SS-N	123A90-DDL-PR-PID-80041	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-458	Ball Valve Split Body FB API 6D FLG 150LB RF BS01C01RF	Ball Valve Split Body	ManualValve LT2inch	1"-IA-215-01SS-N	123A90-DDL-PR-PID-80041	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-459	Ball Valve Split Body FB API 6D FLG 150LB RF BS01C01RF	Ball Valve Split Body	ManualValve LT2inch	1"-IA-214-01SS-N	123A90-DDL-PR-PID-80041	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-462	Ball Valve Split Body FB API 6D FLG 150LB RF BS01C01RFH	Ball Valve Split Body	ManualValve LT2inch	1"-VL-261-01HSS-E	123A90-DDL-PR-PID-80029	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-463	Ball Valve Split Body FB API 6D FLG 150LB RF BS01C01RFH	Ball Valve Split Body	ManualValve LT2inch	1"-VL-261-01HSS-E	123A90-DDL-PR-PID-80029	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-464	Ball Valve Split Body FB API 6D FLG 150LB RF BA01F01RF	Ball Valve Split Body	ManualValve LT2inch	1-1/2"-SWS-031-01SD-E	123A90-DDL-PR-PID-80021	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-465	Ball Valve Split Body FB API 6D FLG 150LB RF BA01F01RF	Ball Valve Split Body	ManualValve LT2inch	1-1/2"-SWS-033-01SD-E	123A90-DDL-PR-PID-80021	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-466	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1"-HY-007-03HSS-N	123A90-DDL-PR-PID-80011	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-467	Ball Valve Split Body RB API 6D FLG 150LB RF BC01B01RF	Ball Valve Split Body	ManualValve GT2inch	3"-WW-201-01CS-H	123A90-DDL-PR-PID-80026	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-468	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	Double Block & Bleed Valve	ManualValve LT2inch	1-1/2"-HY-148-03HSS-N	123A90-DDL-PR-PID-80014	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-469	Block & Bleed Valve API 6D FLG 150LB RF BS01F01RFS	Block & Bleed Valve	ManualValve LT2inch	1"-SWS-288-01SD-E	123A90-DDL-PR-PID-80021	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-470	Block & Bleed Valve API 6D FLG 150LB RF BS01F01RFS	Block & Bleed Valve	ManualValve LT2inch	1"-SWS-286-01SD-E	123A90-DDL-PR-PID-80021	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-MV-471	Block & Bleed Valve API 6D FLG 150LB RF BS01F01RFS	Block & Bleed Valve	ManualValve LT2inch	1"-SWS-290-01SD-E	123A90-DDL-PR-PID-80022	1724000798	Indra	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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BLPH-MV-500	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1.1/2"-SWS-500-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-501	Diaphragm Valve - Water Treatment Package	Diaphragm Valve	ManualValve LT2inch	1.1/2"-SWS-500-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-502	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1.1/2"-SWS-500-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-503	**Ball Valve - Water Treatment Package**	**Ball Valve**	**ManualValve LT2inch**	**VESSEL_LINE_V-50000A**	**1724000448-PR-PID-00013**	**1724000448**	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-505	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1.1/2"-SWS-503-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-506	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1.1/2"-SWS-503-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-507	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1.1/2"-SWS-504-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-508	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1.1/2"-SWS-504-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-509	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1.1/2"-SWS-504-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-510	Diaphragm Valve - Water Treatment Package	Diaphragm Valve	ManualValve LT2inch	1.1/2"-SWS-504-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-512	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1"-SWS-221-01SD-E	123A90-DDL-PR-PID-80021					

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BLPH-MV-513	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1"-SWS-506-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-514	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1.1/2"-SWS-505-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-516	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1"-SWS-506-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-517	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1.1/2"-SWS-507-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-519	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1"-SWS-508-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-523	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-510-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-525	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1"-SWS-517-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-527	Diaphragm Valve - Water Treatment Package	Diaphragm Valve	ManualValve LT2inch	1"-SWS-517-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-528	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1"-SWS-517-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-529	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1"-SWS-518-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-530	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1"-SWS-519-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-531	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1"-SWS-519-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-533	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1"-SWS-521-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-535	Diaphragm Valve - Water Treatment Package	Diaphragm Valve	ManualValve LT2inch	1"-SWS-521-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-536	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1"-SWS-521-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-537	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1"-SWS-522-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-538	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1"-SWS-523-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-539	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1"-SWS-523-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-544	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1"-SWS-527-06-SD-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-545	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-DM-528-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-548	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CB-536-XX-SD-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-550	Needle Valve - Water Treatment Package	Needle Valve	ManualValve LT2inch	1/2"-CB-537-06-SD-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-553	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1"-SWS-531-06-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-554	**Ball Valve - Water Treatment Package**	**Ball Valve**	**ManualValve LT2inch**	**1"-SWS-531-06-PU-N**	**1724000448-PR-PID-00013**	**1724000448**	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-557	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CB-541-06-SD-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-558	Needle Valve - Water Treatment Package	Needle Valve	ManualValve LT2inch	1/2"-CB-543-06-SD-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-561	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1"-DM-550-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-563	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1"-DM-551-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-564	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-DM-553-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-566	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1"-DM-554-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-568	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-SWR-556-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-569	**Ball Valve - Water Treatment Package**	**Ball Valve**	**ManualValve LT2inch**	**1"-DM-552-00-PU-N**	**1724000448-PR-PID-00013**	**1724000448**	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-570	**Ball Valve - Water Treatment Package**	**Ball Valve**	**ManualValve LT2inch**	**1"-DM-552-00-PU-N**	**1724000448-PR-PID-00013**	**1724000448**	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-571	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1"-DM-552-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-572	Diaphragm Valve - Water Treatment Package	Diaphragm Valve	ManualValve LT2inch	1"-DM-552-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-574	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-562-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-575	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-558-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-576	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-558-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-577	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-559-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-578	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-564-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-579	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-566-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-582	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-509-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-583	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-565-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-584	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-509-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-586	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-WW-571-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-587	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-567-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-588	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-567-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-589	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-568-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-590	**Ball Valve - Water Treatment Package**	**Ball Valve**	**ManualValve LT2inch**	**1/2"-WW-573-00-PU-N**	**1724000448-PR-PID-00013**	**1724000448**	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-591	**Ball Valve - Water Treatment Package**	**Ball Valve**	**ManualValve LT2inch**	**1/2"-WW-575-00-PU-N**	**1724000448-PR-PID-00013**	**1724000448**	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-594	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-510-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-595	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-574-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-596	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-510-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-602	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-WW-598-00-PP-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-603	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-577-00-PP-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-604	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-577-00-PP-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-607	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-501-00-PP-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-608	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-501-00-PP-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-609	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-597-00-PP-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-610	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-578-00-PP-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-613	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-595-00-PP-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-614	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-582x-00-PP-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-615	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-579-00-PP-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-618	**Ball Valve - Water Treatment Package**	**Ball Valve**	**ManualValve LT2inch**	**1/2"-CI-589-00-PP-N**	**1724000448-PR-PID-00013**	**1724000448**	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-619	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-589-00-PP-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-620	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-580-00-PP-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-622	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-594-00-PP-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-624	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-593-00-PP-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-625	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-581-00-PP-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-628	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-590-00-PP-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-629	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-590-00-PP-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-630	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-582-00-PP-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-632	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-596-00-PP-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-634	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-595x-00-PP-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-635	Vent Valve - Water Treatment Package	Vent valve	ManualValve LT2inch	1.1/2"-SWS-500-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-636	**Ball Valve - Water Treatment Package**	**Ball Valve**	**ManualValve LT2inch**	**1-1/2"-SWS-502-00-PU-N**	**1724000448-PR-PID-00013**	**1724000448**	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-637	Diaphragm Valve - Water Treatment Package	Diaphragm Valve	ManualValve LT2inch	1"-SWS-506-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-638	Vent Valve - Water Treatment Package	Vent valve	ManualValve LT2inch	1"-SWS-506-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-639	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-SWS-604-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-640	Vent Valve - Water Treatment Package	Vent valve	ManualValve LT2inch	1"-SWS-517-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-641	Vent Valve - Water Treatment Package	Vent valve	ManualValve LT2inch	1"-SWS-521-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-642	Vent Valve - Water Treatment Package	Vent valve	ManualValve LT2inch	1/2"-DM-528-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-643	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-DM-528-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-644	Diaphragm Valve - Water Treatment Package	Diaphragm Valve	ManualValve LT2inch	1/2"-DM-528-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-645	**Vent Valve - Water Treatment Package**	**Vent valve**	**ManualValve LT2inch**	**1"-SWS-531-06-PU-N**	**1724000448-PR-PID-00013**	**1724000448**	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-646	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1"-SWS-531-06-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-649	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-509-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-651	**Ball Valve - Water Treatment Package**	**Ball Valve**	**ManualValve LT2inch**	**1"-DM-551-00-PU-N**	**1724000448-PR-PID-00013**	**1724000448**	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-652	Vent Valve - Water Treatment Package	Vent valve	ManualValve LT2inch	1"-DM-552-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-654	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1"-DM-552-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-655	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-589-00-PP-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-656	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-CI-590-00-PP-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-657	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1"-SWS-512-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-658	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1"-SWS-512-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-659	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1"-SWS-512-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-660	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-DM-528-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-661	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-DM-528-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-662	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-DM-528-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-663	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1"-DM-552-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-664	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1"-DM-552-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-665	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1"-DM-552-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-667	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-SWS-607-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-668	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-SWS-608-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-MV-669	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-SWS-609-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-MV-670	Ball Valve - Water Treatment Package	Ball Valve	ManualValve LT2inch	1/2"-SWS-610-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-NRV-004	Check Valve Piston EN ISO 15761 FLG 150LB RF CH01F02RF	Check Valve Piston	CheckValve	1-1/2"-SWS-031-01SD-E	123A90-DDL-PR-PID-80021	1724000799	F.R.I.	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-NRV-007	Check Valve Piston Manuf.s STD SOCKET 10 Bar CH01P01KT	Check Valve Piston	CheckValve	1"-CI-030-01CP-E	123A90-DDL-PR-PID-80021	1724000799	F.R.I.	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-NRV-008	Check Valve Piston EN ISO 15761 FLG 150LB RF CH01F02RF	Check Valve Piston	CheckValve	1-1/2"-SWS-033-01SD-E	123A90-DDL-PR-PID-80021	1724000799	F.R.I.	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-NRV-014	Check Valve Piston EN ISO 15761 FLG 300LB RF CH03C02RFH	Check Valve Piston	CheckValve	1"-N-028-03HSS-N	123A90-DDL-PR-PID-80015	1724000799	F.R.I.	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-NRV-019	Check Valve Piston EN ISO 15761 FLG 150LB RF CH01B02RF	Check Valve Piston	CheckValve	1"-N-151-01CS-N	123A90-DDL-PR-PID-80011	1724000799	F.R.I.	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-NRV-020	Check Valve Piston EN ISO 15761 FLG 150LB RF CH01C02RFH	Check Valve Piston	CheckValve	1"-N-154-01HSS-N	123A90-DDL-PR-PID-80028	1724000799	F.R.I.	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-NRV-021	Check Valve Piston EN ISO 15761 FLG 150LB RF CH01C02RFH	Check Valve Piston	CheckValve	1"-N-154-01HSS-N	123A90-DDL-PR-PID-80028	1724000799	F.R.I.	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-NRV-023	Check Valve Piston EN ISO 15761 FLG 300LB RF CH03C02RFH	Check Valve Piston	CheckValve	1"-N-124-03HSS-N	123A90-DDL-PR-PID-80016	1724000799	F.R.I.	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-NRV-024	Check Valve Piston Manuf.s STD SOCKET 10 Bar CH01P01KT	Check Valve Piston	CheckValve	1"-CI-032-01CP-E	123A90-DDL-PR-PID-80021	1724000799	F.R.I.	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-NRV-027	Check Valve Piston EN ISO 15761 FLG 300LB RF CH03C02RFH	Check Valve Piston	CheckValve	1"-N-125-03HSS-N	123A90-DDL-PR-PID-80017	1724000799	F.R.I.	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-NRV-028	Check Valve Piston EN ISO 15761 FLG 150LB RF CH01B02RF	Check Valve Piston	CheckValve	1-1/2"-WW-073-01CS-H	123A90-DDL-PR-PID-80025	1724000799	F.R.I.	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-NRV-029	Check Valve Piston EN ISO 15761 FLG 300LB RF CH03C02RFH	Check Valve Piston	CheckValve	1"-N-126-03HSS-N	123A90-DDL-PR-PID-80018	1724000799	F.R.I.	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-NRV-030	Check Valve Piston EN ISO 15761 FLG 300LB RF CH03C02RFH	Check Valve Piston	CheckValve	1"-N-127-03HSS-N	123A90-DDL-PR-PID-80019	1724000799	F.R.I.	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
BLPH-NRV-031	Check Valve Piston EN ISO 15761 FLG 300LB RF CH03C02RFH	Check Valve Piston	CheckValve	1"-N-128-03HSS-N	123A90-DDL-PR-PID-80020	1724000799	F.R.I.	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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BLPH-NRV-504	Check Valve - Water Treatment Package	Check Valve	CheckValve	1/2"-CI-501-00-PP-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-NRV-512	Check Valve - Water Treatment Package	Check Valve	CheckValve	1"-SWS-506-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-NRV-515	Check Valve - Water Treatment Package	Check Valve	CheckValve	1"-SWS-506-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-NRV-518	Check Valve - Water Treatment Package	Check Valve	CheckValve	1"-SWS-508-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-NRV-522	Check Valve - Water Treatment Package	Check Valve	CheckValve	1/2"-CI-510-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-NRV-526	Check Valve - Water Treatment Package	Check Valve	CheckValve	1"-SWS-517-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-NRV-534	Check Valve - Water Treatment Package	Check Valve	CheckValve	1"-SWS-521-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-NRV-543	Check Valve - Water Treatment Package	Check Valve	CheckValve	P-50004A	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-NRV-546	Check Valve - Water Treatment Package	Check Valve	CheckValve	1/2"-DM-528-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-NRV-549	Check Valve - Water Treatment Package	Check Valve	CheckValve	1/2"-SWS-538-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-NRV-552	Check Valve - Water Treatment Package	Check Valve	CheckValve	P-50004B	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-NRV-555	Check Valve - Water Treatment Package	Check Valve	CheckValve	1"-SWS-531-06-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-NRV-562	Check Valve - Water Treatment Package	Check Valve	CheckValve	1"-DM-551-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-NRV-565	Check Valve - Water Treatment Package	Check Valve	CheckValve	1"-DM-554-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-NRV-580	Check Valve - Water Treatment Package	Check Valve	CheckValve	1/2"-CI-565-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-NRV-581	Check Valve - Water Treatment Package	Check Valve	CheckValve	1/2"-CI-509-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-NRV-592	Check Valve - Water Treatment Package	Check Valve	CheckValve	1/2"-CI-574-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-NRV-593	Check Valve - Water Treatment Package	Check Valve	CheckValve	1/2"-CI-510-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-NRV-606	Check Valve - Water Treatment Package	Check Valve	CheckValve	1/2"-CI-501-00-PP-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-NRV-612	Check Valve - Water Treatment Package	Check Valve	CheckValve	1/2"-CI-595-00-PP-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-NRV-617	Check Valve - Water Treatment Package	Check Valve	CheckValve	1/2"-CI-589-00-PP-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-NRV-623	Check Valve - Water Treatment Package	Check Valve	CheckValve	1/2"-CI-593-00-PP-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-NRV-627	Check Valve - Water Treatment Package	Check Valve	CheckValve	1/2"-CI-590-00-PP-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-NRV-633	Check Valve - Water Treatment Package	Check Valve	CheckValve	1/2"-CI-595x-00-PP-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-NRV-647	Check Valve - Water Treatment Package	Check Valve	CheckValve	1/2"-CB-544-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-NRV-648	Check Valve - Water Treatment Package	Check Valve	CheckValve	1/2"-CI-509-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-NRV-650	Check Valve - Water Treatment Package	Check Valve	CheckValve	1"-DM-524-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BLPH-NRV-653	Check Valve - Water Treatment Package	Check Valve	CheckValve	3"-SWR-515-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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BLPH-NRV-666	Check Valve - Water Treatment Package	Check Valve	CheckValve	3"-SWR-515-00-PU-N	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
BR01	IS Barrier for AI	IS Barrier	TerminalStrip	N.A.	N.A.	1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
BR02	IS Barrier for AI	IS Barrier	TerminalStrip	N.A.	N.A.	1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
BR03	IS Barrier for AI	IS Barrier	TerminalStrip	N.A.	N.A.	1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
BR04	IS Barrier for AI	IS Barrier	TerminalStrip	N.A.	N.A.	1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
BR05	IS Barrier for AI	IS Barrier	TerminalStrip	N.A.	N.A.	1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
BR06	IS Barrier for AI	IS Barrier	TerminalStrip	N.A.	N.A.	1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
BR07	IS Barrier for AI	IS Barrier	TerminalStrip	N.A.	N.A.	1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
BR08	IS Barrier for AI	IS Barrier	TerminalStrip	N.A.	N.A.	1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack

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BR09	IS Barrier for AI	IS Barrier	TerminalStrip	N.A.	N.A.	1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
BR10	IS Barrier for AI	IS Barrier	TerminalStrip	N.A.	N.A.	1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
BR11	IS Barrier for AI	IS Barrier	TerminalStrip	N.A.	N.A.	1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
BR12	IS Barrier for AI	IS Barrier	TerminalStrip	N.A.	N.A.	1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
BR13	IS Barrier for AI	IS Barrier	TerminalStrip	N.A.	N.A.	1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
BR14	IS Barrier for AI	IS Barrier	TerminalStrip	N.A.	N.A.	1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
BR15	IS Barrier for AI	IS Barrier	TerminalStrip	N.A.	N.A.	1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
BR16	IS Barrier for AI	IS Barrier	TerminalStrip	N.A.	N.A.	1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
BR17	IS Barrier for AI	IS Barrier	TerminalStrip	N.A.	N.A.	1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
BR18	IS Barrier for AI	IS Barrier	TerminalStrip	N.A.	N.A.	1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
BR19	IS Barrier for AI	IS Barrier	TerminalStrip	N.A.	N.A.	1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
BR20	IS Barrier for AI	IS Barrier	TerminalStrip	N.A.	N.A.	1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
BR21	IS Barrier for AI	IS Barrier	TerminalStrip	N.A.	N.A.	1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
BR22	IS Barrier for AI	IS Barrier	TerminalStrip	N.A.	N.A.	1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack

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BR23	IS Barrier for AI	IS Barrier	TerminalStrip	N.A.	N.A.	1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
BR24	IS Barrier for AI	IS Barrier	TerminalStrip	N.A.	N.A.	1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
BR25	IS Barrier for AI	IS Barrier	TerminalStrip	N.A.	N.A.	1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
BR26	IS Barrier for AI	IS Barrier	TerminalStrip	N.A.	N.A.	1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
BR27	IS Barrier for AI	IS Barrier	TerminalStrip	N.A.	N.A.	1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
BR28	IS Barrier for AI	IS Barrier	TerminalStrip	N.A.	N.A.	1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
BR29	IS Barrier for AI	IS Barrier	TerminalStrip	N.A.	N.A.	1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
BR30	IS Barrier for AI	IS Barrier	TerminalStrip	N.A.	N.A.	1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
C-20-XA-003/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	20-XA-003	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-20-XS-001/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	20-XS-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-BDV-005/00-JE-22001	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-BDV-005	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-BDV-007/00-JE-22001	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-BDV-007	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-BDV-010/00-JE-22001	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-BDV-010	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-BDV-013/00-JE-22001	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-BDV-013	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-BDV-016/00-JE-22001	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-BDV-016	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-BDV-019/00-JE-22001	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-BDV-019	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-BDV-022/00-JE-22002	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-BDV-022	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-BDY-005/00-JE-23001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-BDY-005	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-BDY-007/00-JE-23001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-BDY-007	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-BDY-010/00-JE-23001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-BDY-010	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-BDY-013/00-JE-23001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-BDY-013	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-BDY-016/00-JE-23001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-BDY-016	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-BDY-019/00-JE-23001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-BDY-019	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-BDY-022/00-JE-23002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-BDY-022	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-FT-031/00-JE-11003	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-FT-031	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-FT-032/00-JE-11003	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-FT-032	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-FT-033/00-JE-11003	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-FT-033	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-FT-034/00-JE-11003	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-FT-034	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-FT-036/00-JE-11003	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-FT-036	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-FT-038/00-JE-11003	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-FT-038	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-FY-031/00-JE-11003	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-FY-031	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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C-25-FY-032/00-JE-11003	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-FY-032	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-FY-033/00-JE-11003	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-FY-033	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-FY-034/00-JE-11003	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-FY-034	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-FY-036/00-JE-11003	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-FY-036	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-FY-038/00-JE-11003	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-FY-038	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-PT-001/00-JE-11003	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-PT-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-PT-002/00-JE-21002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-PT-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-PT-004/00-JE-21001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-PT-004	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-PT-006/00-JE-21001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-PT-006	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-PT-008/00-JE-21001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-PT-008	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-PT-009/00-JE-21001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-PT-009	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-PT-011/00-JE-21001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-PT-011	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-PT-012/00-JE-21001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-PT-012	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-PT-035/00-JE-11001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-PT-035	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-PT-037/00-JE-11001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-PT-037	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-PT-040/00-JE-11001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-PT-040	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-PT-043/00-JE-11001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-PT-043	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-PT-046/00-JE-11001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-PT-046	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-PT-049/00-JE-11001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-PT-049	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-PT-055A/00-JE-11002	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-PT-055A	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-PT-055B/00-JE-11002	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-PT-055B	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-PY-035/00-JE-11001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-PY-035	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-PY-037/00-JE-11001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-PY-037	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-PY-040/00-JE-11001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-PY-040	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-PY-043/00-JE-11001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-PY-043	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-PY-046/00-JE-11001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-PY-046	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-PY-049/00-JE-11001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-PY-049	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-PY-055A/00-JE-11002	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-PY-055A	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-PY-055B/00-JE-11002	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-PY-055B	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-SDV-001/00-JE-22002	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-SDV-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-SDV-023/00-JE-22002	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-SDV-023	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-SDY-001/00-JE-23002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-SDY-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-SDY-023/00-JE-23002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-SDY-023	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-XV-004/00-JE-12004	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-XV-004	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-XV-006/00-JE-12001	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-XV-006	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-XV-008/00-JE-12004	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-XV-008	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-XV-009/00-JE-12001	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-XV-009	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-XV-011/00-JE-12004	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-XV-011	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-XV-012/00-JE-12001	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-XV-012	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-XV-014/00-JE-12004	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-XV-014	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-XV-015/00-JE-12001	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-XV-015	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-XV-017/00-JE-12004	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-XV-017	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-XV-018/00-JE-12001	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-XV-018	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-XV-020/00-JE-12004	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-XV-020	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-XV-021/00-JE-12001	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-XV-021	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-XV-024/00-JE-12005	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-XV-024	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-XY-004/00-JE-13002	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-XY-004	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-XY-006/00-JE-13001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-XY-006	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-XY-008/00-JE-13002	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-XY-008	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-XY-009/00-JE-13001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-XY-009	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-XY-011/00-JE-13002	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-XY-011	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-XY-012/00-JE-13001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-XY-012	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-XY-014/00-JE-13002	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-XY-014	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-XY-015/00-JE-13001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-XY-015	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-XY-017/00-JE-13002	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-XY-017	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-XY-018/00-JE-13001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-XY-018	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-XY-020/00-JE-13002	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-XY-020	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-XY-021/00-JE-13001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-XY-021	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-XY-024/00-JE-13002	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-XY-024	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZSH-031/00-JE-12004	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZSH-031	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZSH-032/00-JE-12004	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZSH-032	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZSH-033/00-JE-12004	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZSH-033	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZSH-034/00-JE-12004	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZSH-034	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZSH-035/00-JE-12002	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZSH-035	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZSH-036/00-JE-12005	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZSH-036	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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C-25-ZSH-037/00-JE-12002	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZSH-037	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZSH-038/00-JE-12005	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZSH-038	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZSH-040/00-JE-12001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZSH-040	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZSH-043/00-JE-12001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZSH-043	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZSH-046/00-JE-12001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZSH-046	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZSH-049/00-JE-12001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZSH-049	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZSH-055A/00-JE-12003	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZSH-055A	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZSH-055B/00-JE-12003	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZSH-055B	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZSL-031/00-JE-12004	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZSL-031	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZSL-032/00-JE-12004	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZSL-032	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZSL-033/00-JE-12004	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZSL-033	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZSL-034/00-JE-12004	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZSL-034	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZSL-035/00-JE-12002	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZSL-035	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZSL-036/00-JE-12005	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZSL-036	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZSL-037/00-JE-12002	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZSL-037	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZSL-038/00-JE-12005	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZSL-038	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZSL-040/00-JE-12001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZSL-040	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZSL-043/00-JE-12001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZSL-043	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZSL-046/00-JE-12001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZSL-046	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZSL-049/00-JE-12001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZSL-049	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZSL-055A/00-JE-12003	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZSL-055A	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZSL-055B/00-JE-12003	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZSL-055B	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZT-031/00-JE-11003	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZT-031	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZT-032/00-JE-11003	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZT-032	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZT-033/00-JE-11003	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZT-033	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZT-034/00-JE-11003	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZT-034	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZT-035/00-JE-11001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZT-035	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZT-036/00-JE-11003	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZT-036	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZT-037/00-JE-11001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZT-037	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZT-038/00-JE-11003	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZT-038	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZT-040/00-JE-11001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZT-040	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZT-043/00-JE-11001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZT-043	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZT-046/00-JE-11001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZT-046	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZT-049/00-JE-11001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZT-049	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZT-055A/00-JE-11002	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZT-055A	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-25-ZT-055B/00-JE-11002	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	25-ZT-055B	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-43-FT-001/00-JE-11002	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	43-FT-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-43-FT-001/43-FE-001A	Armoured Coaxial Cable	I&CCable	I&CCable	43-FT-001	N.A.	1724001317	Baker Hughes	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-43-FT-001/43-FE-001B	Armoured Coaxial Cable	I&CCable	I&CCable	43-FT-001	N.A.	1724001317	Baker Hughes	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-43-LT-001/00-JE-21002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	43-LT-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-43-LT-003/00-JE-11002	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	43-LT-003	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-43-PT-001/00-JE-11002	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	43-PT-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-50-PT-001/00-JE-11004	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	50-PT-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-50-PT-002/00-JE-11004	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	50-PT-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-50-PT-014/00-JE-11004	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	50-PT-014	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-50-TT-001/00-JE-11004	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	50-TT-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-50-TT-002/00-JE-11004	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	50-TT-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-50-XA-003/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	50-XA-003	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-50-XS-001/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	50-XS-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-50-XV-001/00-JE-12006	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	50-XV-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-50-XV-002/00-JE-12006	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	50-XV-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-50-XV-003/00-JE-12006	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	50-XV-003	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-50-XV-004/00-JE-12006	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	50-XV-004	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-50-XY-001/00-JE-13003	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	50-XY-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-50-XY-002/00-JE-13003	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	50-XY-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-50-XY-003/00-JE-13003	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	50-XY-003	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-50-XY-004/00-JE-13003	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	50-XY-004	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-55-LIT-001/00-JE-11005	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	55-LIT-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-63-PT-003/B400-PCS-002	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	63-PT-003	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-63-PT-004/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	63-PT-004	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-63-XA-003/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	63-XA-003	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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C-64001A	PSA Tower	MiscellaneousEquipment	MiscellaneousEquipment	A-64000		1724000437	Coes	Each 6 months check the conditions of the packing: if damaged proceed with replacing -Keep closed all battery limit connections with blind flanges or plugs (supplied with the package), to avoid that humidity, dust or atmospheric pollution enter into the component of the package. -Keep closed all vent and drain valves and all electrical connections. Every 6 month it is suggested to carry out site inspection as per following checklist: -Check that all manual vent and drain valves are closed. - Check that all blind flanges (if any) are closed and correctly tightened: install the flanges and tighten the stud bolts, if necessary. - Check that all terminal boxes are closed and that the internal is clean from sand or dust and that no dew is detected: clean, close of replace them, if necessary. - Check that all instruments, valves are not damaged: replace them, if necessary. - Check that all tubing is properly connected: tighten compression fittings, if necessary	N/A	N/A
C-64001B	PSA Tower	MiscellaneousEquipment	MiscellaneousEquipment	A-64000		1724000437	Coes	Each 6 months check the conditions of the packing: if damaged proceed with replacing -Keep closed all battery limit connections with blind flanges or plugs (supplied with the package), to avoid that humidity, dust or atmospheric pollution enter into the component of the package. -Keep closed all vent and drain valves and all electrical connections. Every 6 month it is suggested to carry out site inspection as per following checklist: -Check that all manual vent and drain valves are closed. - Check that all blind flanges (if any) are closed and correctly tightened: install the flanges and tighten the stud bolts, if necessary. - Check that all terminal boxes are closed and that the internal is clean from sand or dust and that no dew is detected: clean, close of replace them, if necessary. - Check that all instruments, valves are not damaged: replace them, if necessary. - Check that all tubing is properly connected: tighten compression fittings, if necessary	N/A	N/A
C-64-PT-002/00-JE-21002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	64-PT-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-64-PT-031A/00-JE-11004	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	64-PT-031A	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-64-PT-031B/00-JE-11004	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	64-PT-031B	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-64-PY-031A/00-JE-11004	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	64-PY-031A	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-64-PY-031B/00-JE-11004	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	64-PY-031B	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-64-SDV-001/00-JE-22002	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	64-SDV-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-64-SDY-001/00-JE-23002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	64-SDY-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-64-XA-003/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	64-XA-003	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-64-XS-001/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	64-XS-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-64-ZSH-031A/00-JE-12006	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	64-ZSH-031A	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-64-ZSH-031B/00-JE-12006	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	64-ZSH-031B	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-64-ZSL-031A/00-JE-12006	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	64-ZSL-031A	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-64-ZSL-031B/00-JE-12006	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	64-ZSL-031B	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-64-ZT-031A/00-JE-11005	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	64-ZT-031A	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-64-ZT-031B/00-JE-11005	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	64-ZT-031B	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HS-001A/77-HS-001B	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HS-001A	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HS-001B/950-JE-06203	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HS-001B	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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C-77-HS-002A/77-HS-002B	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HS-002A	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HS-002B/950-JE-06203	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HS-002B	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HS-003A/77-HS-003B	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HS-003A	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HS-003B/950-JE-06203	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HS-003B	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HS-004A/77-HS-004B	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HS-004A	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HS-004B/950-JE-04203	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HS-004B	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HS-005A/77-HS-005B	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HS-005A	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HS-005B/950-JE-04203	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HS-005B	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HS-006A/77-HS-006B	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HS-006A	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HS-006B/950-JE-04203	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HS-006B	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HS-007A/77-HS-007B	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HS-007A	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HS-007B/950-JE-04207	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HS-007B	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HS-008A/77-HS-008B	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HS-008A	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HS-008B/950-JE-04207	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HS-008B	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HS-009A/77-HS-009B	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HS-009A	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HS-009B/950-JE-04207	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HS-009B	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HS-010A/77-HS-010B	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HS-010A	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HS-010B/950-JE-04207	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HS-010B	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HS-011A/77-HS-011B	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HS-011A	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HS-011B/950-JE-04207	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HS-011B	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HS-012A/77-HS-012B	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HS-012A	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HS-012B/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HS-012B	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HS-013A/77-HS-013B	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HS-013A	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HS-013B/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HS-013B	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HS-014A/77-HS-014B	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HS-014A	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HS-014B/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HS-014B	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HS-015A/77-HS-015B	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HS-015A	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HS-015B/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HS-015B	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HS-016A/77-HS-016B	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HS-016A	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HS-016B/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HS-016B	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HY-001/77-HS-001A	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HY-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HY-002/77-HS-002A	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HY-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HY-003/77-HS-003A	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HY-003	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HY-004/77-HS-004A	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HY-004	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HY-005/77-HS-005A	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HY-005	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HY-006/77-HS-006A	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HY-006	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HY-007/77-HS-007A	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HY-007	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HY-008/77-HS-008A	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HY-008	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HY-009/77-HS-009A	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HY-009	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HY-010/77-HS-010A	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HY-010	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HY-011/77-HS-011A	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HY-011	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HY-012/77-HS-012A	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HY-012	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HY-013/77-HS-013A	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HY-013	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HY-014/77-HS-014A	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HY-014	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HY-015/77-HS-015A	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HY-015	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-HY-016/77-HS-016A	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-HY-016	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-XA-001/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-XA-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-XA-002/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-XA-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-XA-003/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-XA-003	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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C-77-XA-004/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-XA-004	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-XS-001/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-XS-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-XS-002/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-XS-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-XS-003/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-XS-003	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-XS-004/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-XS-004	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-ZSL-012/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-ZSL-012	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-ZSL-013/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-ZSL-013	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-ZSL-014/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-ZSL-014	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-ZSL-015/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-ZSL-015	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-77-ZSL-016/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	77-ZSL-016	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-80-PT-002/00-JE-21002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	80-PT-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-80-XA-003/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	80-XA-003	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-80-XS-001/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	80-XS-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-80-XV-001/00-JE-12003	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	80-XV-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-80-XY-001/00-JE-13001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	80-XY-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-85-XS-001/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	85-XS-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-ASD-01101/00-JE-22001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-ASD-01101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-ASD-03101/00-JE-22002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-ASD-03101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-ASD-04101/00-JE-22001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-ASD-04101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-ASD-06101/00-JE-22002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-ASD-06101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-ASD-07101/00-JE-22002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-ASD-07101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-ESD-01101/00-JE-22001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-ESD-01101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-ESD-03101/00-JE-22002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-ESD-03101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-ESD-04101/00-JE-22001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-ESD-04101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-ESD-06101/00-JE-22002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-ESD-06101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-ESD-07101/00-JE-22002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-ESD-07101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-ESDD-01101/00-JE-22001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-ESDD-01101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-ESDD-03101/00-JE-22002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-ESDD-03101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-ESDD-04101/00-JE-22001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-ESDD-04101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-ESDD-06101/00-JE-22002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-ESDD-06101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-ESDD-07101/00-JE-22002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-ESDD-07101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-FDZ-01101/950-JE-01101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-FDZ-01101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-FDZ-01102/950-JE-01101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-FDZ-01102	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-FDZ-01103/950-JE-01101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-FDZ-01103	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-FDZ-01104/950-JE-01101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-FDZ-01104	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-FDZ-02101/950-JE-02101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-FDZ-02101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-FDZ-02102/950-JE-02101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-FDZ-02102	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-FDZ-02103/950-JE-02101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-FDZ-02103	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-FDZ-02104/950-JE-02101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-FDZ-02104	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-FDZ-03101/950-JE-03102	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-FDZ-03101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-FDZ-03102/950-JE-03102	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-FDZ-03102	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-FDZ-03103/950-JE-03102	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-FDZ-03103	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-FDZ-03104/950-JE-03102	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-FDZ-03104	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-FDZ-04101/950-JE-04101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-FDZ-04101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-FDZ-04102/950-JE-04101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-FDZ-04102	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-FDZ-04103/950-JE-04101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-FDZ-04103	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-FDZ-04104/950-JE-04101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-FDZ-04104	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-FDZ-05101/950-JE-05101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-FDZ-05101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-FDZ-05102/950-JE-05101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-FDZ-05102	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-FDZ-05103/950-JE-05101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-FDZ-05103	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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C-950-FDZ-05104/950-JE-05101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-FDZ-05104	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-FDZ-06101/950-JE-06101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-FDZ-06101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-FDZ-06102/950-JE-06101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-FDZ-06102	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-01101/950-JE-01102	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-01101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-01102/950-JE-01102	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-01102	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-01103/950-JE-01102	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-01103	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-02101/950-JE-02101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-02101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-02102/950-JE-02101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-02102	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-02103/950-JE-02101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-02103	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-02104/950-JE-02101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-02104	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-02105/950-JE-02101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-02105	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-02106/950-JE-02101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-02106	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-02107/950-JE-02102	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-02107	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-02108/950-JE-02102	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-02108	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-02109/950-JE-02102	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-02109	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-02110/950-JE-02102	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-02110	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-02111/950-JE-02102	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-02111	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-02112/950-JE-02102	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-02112	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-02113/950-JE-02102	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-02113	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-02114/950-JE-02102	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-02114	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-02115/950-JE-02102	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-02115	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-02116/950-JE-02102	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-02116	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-02117/950-JE-02103	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-02117	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-02118/950-JE-02103	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-02118	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-02119/950-JE-02103	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-02119	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-02120/950-JE-02103	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-02120	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-03101/950-JE-03101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-03101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-03102/950-JE-03101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-03102	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-03103/950-JE-03101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-03103	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-03104/950-JE-03101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-03104	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-03105/950-JE-03101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-03105	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-03107/950-JE-03101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-03107	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-03108/950-JE-03101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-03108	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-03109/950-JE-03101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-03109	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-04201/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-04201	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-04202/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-04202	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-04203/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-04203	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-04204/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-04204	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-04205/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-04205	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-04206/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-04206	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-04207/950-JE-04205	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-04207	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-04208/950-JE-04205	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-04208	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-04209/950-JE-04205	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-04209	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-04210/950-JE-04205	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-04210	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-04211/950-JE-04205	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-04211	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-04212/950-JE-04205	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-04212	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-04213/950-JE-04201	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-04213	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-04214/950-JE-04201	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-04214	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-04215/950-JE-04201	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-04215	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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C-950-GDZ-04216/950-JE-04201	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-04216	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-04217/950-JE-04201	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-04217	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-04218/950-JE-04201	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-04218	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-05101/950-JE-05101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-05101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-05102/950-JE-05101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-05102	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-05103/950-JE-05101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-05103	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-05104/950-JE-05101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-05104	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-05105/950-JE-05101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-05105	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-05106/950-JE-05101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-05106	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-06201/950-JE-06201	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-06201	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-06202/950-JE-06201	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-06202	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-06203/950-JE-06201	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-06203	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-06204/950-JE-06201	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-06204	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-06205/950-JE-06201	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-06205	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-GDZ-06206/950-JE-06201	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-GDZ-06206	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-MFA-01101/950-JE-01103	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-MFA-01101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-MFA-01102/950-JE-01103	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-MFA-01102	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-MFA-01103/950-JE-01103	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-MFA-01103	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-MFA-02101/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-MFA-02101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-MFA-03101/950-JE-03103	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-MFA-03101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-MFA-03102/950-JE-03103	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-MFA-03102	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-MFA-03103/950-JE-03103	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-MFA-03103	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-MFA-03104/950-JE-03103	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-MFA-03104	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-MFA-04101/950-JE-04102	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-MFA-04101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-MFA-04102/950-JE-04102	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-MFA-04102	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-MFA-04201/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-MFA-04201	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-MFA-04202/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-MFA-04202	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-MFA-04203/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-MFA-04203	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-MFA-05101/950-JE-05102	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-MFA-05101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-MFA-05102/950-JE-05102	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-MFA-05102	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-MFA-05103/950-JE-05102	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-MFA-05103	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-MFA-05104/950-JE-05102	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-MFA-05104	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-MFA-05201/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-MFA-05201	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-MFA-06101/950-JE-06102	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-MFA-06101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-MFA-06102/950-JE-06102	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-MFA-06102	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-MFA-06201/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-MFA-06201	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-MFA-07101/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-MFA-07101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-MOB-01101/00-JE-22001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-MOB-01101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-MOB-03101/00-JE-22002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-MOB-03101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-MOB-04101/00-JE-22001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-MOB-04101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-MOB-06101/00-JE-22002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-MOB-06101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-MOB-07101/00-JE-22002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-MOB-07101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-SDZ-04201/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-SDZ-04201	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-SDZ-04202/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-SDZ-04202	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-SDZ-04203/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-SDZ-04203	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-SDZ-04204/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-SDZ-04204	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-SDZ-04205/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-SDZ-04205	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-SDZ-04206/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-SDZ-04206	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-SDZ-04207/950-JE-04208	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-SDZ-04207	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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C-950-SDZ-04208/950-JE-04208	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-SDZ-04208	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-SDZ-04209/950-JE-04208	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-SDZ-04209	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-SDZ-04210/950-JE-04208	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-SDZ-04210	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-SDZ-04211/950-JE-04208	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-SDZ-04211	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-SDZ-04212/950-JE-04208	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-SDZ-04212	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-SDZ-04213/950-JE-04204	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-SDZ-04213	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-SDZ-04214/950-JE-04204	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-SDZ-04214	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-SDZ-04215/950-JE-04204	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-SDZ-04215	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-SDZ-04216/950-JE-04204	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-SDZ-04216	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-SDZ-04217/950-JE-04204	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-SDZ-04217	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-SDZ-04218/950-JE-04204	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-SDZ-04218	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-SDZ-06201/950-JE-06204	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-SDZ-06201	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-SDZ-06202/950-JE-06204	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-SDZ-06202	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-SDZ-06203/950-JE-06204	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-SDZ-06203	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-SDZ-06204/950-JE-06204	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-SDZ-06204	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-SDZ-06205/950-JE-06204	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-SDZ-06205	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-SDZ-06206/950-JE-06204	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-SDZ-06206	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XL-01101/950-JE-01104	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XL-01101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XL-01102/950-JE-01104	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XL-01102	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XL-02101/950-JE-02104	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XL-02101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XL-02102/950-JE-02104	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XL-02102	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XL-03101/950-JE-03104	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XL-03101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XL-03102/950-JE-03104	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XL-03102	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XL-03103/950-JE-03104	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XL-03103	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XL-03104/950-JE-03104	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XL-03104	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XL-04101/950-JE-04103	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XL-04101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XL-04102/950-JE-04103	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XL-04102	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XL-04103/950-JE-04103	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XL-04103	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XL-04104/950-JE-04103	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XL-04104	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XL-04201/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XL-04201	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XL-04202/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XL-04202	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XL-04203/950-JE-04207	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XL-04203	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XL-04204/950-JE-04207	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XL-04204	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XL-04205/950-JE-04203	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XL-04205	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XL-04206/950-JE-04203	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XL-04206	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XL-05201/950-JE-05104	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XL-05201	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XL-05202/950-JE-05104	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XL-05202	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XL-06101/950-JE-06103	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XL-06101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XL-06102/950-JE-06103	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XL-06102	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XL-06103/950-JE-06103	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XL-06103	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XL-06104/950-JE-06103	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XL-06104	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XL-06201/950-JE-06203	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XL-06201	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XL-06202/950-JE-06203	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XL-06202	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XL-07101/950-JE-07101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XL-07101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XL-07102/950-JE-07101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XL-07102	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XZ-01101/950-JE-01104	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XZ-01101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XZ-01102/950-JE-01104	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XZ-01102	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XZ-02101/950-JE-02104	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XZ-02101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XZ-03101/950-JE-03104	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XZ-03101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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C-950-XZ-03102/950-JE-03104	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XZ-03102	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XZ-04101/950-JE-04103	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XZ-04101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XZ-04102/950-JE-04103	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XZ-04102	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XZ-04201/B400-FGS-002	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XZ-04201	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XZ-04202/950-JE-04207	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XZ-04202	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XZ-04203/950-JE-04203	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XZ-04203	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XZ-05101/950-JE-05103	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XZ-05101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XZ-05102/950-JE-05103	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XZ-05102	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XZ-05103/950-JE-05103	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XZ-05103	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XZ-05104/950-JE-05103	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XZ-05104	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XZ-05201/950-JE-05104	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XZ-05201	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XZ-06101/950-JE-06103	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XZ-06101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XZ-06201/950-JE-06203	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XZ-06201	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-950-XZ-07101/950-JE-07101	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	950-XZ-07101	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-B100-TDC-001/B400-PCS-002	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B100-TDC-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-B100-TDC-002/B400-PCS-002	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B100-TDC-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-B100-TIR-001/B400-PCS-002	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B100-TIR-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
CB-200F1	DC UPS - Battery Isolator	Battery Isolator	ElectricalEquipment	UP-200F1	N.A.	1724000372	3W Power	At least every 6 (six) months please measure and record: • Battery voltage • Float voltage of some cells/blocks (as sample) • Surface temperature of some cells/blocks (as sample) • Battery room temperature	At least every 12 (twelve) months please measure and record: • Battery voltage • Float voltage of all cells / blocks • Surface temperature of all cells/blocks • Battery room temperature • Insulation resistance acc. to DIN 43539 part1 At least every 12 (twelve) months please check: • Screw connections • Screw connections without locking devices have to be checked for tightness • Battery installation and arrangement • Ventilation	Maintenance interval Maintenance Task 6 months Check battery voltage 6 months Carry out functional test 12 months Check battery screw connections 40.000 hours Replace fan (*) 10 years Replace electrolytic capacitors for AC UPS 7 years Replace electrolytic capacitors for DC UPS 5 years Replace input filter

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CB-200F2	NAVAID - Battery Isolator	Battery Isolator	ElectricalEquipment	NC-200F2	N.A.	1724000775	SICE	N/A	Checks and actions: -Verify the general status of the equipment (visual check). -Verify the cable gland (visual check). - Verify the tightening of all interconnection cables (visual check). - Carry out an internal check of the enclosure (visual check). -Check all wiring and cable connection tightening between components and terminal strip (visual check). - Clean the glass of the photocell sensor with a freshwater and a soft cloth. - Clean the glass of the enclosure with a freshwater and a soft cloth. - Close again the junction box by greasing the cover thread with a light layer of anti-seize grease - Check the equipment working (by simulating day/night conditions). Main marine yellow lights: -Check the equipment	N/A
CB-200F3A	AC UPS PAS - Battery Isolator-A	Battery Isolator	ElectricalEquipment	UPS-200F3	N.A.	1724000372	3W Power	At least every 6 (six) months please measure and record: • Battery voltage • Float voltage of some cells/blocks (as sample) • Surface temperature of some cells/blocks (as sample) • Battery room temperature	At least every 12 (twelve) months please measure and record: • Battery voltage • Float voltage of all cells / blocks • Surface temperature of all cells/blocks • Battery room temperature • Insulation resistance acc. to DIN 43539 part1 At least every 12 (twelve) months please check: • Screw connections • Screw connections without locking devices have to be checked for tightness • Battery installation and arrangement • Ventilation	Maintenance interval Maintenance Task 6 months Check battery voltage 6 months Carry out functional test 12 months Check battery screw connections 40.000 hours Replace fan (*) 10 years Replace electrolytic capacitors for AC UPS 7 years Replace electrolytic capacitors for DC UPS 5 years Replace input filter
CB-200F3B	AC UPS PAS - Battery Isolator-B	Battery Isolator	ElectricalEquipment	UPS-200F3	N.A.	1724000372	3W Power	At least every 6 (six) months please measure and record: • Battery voltage • Float voltage of some cells/blocks (as sample) • Surface temperature of some cells/blocks (as sample) • Battery room temperature	At least every 12 (twelve) months please measure and record: • Battery voltage • Float voltage of all cells / blocks • Surface temperature of all cells/blocks • Battery room temperature • Insulation resistance acc. to DIN 43539 part1 At least every 12 (twelve) months please check: • Screw connections • Screw connections without locking devices have to be checked for tightness • Battery installation and arrangement • Ventilation	Maintenance interval Maintenance Task 6 months Check battery voltage 6 months Carry out functional test 12 months Check battery screw connections 40.000 hours Replace fan (*) 10 years Replace electrolytic capacitors for AC UPS 7 years Replace electrolytic capacitors for DC UPS 5 years Replace input filter

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CB-200F4A	AC UPS F&G - Battery Isolator-A	Battery Isolator	ElectricalEquipment	UP-200F4	N.A.	1724000372	3W Power	At least every 6 (six) months please measure and record: • Battery voltage • Float voltage of some cells/blocks (as sample) • Surface temperature of some cells/blocks (as sample) • Battery room temperature	At least every 12 (twelve) months please measure and record: • Battery voltage • Float voltage of all cells / blocks • Surface temperature of all cells/blocks • Battery room temperature • Insulation resistance acc. to DIN 43539 part1 At least every 12 (twelve) months please check: • Screw connections • Screw connections without locking devices have to be checked for tightness • Battery installation and arrangement • Ventilation	Maintenance interval Maintenance Task 6 months Check battery voltage 6 months Carry out functional test 12 months Check battery screw connections 40.000 hours Replace fan (*) 10 years Replace electrolytic capacitors for AC UPS 7 years Replace electrolytic capacitors for DC UPS 5 years Replace input filter
CB-200F4B	AC UPS F&G - Battery Isolator-B	Battery Isolator	ElectricalEquipment	UP-200F4	N.A.	1724000372	3W Power	At least every 6 (six) months please measure and record: • Battery voltage • Float voltage of some cells/blocks (as sample) • Surface temperature of some cells/blocks (as sample) • Battery room temperature	At least every 12 (twelve) months please measure and record: • Battery voltage • Float voltage of all cells / blocks • Surface temperature of all cells/blocks • Battery room temperature • Insulation resistance acc. to DIN 43539 part1 At least every 12 (twelve) months please check: • Screw connections • Screw connections without locking devices have to be checked for tightness • Battery installation and arrangement • Ventilation	Maintenance interval Maintenance Task 6 months Check battery voltage 6 months Carry out functional test 12 months Check battery screw connections 40.000 hours Replace fan (*) 10 years Replace electrolytic capacitors for AC UPS 7 years Replace electrolytic capacitors for DC UPS 5 years Replace input filter
C-B200-TDC-001/B400-PCS-002	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B200-TDC-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-B200-TDC-002/B400-PCS-002	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B200-TDC-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-B200-TIR-001/B400-PCS-002	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B200-TIR-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-B300-TDC-001/B400-PCS-002	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B300-TDC-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-B300-TDC-002/B400-PCS-002	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B300-TDC-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-B300-TIR-001/B400-PCS-002	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B300-TIR-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-B400-TDC-001/B400-PCS-002	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-TDC-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-B400-TDC-002/B400-PCS-002	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-TDC-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-B400-TIR-001/B400-PCS-002	Cu-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	B400-TIR-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-CB-200F1/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	CB-200F1	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-CB-200F3A/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	CB-200F3A	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-CB-200F3B/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	CB-200F3B	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-CB-200F4A/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	CB-200F4A	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-CB-200F4B/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	CB-200F4B	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-CP-100E1/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	CP-100E1	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-GPSANT	GPS Antenna	Antenna	JunctionBox	N.A.						
CN-200N1	Impressed Current Cathodic Protection (ICCP) System	ElectricalEquipment	ElectricalEquipment	DP-200N1	N.A.	CPI-002	Corrosion			
C-NC-200F2/B400-FGS-002.01	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	NC-200F2	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-NC-200F2/B400-FGS-002.02	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	NC-200F2	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-NC-200F2/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	NC-200F2	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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CP-100E1	LCP GIS	Control Panel	ElectricalEquipment	B-100	N.A.	1723001595	Hyosung	N/A	N/A	Ordinary Inspection (Every 5 year) Disconnecting and Earthing switch -Visual window check -Operation with Manual tool and electric power -Operating characteristic DS&ES Mechanism -Indicator - Lever and link, pins - Gear box linkage adjustment - Spacer heater -Auxiliary switch - Wiring - Limit switch - lubrication(if applicable) High speed earthing switch -Visual window check - Operation with Manual tool and electric power - Operating characteristic HES Mechanism -Indicator - Shock absorber leakage - Lever and link, pins Spacer heater Auxiliary switch Limit switch Wiring lubrication(if applicable) Others -Optical lamp of local control panel -function test of local control panel (interlock, operating, Lamp) -Wiring of CT & local control panel -Insulation resistance Detail inspection (Every 20 year) -Gas pressure with gauge -Gas piping and valve -Gas pressure with tool -Local point gas leak test(If more than one alarm per year) - Moisture
CP-100E1/B400-NET-001.01	FO-LSZH-SWB-LSZH	I&CCable	I&CCable	CP-100E1	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
CP-100E1/B400-NET-001.02	FO-LSZH-SWB-LSZH	I&CCable	I&CCable	CP-100E1	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
CP-100E2	Auxiliary Trafo OLTC	Control Panel	Panel	B-100		1723001697	MF Trasformatori	N/A	N/A	Before to energize -Check of the oil level indicator* -Check of the silica gel salts * -Cleaning of the bushings -Buchholz relay check -Check of the connection tightening 6 MONTHS -Check of the oil level indicator Every 6 months- -Check of the silica gel salts -Buchholz relay check Yearly -Cleaning of the bushings -Check of the connection tightening -Dielectric strength * Every two years -Insulating liquid filtering By low dielectric strenght -Insulating liquid filtering
CP-100E3	66/6.6 kV, 7MVA Transformer AVR	Control Panel	Panel	B-100		1723001697	MF Trasformatori	N/A	N/A	Before to energize -Check of the oil level indicator* -Check of the silica gel salts * -Cleaning of the bushings -Buchholz relay check -Check of the connection tightening 6 MONTHS -Check of the oil level indicator Every 6 months- -Check of the silica gel salts -Buchholz relay check Yearly -Cleaning of the bushings -Check of the connection tightening -Dielectric strength * Every two years -Insulating liquid filtering By low dielectric strenght -Insulating liquid filtering

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CP-100E4	Auxiliary Trafo 7MVA	Control Panel	Panel	B-100		1723001697	MF Trasformatori	N/A	N/A	Before to energize -Check of the oil level indicator* -Check of the silica gel salts * -Cleaning of the bushings -Buchholz relay check -Check of the connection tightening 6 MONTHS -Check of the oil level indicator Every 6 months- -Check of the silica gel salts -Buchholz relay check Yearly -Cleaning of the bushings -Check of the connection tightening -Dielectric strength * Every two years -Insulating liquid filtering By low dielectric strenght -Insulating liquid filtering
CP-200E1	6.6/0.4kV 1.6MVA Auxiliary Transformer	Control Panel	Panel	B-100		1723001697	MF Trasformatori	N/A	N/A	Before to energize -Check of the oil level indicator* -Check of the silica gel salts * -Cleaning of the bushings -Buchholz relay check -Check of the connection tightening 6 MONTHS -Check of the oil level indicator Every 6 months- -Check of the silica gel salts -Buchholz relay check Yearly -Cleaning of the bushings -Check of the connection tightening -Dielectric strength * Every two years -Insulating liquid filtering By low dielectric strenght -Insulating liquid filtering
CP-200E2	0.5MVA, Auxiliary Solar Transformer	Control Panel	Panel	B-200		1723001697	MF Trasformatori	N/A	N/A	Before to energize -Check of the oil level indicator* -Check of the silica gel salts * -Cleaning of the bushings -Buchholz relay check -Check of the connection tightening 6 MONTHS -Check of the oil level indicator Every 6 months- -Check of the silica gel salts -Buchholz relay check Yearly -Cleaning of the bushings -Check of the connection tightening -Dielectric strength * Every two years -Insulating liquid filtering By low dielectric strenght -Insulating liquid filtering

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CP-630E1	UCP - Instrument Air Package A-63000	Control Panel	Panel	A-63000	1724000428-PR-PID-00019	1724000428	Coes	Each 6 months check the conditions of the packing: if damaged proceed with replacing -Keep closed all battery limit connections with blind flanges or plugs (supplied with the package), to avoid that humidity, dust or atmospheric pollution enter into the component of the package. -Keep closed all vent and drain valves and all electrical connections. Every 6 month it is suggested to carry out site inspection as per following checklist: -Check that all manual vent and drain valves are closed. - Check that all blind flanges (if any) are closed and correctly tightened: install the flanges and tighten the stud bolts, if necessary. - Check that all terminal boxes are closed and that the internal is clean from sand or dust and that no dew is detected: clean, close of replace them, if necessary. - Check that all instruments, valves are not damaged: replace them, if necessary. - Check that all tubing is properly connected: tighten compression fittings, if necessary	N/A	N/A
CP-640E1	UCP - N2 Package Auxiliary	Control Panel	Panel	A-64000	1724000437-PR-PID-00018	1724000437	Coes	Each 6 months check the conditions of the packing: if damaged proceed with replacing -Keep closed all battery limit connections with blind flanges or plugs (supplied with the package), to avoid that humidity, dust or atmospheric pollution enter into the component of the package. -Keep closed all vent and drain valves and all electrical connections. Every 6 month it is suggested to carry out site inspection as per following checklist: -Check that all manual vent and drain valves are closed. - Check that all blind flanges (if any) are closed and correctly tightened: install the flanges and tighten the stud bolts, if necessary. - Check that all terminal boxes are closed and that the internal is clean from sand or dust and that no dew is detected: clean, close of replace them, if necessary. - Check that all instruments, valves are not damaged: replace them, if necessary. - Check that all tubing is properly connected: tighten compression fittings, if necessary	N/A	N/A
CP-850E1	BESS LV1 Cabinet (+DISTR 1)	Cabinet	Panel	A-85000		CPI-001	Statron			
CP-850E2	BESS LV2 Cabinet (+DISTR 2)	Cabinet	Panel	A-85000		CPI-001	Statron			
CP-850E3	BESS PCS Cabinet	Cabinet	Panel	A-85000		CPI-001	Statron			
C-SG-100D1-001/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	SG-100D1-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-SG-100D1-002/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	SG-100D1-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-SG-100D1-003/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	SG-100D1-003	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-SG-200N1-001/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	SG-200N1-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-SG-200N1-002/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	SG-200N1-002	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
Cu-MICA-XLPE-OS-LSZH-SWB-LSZH-	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	63-XS-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-UP-200F1/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	UP-200F1	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
C-UP-200F4/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	UP-200F4	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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D-63001A	Dryer Unit 1	Vessel	Vessel	A-63000	1724000428-PR-PID-00019	1724000428	Coes	Each 6 months check the conditions of the packing: if damaged proceed with replacing -Keep closed all battery limit connections with blind flanges or plugs (supplied with the package), to avoid that humidity, dust or atmospheric pollution enter into the component of the package. -Keep closed all vent and drain valves and all electrical connections. Every 6 month it is suggested to carry out site inspection as per following checklist: -Check that all manual vent and drain valves are closed. - Check that all blind flanges (if any) are closed and correctly tightened: install the flanges and tighten the stud bolts, if necessary. - Check that all terminal boxes are closed and that the internal is clean from sand or dust and that no dew is detected: clean, close of replace them, if necessary. - Check that all instruments, valves are not damaged: replace them, if necessary. - Check that all tubing is properly connected: tighten compression fittings, if necessary	N/A	N/A
D-63001B	Dryer Unit 1	Vessel	Vessel	A-63000	1724000428-PR-PID-00019	1724000428	Coes	Each 6 months check the conditions of the packing: if damaged proceed with replacing -Keep closed all battery limit connections with blind flanges or plugs (supplied with the package), to avoid that humidity, dust or atmospheric pollution enter into the component of the package. -Keep closed all vent and drain valves and all electrical connections. Every 6 month it is suggested to carry out site inspection as per following checklist: -Check that all manual vent and drain valves are closed. - Check that all blind flanges (if any) are closed and correctly tightened: install the flanges and tighten the stud bolts, if necessary. - Check that all terminal boxes are closed and that the internal is clean from sand or dust and that no dew is detected: clean, close of replace them, if necessary. - Check that all instruments, valves are not damaged: replace them, if necessary. - Check that all tubing is properly connected: tighten compression fittings, if necessary	N/A	N/A

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D-63002A	Dryer Unit 2	Vessel	Vessel	A-63000	1724000428-PR-PID-00019	1724000428	Coes	Each 6 months check the conditions of the packing: if damaged proceed with replacing -Keep closed all battery limit connections with blind flanges or plugs (supplied with the package), to avoid that humidity, dust or atmospheric pollution enter into the component of the package. -Keep closed all vent and drain valves and all electrical connections. Every 6 month it is suggested to carry out site inspection as per following checklist: -Check that all manual vent and drain valves are closed. - Check that all blind flanges (if any) are closed and correctly tightened: install the flanges and tighten the stud bolts, if necessary. - Check that all terminal boxes are closed and that the internal is clean from sand or dust and that no dew is detected: clean, close of replace them, if necessary. - Check that all instruments, valves are not damaged: replace them, if necessary. - Check that all tubing is properly connected: tighten compression fittings, if necessary	N/A	N/A
D-63002B	Dryer Unit 2	Vessel	Vessel	A-63000	1724000428-PR-PID-00019	1724000428	Coes	Each 6 months check the conditions of the packing: if damaged proceed with replacing -Keep closed all battery limit connections with blind flanges or plugs (supplied with the package), to avoid that humidity, dust or atmospheric pollution enter into the component of the package. -Keep closed all vent and drain valves and all electrical connections. Every 6 month it is suggested to carry out site inspection as per following checklist: -Check that all manual vent and drain valves are closed. - Check that all blind flanges (if any) are closed and correctly tightened: install the flanges and tighten the stud bolts, if necessary. - Check that all terminal boxes are closed and that the internal is clean from sand or dust and that no dew is detected: clean, close of replace them, if necessary. - Check that all instruments, valves are not damaged: replace them, if necessary. - Check that all tubing is properly connected: tighten compression fittings, if necessary	N/A	N/A
DP-200F1	DC UPS DB	Distribution Panel	ElectricalEquipment	B-200	N.A.	1724000372	3W Power	At least every 6 (six) months please measure and record: • Battery voltage • Float voltage of some cells/blocks (as sample) • Surface temperature of some cells/blocks (as sample) • Battery room temperature	At least every 12 (twelve) months please measure and record: • Battery voltage • Float voltage of all cells / blocks • Surface temperature of all cells/blocks • Battery room temperature • Insulation resistance acc. to DIN 43539 part1 At least every 12 (twelve) months please check: • Screw connections • Screw connections without locking devices have to be checked for tightness • Battery installation and arrangement • Ventilation	Maintenance interval Maintenance Task 6 months Check battery voltage 6 months Carry out functional test 12 months Check battery screw connections 40.000 hours Replace fan (*) 10 years Replace electrolytic capacitors for AC UPS 7 years Replace electrolytic capacitors for DC UPS 5 years Replace input filter

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DP-200F3	AC UPS - PAS DB	Distribution Panel	ElectricalEquipment	B-200	N.A.	1724000372	3W Power	At least every 6 (six) months please measure and record: • Battery voltage • Float voltage of some cells/blocks (as sample) • Surface temperature of some cells/blocks (as sample) • Battery room temperature	At least every 12 (twelve) months please measure and record: • Battery voltage • Float voltage of all cells / blocks • Surface temperature of all cells/blocks • Battery room temperature • Insulation resistance acc. to DIN 43539 part1 At least every 12 (twelve) months please check: • Screw connections • Screw connections without locking devices have to be checked for tightness • Battery installation and arrangement • Ventilation	Maintenance interval Maintenance Task 6 months Check battery voltage 6 months Carry out functional test 12 months Check battery screw connections 40.000 hours Replace fan (*) 10 years Replace electrolytic capacitors for AC UPS 7 years Replace electrolytic capacitors for DC UPS 5 years Replace input filter
DP-200F4	**AC UPS - F&G DB**	**Distribution Panel**	**ElectricalEquipment**	**B-200**	**N.A.**	**1724000372**	3W Power	At least every 6 (six) months please measure and record: • Battery voltage • Float voltage of some cells/blocks (as sample) • Surface temperature of some cells/blocks (as sample) • Battery room temperature	At least every 12 (twelve) months please measure and record: • Battery voltage • Float voltage of all cells / blocks • Surface temperature of all cells/blocks • Battery room temperature • Insulation resistance acc. to DIN 43539 part1 At least every 12 (twelve) months please check: • Screw connections • Screw connections without locking devices have to be checked for tightness • Battery installation and arrangement • Ventilation	Maintenance interval Maintenance Task 6 months Check battery voltage 6 months Carry out functional test 12 months Check battery screw connections 40.000 hours Replace fan (*) 10 years Replace electrolytic capacitors for AC UPS 7 years Replace electrolytic capacitors for DC UPS 5 years Replace input filter
DP-200N1	DB - Lighting & Small Power - BoP	DistributionPanel	DistributionPanel	SG-200N1		1723002197	Imesa	N/A	Metallic structure - --Cleaning and retouching Mechanical drives ---clean and remove rust Force blocks---Check the blocking sequence Stop blocks/Safety blocks--- Adjust the tie rods Disconnecting contacts---Wipe with a cloth soaked in alcohol and protect the areas with petroleum jelly Switch trolley/Contactor trolley/Special trolley---Perform the recommended maintenance Earthing connection components connections to the earthing system---Clean with thinner /Rub the oxidation traces with emery clothTighten the screws Auxiliary circuits	2 YEARS MAINTENANCE Painted or galvanised parts---Clean and/or remove rust Fixed contacts---Wipe with a cloth soaked in alcohol and protect the areas with silicone grease spray

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DP200N1-MCT-A1	**S 8X2 PRIMED**	**Distribution Panel**	**ElectricalEquipment**	**DP-200N1**	**N.A.**	**1723002197**	Imesa	N/A	Metallic structure - -- Cleaning and retouching Mechanical drives --- clean and remove rust Force blocks---Check the blocking sequence Stop blocks/Safety blocks--- Adjust the tie rods Disconnecting contacts---Wipe with a cloth soaked in alcohol and protect the areas with petroleum jelly Switch trolley/Contactor trolley/Special trolley---Perform the recommended maintenance Earthing connection components connections to the earthing system---Clean with thinner /Rub the oxidation traces with emery clothTighten the screws Auxiliary circuits	2 YEARS MAINTENANCE Painted or galvanised parts---Clean and/or remove rust Fixed contacts---Wipe with a cloth soaked in alcohol and protect the areas with silicone grease spray
EAJ-200-01	ICCP JB INTERNAL	ElectricalJunctionBox	ElectricalJunctionBox	B-200	N.A.	CPI-002	Corrosion			
EAJ-200-02	ICCP JB EXTERNAL	ElectricalJunctionBox	ElectricalJunctionBox	B-200	N.A.	CPI-002	Corrosion			
EAT-200N1-01	**Trace Heating - Remote Ambient Thermostat**	**ElectricalEquipment**	**ElectricalEquipment**	**B-200**	**N.A.**	**1724001647**	nVent	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EB01	Structure Earth Point	ElectricalEquipment	ElectricalEquipment	N.A.	N.A.	1723001697	MF Trasformatori	N/A	N/A	Before to energize -Check of the oil level indicator* -Check of the silica gel salts * -Cleaning of the bushings -Buchholz relay check -Check of the connection tightening 6 MONTHS -Check of the oil level indicator Every 6 months- -Check of the silica gel salts -Buchholz relay check Yearly -Cleaning of the bushings -Check of the connection tightening -Dielectric strength * Every two years -Insulating liquid filtering By low dielectric strenght -Insulating liquid filtering
EJB-200F2-01	Top Obstruction Lights Junction Box	ElectricalJunctionBox	ElectricalJunctionBox	DP-200F2	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200F2-02	Intermediate obstruction lights junction box	ElectricalJunctionBox	ElectricalJunctionBox	DP-200F2	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-02-L1-01	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-02-L1-02	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-02-L1-03	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-02-L1-05	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-02-L1-06	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-02-L1-07	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-02-L1-08	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-02-L1-09	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-02-L1-10	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-02-L1-11	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-02-L1-12	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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EJB-200N1-02-L1-13	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-02-L1-14	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-02-L1-15	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-02-L1-16	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-02-L1-17	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-02-L1-18	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-02-L1-19	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-02-L1-20	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-03-L2-01	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-03-L2-02	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-03-L2-03	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-03-L2-04	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-03-L2-05	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-03-L2-06	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-03-L2-07	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-03-L2-08	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-03-L2-09	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-03-L2-10	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-03-L2-11	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-03-L2-12	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-03-L2-13	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-03-L2-14	Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-04-L3-01	Stair Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-04-L3-02	Stair Normal Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-08-L1-01	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-08-L1-03	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-08-L1-04	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-08-L1-05	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-08-L1-06	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-08-L1-07	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-08-L1-08	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-08-L1-09	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-08-L1-10	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-08-L1-11	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-08-L1-12	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-08-L1-14	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-08-L1-15	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-08-L1-16	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-08-L1-17	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-08-L1-18	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-08-L1-19	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-08-L1-20	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-09-L2-01	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-09-L2-02	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-09-L2-04	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-09-L2-05	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-09-L2-06	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-09-L2-07	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-09-L2-08	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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EJB-200N1-09-L2-09	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-09-L2-10	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-09-L2-11	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-09-L2-12	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-09-L2-13	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-09-L2-14	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-09-L2-15	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-09-L2-16	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-09-L2-17	Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-10-L3-01	Stair Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-10-L3-02	Stair Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-10-L3-03	Stair Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-10-L3-04	Stair Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-10-L3-05	Stair Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-10-L3-06	Stair Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-10-L3-07	Stair Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-10-L3-08	Stair Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-10-L3-09	Stair Emergency Lighting JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-14-L1-01	TRACE HEATING - PROCESS LINES FEEDER 1 (SWS LINES) Cold JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-15-L2-01	TRACE HEATING - PROCESS LINES FEEDER 2 (CI LINES) Cold JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-17-L1-01	TRACE HEATING - PROCESS LINES (WW LINES & LT) Cold JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
EJB-200N1-20-L1-01	TRACE HEATING - Cold JB SEA WATER PUMPS	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-02-L1-01	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-02-L1-02	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-02-L1-03	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-02-L1-04	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-02-L1-05	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-02-L1-06	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-02-L1-07	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-02-L1-08	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-02-L1-09	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-02-L1-10	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-02-L1-11	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-02-L1-12	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-02-L1-13	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-02-L1-14	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-02-L1-15	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-02-L1-16	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-02-L1-17	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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ELF-200N1-02-L1-18	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-02-L1-19	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-02-L1-20	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-02-L1-21	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-02-L1-22	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-02-L1-23	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-02-L1-24	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-02-L1-25	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-03-L2-01	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-03-L2-02	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-03-L2-03	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-03-L2-04	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-03-L2-05	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-03-L2-06	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-03-L2-07	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-03-L2-08	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-03-L2-09	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-03-L2-10	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-03-L2-11	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-03-L2-12	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-03-L2-13	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-03-L2-14	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-03-L2-15	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-03-L2-16	Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-04-L3-01	Stair Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-04-L3-02	Stair Normal Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-08-L1-01	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-08-L1-02	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-08-L1-03	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-08-L1-04	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-08-L1-05	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-08-L1-06	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-08-L1-07	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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ELF-200N1-08-L1-08	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-08-L1-09	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-08-L1-10	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-08-L1-11	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-08-L1-12	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-08-L1-13	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-08-L1-14	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-08-L1-15	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-08-L1-16	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-08-L1-17	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-08-L1-18	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-08-L1-19	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-08-L1-20	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-08-L1-21	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-08-L1-22	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-08-L1-23	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-09-L2-01	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-09-L2-02	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-09-L2-03	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-09-L2-04	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-09-L2-05	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-09-L2-06	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-09-L2-07	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-09-L2-08	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-09-L2-09	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-09-L2-10	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-09-L2-11	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-09-L2-12	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-09-L2-13	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-09-L2-14	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-09-L2-15	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-09-L2-16	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-09-L2-17	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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ELF-200N1-09-L2-18	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-09-L2-19	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-09-L2-20	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-09-L2-21	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-09-L2-22	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-09-L2-23	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-09-L2-24	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-09-L2-25	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-10-L3-01	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-10-L3-02	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-10-L3-03	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-10-L3-04	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-10-L3-05	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-10-L3-06	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-10-L3-07	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-10-L3-08	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-10-L3-09	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-10-L3-10	Emergency Lighting Fixture	ElectricalJunctionBox	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-10-L3-11	Emergency Lighting Fixture	ElectricalJunctionBox	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-10-L3-12	Emergency Lighting Fixture	ElectricalJunctionBox	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-10-L3-13	Emergency Lighting Fixture	ElectricalJunctionBox	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELF-200N1-10-L3-14	Emergency Lighting Fixture	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724001290	Cortem Spa	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ELS-100N1-02-L1-01	**Lighting Push Button inside HV Room**	**ElectricalLightingEquipment**	**ElectricalLightingEquipment**	**B-100**	**N.A.**	**1724000049**	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A

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ELS-100N1-02-L1-02	**Lighting Push Button inside HV Room**	**ElectricalLightingEquipment**	**ElectricalLightingEquipment**	**B-100**	**N.A.**	**1724000049**	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
ELS-200N1-09-L2-01	Local Switch	ElectricalLightingEquipment	ElectricalLightingEquipment	DP-200N1	N.A.	1724002398	Rexel			
ELS-200N2-02-L1-01	Lighting Push Button inside LV Room	ElectricalLightingEquipment	ElectricalLightingEquipment	B-200	N.A.	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
ELS-200N2-02-L1-02	Lighting Push Button inside LV Room	ElectricalLightingEquipment	ElectricalLightingEquipment	B-200	N.A.	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
ELS-300N1-02-L1-01	Lighting Push Button inside UPS Room	ElectricalLightingEquipment	ElectricalLightingEquipment	B-300	N.A.	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
ELS-300N1-02-L1-02	Lighting Push Button inside UPS Room	ElectricalLightingEquipment	ElectricalLightingEquipment	B-300	N.A.	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A

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ELS-400N1-02-L1-01	**Lighting Circuit inside Instrument Room**	**ElectricalLightingEquipment**	**ElectricalLightingEquipment**	**B-400**	**N.A.**	**1724000049**	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
E-MCT-101	**MCT S 6X2 AISI316**	**Multi Cable Transit**	**ElectricalEquipment**	**Lower Deck**	**N.A.**	**1724000049**	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
E-MCT-102	**MCT S 6X2 AISI316**	**Multi Cable Transit**	**ElectricalEquipment**	**Lower Deck**	**N.A.**	**1724000049**	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
E-MCT-103	**MCT S 6X2 PRIMED-60**	**Multi Cable Transit**	**ElectricalEquipment**	**Lower Deck**	**N.A.**	**1724000049**	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
E-MCT-104	**MCT S 6X1 PRIMED-60**	**Multi Cable Transit**	**ElectricalEquipment**	**Lower Deck**	**N.A.**	**1724000049**	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A

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E-MCT-105	**MCT S 6X2 PRIMED-60**	**Multi Cable Transit**	**ElectricalEquipment**	**Lower Deck**	**N.A.**	**1724000049**	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
E-MCT-106	**MCT S 6X2 PRIMED-60**	**Multi Cable Transit**	**ElectricalEquipment**	**Lower Deck**	**N.A.**	**1724000049**	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
E-MCT-201	**MCT S-6X4 PRIMED-60**	**Multi Cable Transit**	**ElectricalEquipment**	**Lower Deck**	**N.A.**	**1724000049**	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
E-MCT-202	**MCT S 6X2 AISI316**	**Multi Cable Transit**	**ElectricalEquipment**	**Lower Deck**	**N.A.**	**1724000049**	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
E-MCT-203	**MCT S 6X2 AISI316**	**Multi Cable Transit**	**ElectricalEquipment**	**Lower Deck**	**N.A.**	**1724000049**	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A

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E-MCT-204	**MCT S 6X2 PRIMED-60**	**Multi Cable Transit**	**ElectricalEquipment**	**Lower Deck**	**N.A.**	**1724000049**	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
E-MCT-205	**MCT S 6X2 AISI316**	**Multi Cable Transit**	**ElectricalEquipment**	**Lower Deck**	**N.A.**	**1724000049**	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
E-MCT-206	**MCT S 6X2 AISI316**	**Multi Cable Transit**	**ElectricalEquipment**	**Lower Deck**	**N.A.**	**1724000049**	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
E-MCT-301	**MCT S 6X1 PRIMED-60**	**Multi Cable Transit**	**ElectricalEquipment**	**Lower Deck**	**N.A.**	**1724000049**	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
E-MCT-302	**MCT S 6X2 PRIMED-60**	**Multi Cable Transit**	**ElectricalEquipment**	**Lower Deck**	**N.A.**	**1724000049**	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A

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E-MCT-401	**MCT S 6X1 PRIMED-60**	**Multi Cable Transit**	**ElectricalEquipment**	**Lower Deck**	**N.A.**	**1724000049**	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
E-MCT-402	**MCT S 6X2 PRIMED-60**	**Multi Cable Transit**	**ElectricalEquipment**	**Lower Deck**	**N.A.**	**1724000049**	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
E-MCT-T01	**MCT S 6X1 PRIMED-60**	**Multi Cable Transit**	**ElectricalEquipment**	**Below Lower Deck**	**N.A.**	**1724001059**	Roxtec Italia			
E-MCT-T02	**MCT S-6X3 PRIMED-60**	**Multi Cable Transit**	**ElectricalEquipment**	**Below Lower Deck**	**N.A.**	**1724001059**	Roxtec Italia			
E-MCT-T03	**MCT S 6X1 PRIMED-60**	**Multi Cable Transit**	**ElectricalEquipment**	**Below Lower Deck**	**N.A.**	**1724001059**	Roxtec Italia			
E-MCT-U01	**PASSAGE**	**Multi Cable Transit**	**ElectricalEquipment**	**Top Deck**	**N.A.**	**1724000049**	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
E-MCT-U02	**MCT S-6X2 EX PRIMED-60**	**Multi Cable Transit**	**ElectricalEquipment**	**Top Deck**	**N.A.**	**1724000049**	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
E-MCT-U03	**MCT S-6X1 EX PRIMED-60**	**Multi Cable Transit**	**ElectricalEquipment**	**Top Deck**	**N.A.**	**1724000049**	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A

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E-MCT-U04	Top Deck	Top Deck	ElectricalEquipment	Top Deck	N.A.	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
E-MCT-U05	Top Deck	Top Deck	ElectricalEquipment	Top Deck	N.A.	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
E-MCT-U06	Top Deck	Top Deck	ElectricalEquipment	Top Deck	N.A.	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
E-MCT-U07	Top Deck	Top Deck	ElectricalEquipment	Top Deck	N.A.	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
E-MCT-U08	Top Deck	Top Deck	ElectricalEquipment	Top Deck	N.A.	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A

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E-MCT-U09	Top Deck	Top Deck	ElectricalEquipment	Top Deck	N.A.	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
E-MCT-U10	SPARE	Multi Cable Transit	ElectricalEquipment	Top Deck	N.A.	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
E-MCT-U11	Top Deck	Top Deck	ElectricalEquipment	Top Deck	N.A.	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
E-MCT-U12	Top Deck	Top Deck	ElectricalEquipment	Top Deck	N.A.	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
E-MCT-U13	Top Deck	Top Deck	ElectricalEquipment	Top Deck	N.A.	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A

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E-MCT-U14	Top Deck	Top Deck	ElectricalEquipment	Top Deck	N.A.	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
E-MCT-U15	Top Deck	Top Deck	ElectricalEquipment	Top Deck	N.A.	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
E-MCT-U16	Top Deck	Top Deck	ElectricalEquipment	Top Deck	N.A.	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
EML-200-01	NAV AIDS Main Yellow Lanterns	ElectricalEquipment	ElectricalEquipment	NC-200F2	N.A.	1724000775	SICE	N/A	Checks and actions: -Verify the general status of the equipment (visual check). -Verify the cable gland (visual check). - Verify the tightening of all interconnection cables (visual check). - Carry out an internal check of the enclosure (visual check). -Check all wiring and cable connection tightening between components and terminal strip (visual check). - Clean the glass of the photocell sensor with a freshwater and a soft cloth. - Clean the glass of the enclosure with a freshwater and a soft cloth. - Close again the junction box by greasing the cover thread with a light layer of anti-seize grease - Check the equipment working (by simulating day/night conditions). Main marine yellow lights: -Check the equipment	N/A

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EML-200-02	NAV AIDS Main Yellow Lanterns	ElectricalEquipment	ElectricalEquipment	NC-200F2	N.A.	1724000775	SICE	N/A	Checks and actions: -Verify the general status of the equipment (visual check). -Verify the cable gland (visual check). - Verify the tightening of all interconnection cables (visual check). - Carry out an internal check of the enclosure (visual check). -Check all wiring and cable connection tightening between components and terminal strip (visual check). - Clean the glass of the photocell sensor with a freshwater and a soft cloth. - Clean the glass of the enclosure with a freshwater and a soft cloth. - Close again the junction box by greasing the cover thread with a light layer of anti-seize grease - Check the equipment working (by simulating day/night conditions). Main marine yellow lights: -Check the equipment	N/A
EOL-200-01	Obstruction Red LED Lights	ElectricalEquipment	ElectricalEquipment	NC-200F2	N.A.	1724000775	SICE	N/A	Checks and actions: -Verify the general status of the equipment (visual check). -Verify the cable gland (visual check). - Verify the tightening of all interconnection cables (visual check). - Carry out an internal check of the enclosure (visual check). -Check all wiring and cable connection tightening between components and terminal strip (visual check). - Clean the glass of the photocell sensor with a freshwater and a soft cloth. - Clean the glass of the enclosure with a freshwater and a soft cloth. - Close again the junction box by greasing the cover thread with a light layer of anti-seize grease - Check the equipment working (by simulating day/night conditions). Main marine yellow lights: -Check the equipment	N/A

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EOL-200-02	Obstruction Red LED Lights (MEDIUM INTENSITY)	ElectricalEquipment	ElectricalEquipment	NC-200F2	N.A.	1724000775	SICE	N/A	Checks and actions: -Verify the general status of the equipment (visual check). -Verify the cable gland (visual check). - Verify the tightening of all interconnection cables (visual check). - Carry out an internal check of the enclosure (visual check). -Check all wiring and cable connection tightening between components and terminal strip (visual check). - Clean the glass of the photocell sensor with a freshwater and a soft cloth. - Clean the glass of the enclosure with a freshwater and a soft cloth. - Close again the junction box by greasing the cover thread with a light layer of anti-seize grease - Check the equipment working (by simulating day/night conditions). Main marine yellow lights: -Check the equipment	N/A
EOL-200-03	Intermediate Obstruction Red Lights	ElectricalEquipment	ElectricalEquipment	NC-200F2	N.A.	1724000775	SICE	N/A	Checks and actions: -Verify the general status of the equipment (visual check). -Verify the cable gland (visual check). - Verify the tightening of all interconnection cables (visual check). - Carry out an internal check of the enclosure (visual check). -Check all wiring and cable connection tightening between components and terminal strip (visual check). - Clean the glass of the photocell sensor with a freshwater and a soft cloth. - Clean the glass of the enclosure with a freshwater and a soft cloth. - Close again the junction box by greasing the cover thread with a light layer of anti-seize grease - Check the equipment working (by simulating day/night conditions). Main marine yellow lights: -Check the equipment	N/A

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EOL-200-04	Intermediate Obstruction Red Lights	ElectricalEquipment	ElectricalEquipment	NC-200F2	N.A.	1724000775	SICE	N/A	Checks and actions: -Verify the general status of the equipment (visual check). -Verify the cable gland (visual check). - Verify the tightening of all interconnection cables (visual check). - Carry out an internal check of the enclosure (visual check). -Check all wiring and cable connection tightening between components and terminal strip (visual check). - Clean the glass of the photocell sensor with a freshwater and a soft cloth. - Clean the glass of the enclosure with a freshwater and a soft cloth. - Close again the junction box by greasing the cover thread with a light layer of anti-seize grease - Check the equipment working (by simulating day/night conditions). Main marine yellow lights: -Check the equipment	N/A
EPH-200-01	NAV AIDS Photocell	ElectricalEquipment	ElectricalEquipment	NC-200F2	N.A.	1724000775	SICE	N/A	Checks and actions: -Verify the general status of the equipment (visual check). -Verify the cable gland (visual check). - Verify the tightening of all interconnection cables (visual check). - Carry out an internal check of the enclosure (visual check). -Check all wiring and cable connection tightening between components and terminal strip (visual check). - Clean the glass of the photocell sensor with a freshwater and a soft cloth. - Clean the glass of the enclosure with a freshwater and a soft cloth. - Close again the junction box by greasing the cover thread with a light layer of anti-seize grease - Check the equipment working (by simulating day/night conditions). Main marine yellow lights: -Check the equipment	N/A
EPH-200N1-01	Twilight Relay Sensor	Photocell	ElectricalEquipment	DP-200N1	N.A.	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A

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ESL-200-01	Wave Off Status Light	ElectricalEquipment	ElectricalEquipment	NC-200F2	N.A.	1724000775	SICE	N/A	Checks and actions: -Verify the general status of the equipment (visual check). -Verify the cable gland (visual check). - Verify the tightening of all interconnection cables (visual check). - Carry out an internal check of the enclosure (visual check). -Check all wiring and cable connection tightening between components and terminal strip (visual check). - Clean the glass of the photocell sensor with a freshwater and a soft cloth. - Clean the glass of the enclosure with a freshwater and a soft cloth. - Close again the junction box by greasing the cover thread with a light layer of anti-seize grease - Check the equipment working (by simulating day/night conditions). Main marine yellow lights: -Check the equipment	N/A
ESO-200N1-05-L1-01	Small Power Socket (Upper Deck)	ElectricalEquipment	ElectricalEquipment	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ESO-200N1-05-L1-02	Small Power Socket (Upper Deck)	ElectricalEquipment	ElectricalEquipment	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ESO-200N1-06-L2-01	Small Power Socket (Lower Deck)	ElectricalEquipment	ElectricalEquipment	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ESO-200N1-06-L2-02	SMALL POWER SOCKET	ElectricalEquipment	ElectricalEquipment	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ESO-200N1-06-L2-03	Small Power Socket (Below lower Deck)	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ESO-200N2-03-L2-01	Power Sockets inside LV Room	Socket Outlet	ElectricalEquipment	B-200	N.A.					
ESO-300N1-03-L2-01	Power Sockets inside UPS Room	ElectricalEquipment	ElectricalEquipment	B-300	N.A.	1724000372	3W Power	At least every 6 (six) months please measure and record: • Battery voltage • Float voltage of some cells/blocks (as sample) • Surface temperature of some cells/blocks (as sample) • Battery room temperature	At least every 12 (twelve) months please measure and record: • Battery voltage • Float voltage of all cells / blocks • Surface temperature of all cells/blocks • Battery room temperature • Insulation resistance acc. to DIN 43539 part1 At least every 12 (twelve) months please check: • Screw connections • Screw connections without locking devices have to be checked for tightness • Battery installation and arrangement • Ventilation	Maintenance interval Maintenance Task 6 months Check battery voltage 6 months Carry out functional test 12 months Check battery screw connections 40.000 hours Replace fan (*) 10 years Replace electrolytic capacitors for AC UPS 7 years Replace electrolytic capacitors for DC UPS 5 years Replace input filter

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ESO-400N1-03-L2-01	Power Sockets inside Instrument Room	ElectricalEquipment	ElectricalEquipment	B-400	N.A.	1724000428	Coes	Each 6 months check the conditions of the packing: if damaged proceed with replacing -Keep closed all battery limit connections with blind flanges or plugs (supplied with the package), to avoid that humidity, dust or atmospheric pollution enter into the component of the package. -Keep closed all vent and drain valves and all electrical connections. Every 6 month it is suggested to carry out site inspection as per following checklist: -Check that all manual vent and drain valves are closed. - Check that all blind flanges (if any) are closed and correctly tightened: install the flanges and tighten the stud bolts, if necessary. - Check that all terminal boxes are closed and that the internal is clean from sand or dust and that no dew is detected: clean, close of replace them, if necessary. - Check that all instruments, valves are not damaged: replace them, if necessary. - Check that all tubing is properly connected: tighten compression fittings, if necessary	N/A	N/A
ESW-200N1-01	WELDING SOCKET (Top Deck)	ElectricalEquipment	ElectricalEquipment	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ESW-200N1-02	WELDING SOCKET (Top Deck)	ElectricalEquipment	ElectricalEquipment	DP-200N1	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ESW-200N2-01	Welding Socket (Lower Deck)	ElectricalEquipment	ElectricalEquipment	B-200	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ESW-200N2-02	Welding Socket (Lower Deck)	ElectricalEquipment	ElectricalEquipment	B-200	N.A.	1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ETB-200N1-14-L1-01	TRACE HEATING - PROCESS LINES FEEDER 1 (SWS LINES) Hot JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001647	nVent	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ETB-200N1-15-L2-01	TRACE HEATING - PROCESS LINES FEEDER 2 (CI LINES) Hot JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001647	nVent	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ETB-200N1-15-L2-02	TRACE HEATING - PROCESS LINES FEEDER 2 (CI LINES) Hot JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001647	nVent	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ETB-200N1-16-L3-01	TRACE HEATING - PROCESS LINES FEEDER 3 (DM LINE) Hot JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001647	nVent	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ETB-200N1-17-L1-01	Trace Heating - Process Lines - Feeder 4 (WW LINES) Hot JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001647	nVent	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ETB-200N1-17-L1-02	Trace Heating - Process Lines - Feeder 4 (WW LINES) Hot JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001647	nVent	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ETB-200N1-17-L1-03	Trace Heating - Process Lines - Feeder 4 (WW LINES) Hot JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001647	nVent	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ETB-200N1-17-L1-04	Trace Heating - Process Lines - Feeder 4 (WW LINES) Hot JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001647	nVent	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ETB-200N1-17-L1-05	Trace Heating - Process Lines - Feeder 4 (WW LINES) Hot JB	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724001647	nVent	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ETB-200N1-19-L3-01	TRACE HEATING - FEEDER 6 (H2 VENT)	ElectricalJunctionBox	ElectricalJunctionBox	DP-200N1	N.A.	1724000887	Encore Thermoengineering	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
ETB-200N1-20-L1-01A	Trace Heating - Feeder 7 (SEA WATER PUMPS)	Junction Box	ElectricalJunctionBox	P-50001A	N.A.	1724000936	PCM Group	-Replace the desiccant pouches.(if storage long term) - Check machined surfaces, and lubricate if necessary(if storage long term)	N/A	Every 6 months - Turn the pump through four or five revolutions using the fan or bearing shaft. If the equipment is used daily, the following should be checked: - Complete leak tightness of the pump (once 6 months). - Tightness of the assembly mounting hardware (port, stator, body, spacer, drive) (once 6 months). - Level of lubricant in the drive, if applicable (once 6 months). - Anchoring (once a year). - Motor current and cleanliness of drive ventilation grid (once 6 months). - Condition of power supply electrical ducts (once a year). - Alignment of the coupling for bearing pumps (once a year).

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ETB-200N1-20-L1-01B	Trace Heating - Feeder 7 (SEA WATER PUMPS)	Junction Box	ElectricalJunctionBox	P-50001B	N.A.	1724000936	PCM Group	-Replace the desiccant pouches.(if storage long term) - Check machined surfaces, and lubricate if necessary(if storage long term)	N/A	Every 6 months - Turn the pump through four or five revolutions using the fan or bearing shaft. If the equipment is used daily, the following should be checked: - Complete leak tightness of the pump (once 6 months). - Tightness of the assembly mounting hardware (port, stator, body, spacer, drive) (once 6 months). - Level of lubricant in the drive, if applicable (once 6 months). - Anchoring (once a year). - Motor current and cleanliness of drive ventilation grid (once 6 months). - Condition of power supply electrical ducts (once a year). - Alignment of the coupling for bearing pumps (once a year).
ETM-200-01	NAV AIDS Battery Bank Temperature Probe	ElectricalEquipment	ElectricalEquipment	NC-200F2	N.A.	1724000775	SICE	N/A	Checks and actions: -Verify the general status of the equipment (visual check). -Verify the cable gland (visual check). - Verify the tightening of all interconnection cables (visual check). - Carry out an internal check of the enclosure (visual check). -Check all wiring and cable connection tightening between components and terminal strip (visual check). - Clean the glass of the photocell sensor with a freshwater and a soft cloth. - Clean the glass of the enclosure with a freshwater and a soft cloth. - Close again the junction box by greasing the cover thread with a light layer of anti-seize grease - Check the equipment working (by simulating day/night conditions). Main marine yellow lights: - Check the equipment	N/A

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EVM-200-01	NAV AIDS Visibility meter	ElectricalEquipment	ElectricalEquipment	NC-200F2	N.A.	1724000775	SICE	N/A	Checks and actions: -Verify the general status of the equipment (visual check). -Verify the cable gland (visual check). - Verify the tightening of all interconnection cables (visual check). - Carry out an internal check of the enclosure (visual check). -Check all wiring and cable connection tightening between components and terminal strip (visual check). - Clean the glass of the photocell sensor with a freshwater and a soft cloth. - Clean the glass of the enclosure with a freshwater and a soft cloth. - Close again the junction box by greasing the cover thread with a light layer of anti-seize grease - Check the equipment working (by simulating day/night conditions). Main marine yellow lights: -Check the equipment	N/A
H-50001	Electrical Heater	Heater	Heater	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
H-ETE-200N1-19-L3-01	**Heating Cable**	**Heating Cable**	**PowerCable**	**N.A.**	**N.A.**	**1724000887**	Encore Thermoengineering	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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H-ETE-200N1-20-L1-01A	**Heating Cable**	**Heating Cable**	**PowerCable**	**N.A.**	**N.A.**	**1724000936**	PCM Group	-Replace the desiccant pouches.(if storage long term) - Check machined surfaces, and lubricate if necessary(if storage long term)	N/A	Every 6 months - Turn the pump through four or five revolutions using the fan or bearing shaft. If the equipment is used daily, the following should be checked: - Complete leak tightness of the pump (once 6 months). - Tightness of the assembly mounting hardware (port, stator, body, spacer, drive) (once 6 months). - Level of lubricant in the drive, if applicable (once 6 months). - Anchoring (once a year). - Motor current and cleanliness of drive ventilation grid (once 6 months). - Condition of power supply electrical ducts (once a year). - Alignment of the coupling for bearing pumps (once a year).
H-ETE-200N1-20-L1-01B	**Heating Cable**	**Heating Cable**	**PowerCable**	**N.A.**	**N.A.**	**1724000936**	PCM Group	-Replace the desiccant pouches.(if storage long term) - Check machined surfaces, and lubricate if necessary(if storage long term)	N/A	Every 6 months - Turn the pump through four or five revolutions using the fan or bearing shaft. If the equipment is used daily, the following should be checked: - Complete leak tightness of the pump (once 6 months). - Tightness of the assembly mounting hardware (port, stator, body, spacer, drive) (once 6 months). - Level of lubricant in the drive, if applicable (once 6 months). - Anchoring (once a year). - Motor current and cleanliness of drive ventilation grid (once 6 months). - Condition of power supply electrical ducts (once a year). - Alignment of the coupling for bearing pumps (once a year).
HFA-50001A	Container Air Fan	Machinery	Miscellaneous Equipment	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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HFA-50001B	Container Air Fan	Machinery	MiscellaneousEquipment	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
HFA-50001C	Container Air Fan	Machinery	MiscellaneousEquipment	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
HFD-77001	**B-100 Fire Damper**	**Fire damper**	**HVACEquipment**	**B-100**	**N.A.**	**1724000049**	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A

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HFD-77002	**B-100 Fire Damper**	**Fire damper**	**HVACEquipment**	**B-100**	**N.A.**	**1724000049**	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
HFD-77003	**B-100 Fire Damper**	**Fire damper**	**HVACEquipment**	**B-100**	**N.A.**	**1724000049**	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
HFD-77004	B-200 Fire Damper	Fire damper	HVACEquipment	B-200	N.A.	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
HFD-77005	B-200 Fire Damper	Fire damper	HVACEquipment	B-200	N.A.	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
HFD-77006	B-200 Fire Damper	Fire damper	HVACEquipment	B-200	N.A.	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A

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HFD-77007	B-300 Fire Damper	Fire damper	HVACEquipment	B-300	N.A.	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
HFD-77008	B-300 Fire Damper	Fire damper	HVACEquipment	B-300	N.A.	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
HFD-77009	B-300 Fire Damper	Fire damper	HVACEquipment	B-300	N.A.	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
HFD-77010	B-300 Fire Damper	Fire damper	HVACEquipment	B-300	N.A.	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
HFD-77011	B-300 Fire Damper	Fire damper	HVACEquipment	B-300	N.A.	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A

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HFD-77012	B-400 Fire Damper	Fire damper	HVACEquipment	B-400	N.A.	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
HFD-77013	B-400 Fire Damper	Fire damper	HVACEquipment	B-400	N.A.	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
HFD-77014	B-400 Fire Damper	Fire damper	HVACEquipment	B-400	N.A.	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
HFD-77015	B-400 Fire Damper	Fire damper	HVACEquipment	B-400	N.A.	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A
HFD-77016	B-400 Fire Damper	Fire damper	HVACEquipment	B-400	N.A.	1724000049	Top Deck	• Verify every six months the general conditions of the shelter structure, scratches and damage shall be promptly restored following the procedures for touch-up paint usage. • Verify every six months the good shape of the door gasket, if is necessary restore the damaged section. • Verify every six months the efficiency of the door closer and the correct function of closing the door. • Verify every six months the correct function of the door handle and cleanness of the cylinder	N/A	N/A

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HHS-50003A	Container Electrical Heater	Heater	Heater	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
HHS-50003B	Container Electrical Heater	Heater	Heater	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
HKN-WPO1-PLPH-NET-01	Netwok Cabinet	Cabinet	Cabinet	B-400		1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
HKN-WPO1-PLPH-SRV-01	Server Cabinet	Cabinet	Cabinet	B-400		1724000594	Yokogawa	N/A	N/A	8 years Power supply module 9 months-1.5 years -3 years Battery pack
HNA6	IAC Cable Extension -Interface Splice Box for FO Cable	JunctionBox	JunctionBox	N.A.						
HNA6/B400-NET-001	FO-LSZH-SWB-LSZH	I&CCable	I&CCable	HNA6	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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HNA6/CN-200N1	FO-LSZH-SWB-LSZH	I&CCable	I&CCable	HNA6	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
HNA6-AFA70	66kV Switchgear (GIS)	ElectricalEquipment	ElectricalEquipment	B-100	N.A.	1723001595	Hyosung	N/A	N/A	Ordinary Inspection (Every 3 year) Disconnecting and Earthing switch -Visual window check -Operation with Manual tool and electric power -Operating characteristic DS&ES Mechanism -Indicator - Lever and link, pins - Gear box linkage adjustment - Spacer heater -Auxiliary switch - Wiring - Limit switch - lubrication(if applicable) High speed earthing switch -Visual window check - Operation with Manual tool and electric power - Operating characteristic HES Mechanism -Indicator - Shock absorber leakage - Lever and link, pins Spacer heater Auxiliary switch Limit switch Wiring lubrication(if applicable) Others -Optical lamp of local control panel -function test of local control panel (interlock, operating, Lamp) -Wiring of CT & local control panel -Insulation resistance Detail inspection (Every 20 year) -Gas pressure with gauge -Gas piping and valve -Gas pressure with tool -Local point gas leak test(If more than one alarm per year) -Moisture
I-MCT-101	MCT S-4x2 Primed - 60	Multi Cable Transit	EquiInstrument	Lower Deck	123A90-DDL-IN-DL-40086	1724001059	Roxtec Italia			
I-MCT-102	MCT S-4x1 Primed - 60	Multi Cable Transit	EquiInstrument	Lower Deck	123A90-DDL-IN-DL-40086	1724001059	Roxtec Italia			
I-MCT-103	MCT S-4x1 Primed - 60	Multi Cable Transit	EquiInstrument	Lower Deck	123A90-DDL-IN-DL-40086	1724001059	Roxtec Italia			
I-MCT-201	MCT S-4x2 Primed - 60	Multi Cable Transit	EquiInstrument	Lower Deck	123A90-DDL-IN-DL-40086	1724001059	Roxtec Italia			
I-MCT-202	MCT S-4x1 Primed - 60	Multi Cable Transit	EquiInstrument	Lower Deck	123A90-DDL-IN-DL-40086	1724001059	Roxtec Italia			
I-MCT-203	MCT S-4x1 Primed - 60	Multi Cable Transit	EquiInstrument	Lower Deck	123A90-DDL-IN-DL-40086	1724001059	Roxtec Italia			
I-MCT-301	MCT S-4x2 Primed - 60	Multi Cable Transit	EquiInstrument	Lower Deck	123A90-DDL-IN-DL-40086	1724001059	Roxtec Italia			
I-MCT-302	MCT S-4x1 Primed - 60	Multi Cable Transit	EquiInstrument	Lower Deck	123A90-DDL-IN-DL-40086	1724001059	Roxtec Italia			
I-MCT-303	MCT S-4x1 Primed - 60	Multi Cable Transit	EquiInstrument	Lower Deck	123A90-DDL-IN-DL-40086	1724001059	Roxtec Italia			
I-MCT-401	MCT S-6x6 Primed - 60	Multi Cable Transit	EquiInstrument	Lower Deck	123A90-DDL-IN-DL-40086	1724001059	Roxtec Italia			
I-MCT-402	MCT S-4x2 Primed - 60	Multi Cable Transit	EquiInstrument	Lower Deck	123A90-DDL-IN-DL-40086	1724001059	Roxtec Italia			
I-MCT-403	MCT S-6x3 Primed - 60	Multi Cable Transit	EquiInstrument	Lower Deck	123A90-DDL-IN-DL-40086	1724001059	Roxtec Italia			
I-MCT-T01	2MCTZFR Multi Cable Transit Frame SK 2x1 Ex Primed D=100	Multi Cable Transit	EquiInstrument	Below Lower Deck	123A90-DDL-IN-DL-40086	1724001059	Roxtec Italia			
I-MCT-U01	MCTR-SK4X3MS - MCT Roxtec, SK 4x3 MS, Squared Frame for Welding, Mild Steel, Depth 100mm, 4x3, Primed, Ex	Multi Cable Transit	EquiInstrument	Top Deck	123A90-DDL-IN-DL-40087	1724001059	Roxtec Italia			
I-MCT-U02	2MCTZFR Multi Cable Transit Frame SK 2x1 Ex Primed D=100	Multi Cable Transit	EquiInstrument	Top Deck	123A90-DDL-IN-DL-40087	1724001059	Roxtec Italia			
I-MCT-U03	2MCTZFR Multi Cable Transit Frame SK 2x1 Ex Primed D=100	Multi Cable Transit	EquiInstrument	Top Deck	123A90-DDL-IN-DL-40087	1724001059	Roxtec Italia			
I-MCT-U04	MCTR-SK4X3MS - MCT Roxtec, SK 4x3 MS, Squared Frame for Welding, Mild Steel, Depth 100mm, 4x3, Primed, Ex	Multi Cable Transit	EquiInstrument	Top Deck	123A90-DDL-IN-DL-40087	1724001059	Roxtec Italia			
I-MCT-U05	2MCTZFR Multi Cable Transit Frame SK 2x1 Ex Primed D=100	Multi Cable Transit	EquiInstrument	Top Deck	123A90-DDL-IN-DL-40087	1724001059	Roxtec Italia			
I-MCT-U06	MCTR-SK4X3MS - MCT Roxtec, SK 4x3 MS, Squared Frame for Welding, Mild Steel, Depth 100mm, 4x3, Primed, Ex	Multi Cable Transit	EquiInstrument	Top Deck	123A90-DDL-IN-DL-40087	1724001059	Roxtec Italia			
I-MCT-U07	MCT 43 W Ex AISI 316 Primed	Multi Cable Transit	EquiInstrument	Top Deck	123A90-DDL-IN-DL-40087	1724001059	Roxtec Italia			
I-MCT-U08	MCT 43 W Ex AISI 316 Primed	Multi Cable Transit	EquiInstrument	Top Deck	123A90-DDL-IN-DL-40087	1724001059	Roxtec Italia			
I-MCT-U09	MCT 43 W Ex AISI 316 Primed	Multi Cable Transit	EquiInstrument	Top Deck	123A90-DDL-IN-DL-40087	1724001059	Roxtec Italia			
JB-200E1	Solar PV Power Cable JB	ElectricalJunctionBox	ElectricalJunctionBox	Transition Piece		1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
JB-200E2	Temporary Generator / Mobile Battery Pack	ElectricalJunctionBox	ElectricalJunctionBox	SG-200N1		1724001481	Italsmea	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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JB-200E3	Crane	ElectricalJunctionBox	ElectricalJunctionBox	SG-200N1		1724001010	Remazel	-Check operation of all limit switches -Check operation of emergency stop -Check pinion for wear -Check wire rope for wear -Check hook block for wear -Grease rack and pinions -Clean and lubricate wire rope -Check for oil leaks from gearboxes	-Check operation of all limit switches -Check operation of emergency stop -Check pinion for wear -Check wire rope for wear -Check hook block for wear Grease rack and pinions -Clean and lubricate wire rope -Check for oil leaks from gearboxes -Change gearboxes oil -Grease slewing bearing -Check terminals tightening -Check UPS battery -Main components tightening torques check	3RD MAINTENANCE (18 MONTHS) -Check operation of all limit switches -Check operation of emergency stop -Check pinion for wear -Check wire rope for wear -Check hook block for wear -Grease rack and pinions -Clean and lubricate wire rope -Check for oil leaks from gearboxes 4TH MAINTENANCE (24 MONTHS) -Check operation of all limit switches -Check operation of emergency stop -Check pinion for wear -Check wire rope for wear -Check hook block for wear -Grease rack and pinions -Clean and lubricate wire rope -Check for oil leaks from gearboxes -Change gearboxes oil -Grease slewing bearing -Check of calibration of load cell -Check terminals tightening -Electric insulation test -Change UPS battery -Main components tightening torques check -Hoisting brake test -Rocking test
JB-500E8	Interface JB - Water Package	ElectricalJunctionBox	ElectricalJunctionBox	SG-200N1	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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JB-500F8	Interface JB - Water Package	ElectricalJunctionBox	ElectricalJunctionBox	UP-200F3	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
K-63001A	Instrument Air Package Oil Free Screw Compressor A	Compressor	Compressor	A-63000	1724000428-PR-PID-00019	1724000428	Coes	Each 6 months check the conditions of the packing: if damaged proceed with replacing -Keep closed all battery limit connections with blind flanges or plugs (supplied with the package), to avoid that humidity, dust or atmospheric pollution enter into the component of the package. -Keep closed all vent and drain valves and all electrical connections. Every 6 month it is suggested to carry out site inspection as per following checklist: -Check that all manual vent and drain valves are closed. - Check that all blind flanges (if any) are closed and correctly tightened: install the flanges and tighten the stud bolts, if necessary. - Check that all terminal boxes are closed and that the internal is clean from sand or dust and that no dew is detected: clean, close of replace them, if necessary. - Check that all instruments, valves are not damaged: replace them, if necessary. - Check that all tubing is properly connected: tighten compression fittings, if necessary	N/A	N/A

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K-63001B	Instrument Air Package Oil Free Screw Compressor B	Compressor	Compressor	A-63000	1724000428-PR-PID-00019	1724000428	Coes	Each 6 months check the conditions of the packing: if damaged proceed with replacing -Keep closed all battery limit connections with blind flanges or plugs (supplied with the package), to avoid that humidity, dust or atmospheric pollution enter into the component of the package. -Keep closed all vent and drain valves and all electrical connections. Every 6 month it is suggested to carry out site inspection as per following checklist: -Check that all manual vent and drain valves are closed. - Check that all blind flanges (if any) are closed and correctly tightened: install the flanges and tighten the stud bolts, if necessary. - Check that all terminal boxes are closed and that the internal is clean from sand or dust and that no dew is detected: clean, close of replace them, if necessary. - Check that all instruments, valves are not damaged: replace them, if necessary. - Check that all tubing is properly connected: tighten compression fittings, if necessary	N/A	N/A
KM-63001A	Electric Motor for Oil Free Screw Compressor	Motor	Motor	K-63001A	1724000428-PR-PID-00019	1724000428	Coes	Each 6 months check the conditions of the packing: if damaged proceed with replacing -Keep closed all battery limit connections with blind flanges or plugs (supplied with the package), to avoid that humidity, dust or atmospheric pollution enter into the component of the package. -Keep closed all vent and drain valves and all electrical connections. Every 6 month it is suggested to carry out site inspection as per following checklist: -Check that all manual vent and drain valves are closed. - Check that all blind flanges (if any) are closed and correctly tightened: install the flanges and tighten the stud bolts, if necessary. - Check that all terminal boxes are closed and that the internal is clean from sand or dust and that no dew is detected: clean, close of replace them, if necessary. - Check that all instruments, valves are not damaged: replace them, if necessary. - Check that all tubing is properly connected: tighten compression fittings, if necessary	N/A	N/A

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KM-63001B	Electric Motor for Oil Free Screw Compressor	Motor	Motor	K-63001B	1724000428-PR-PID-00019	1724000428	Coes	Each 6 months check the conditions of the packing: if damaged proceed with replacing -Keep closed all battery limit connections with blind flanges or plugs (supplied with the package), to avoid that humidity, dust or atmospheric pollution enter into the component of the package. -Keep closed all vent and drain valves and all electrical connections. Every 6 month it is suggested to carry out site inspection as per following checklist: -Check that all manual vent and drain valves are closed. - Check that all blind flanges (if any) are closed and correctly tightened: install the flanges and tighten the stud bolts, if necessary. - Check that all terminal boxes are closed and that the internal is clean from sand or dust and that no dew is detected: clean, close of replace them, if necessary. - Check that all instruments, valves are not damaged: replace them, if necessary. - Check that all tubing is properly connected: tighten compression fittings, if necessary	N/A	N/A
NC-200F2	NAVAID System NCCP	ElectricalEquipment	ElectricalEquipment	B-200	N.A.	1724000775	SICE	N/A	Checks and actions: -Verify the general status of the equipment (visual check). -Verify the cable gland (visual check). - Verify the tightening of all interconnection cables (visual check). - Carry out an internal check of the enclosure (visual check). -Check all wiring and cable connection tightening between components and terminal strip (visual check). - Clean the glass of the photocell sensor with a freshwater and a soft cloth. - Clean the glass of the enclosure with a freshwater and a soft cloth. - Close again the junction box by greasing the cover thread with a light layer of anti-seize grease - Check the equipment working (by simulating day/night conditions). Main marine yellow lights: -Check the equipment	N/A

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NC-200F2A	NAVAID System NCCP - ENCLOSURE A	ECLOSURE A	ElectricalEquipment	NC-200F2	N.A.	1724000775	SICE	N/A	Checks and actions: -Verify the general status of the equipment (visual check). -Verify the cable gland (visual check). - Verify the tightening of all interconnection cables (visual check). - Carry out an internal check of the enclosure (visual check). -Check all wiring and cable connection tightening between components and terminal strip (visual check). - Clean the glass of the photocell sensor with a freshwater and a soft cloth. - Clean the glass of the enclosure with a freshwater and a soft cloth. - Close again the junction box by greasing the cover thread with a light layer of anti-seize grease - Check the equipment working (by simulating day/night conditions). Main marine yellow lights: -Check the equipment	N/A
NC-200F2B	NAVAID System NCCP - ENCLOSURE B	ECLOSURE B	ElectricalEquipment	NC-200F2	N.A.	1724000775	SICE	N/A	Checks and actions: -Verify the general status of the equipment (visual check). -Verify the cable gland (visual check). - Verify the tightening of all interconnection cables (visual check). - Carry out an internal check of the enclosure (visual check). -Check all wiring and cable connection tightening between components and terminal strip (visual check). - Clean the glass of the photocell sensor with a freshwater and a soft cloth. - Clean the glass of the enclosure with a freshwater and a soft cloth. - Close again the junction box by greasing the cover thread with a light layer of anti-seize grease - Check the equipment working (by simulating day/night conditions). Main marine yellow lights: -Check the equipment	N/A

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NC-200F2C	NAVAID System NCCP - ENCLOSURE C	ECLOSURE C	ElectricalEquipment	NC-200F2	N.A.	1724000775	SICE	N/A	Checks and actions: -Verify the general status of the equipment (visual check). -Verify the cable gland (visual check). - Verify the tightening of all interconnection cables (visual check). - Carry out an internal check of the enclosure (visual check). -Check all wiring and cable connection tightening between components and terminal strip (visual check). - Clean the glass of the photocell sensor with a freshwater and a soft cloth. - Clean the glass of the enclosure with a freshwater and a soft cloth. - Close again the junction box by greasing the cover thread with a light layer of anti-seize grease - Check the equipment working (by simulating day/night conditions). Main marine yellow lights: -Check the equipment	N/A
P320PLC	Local Control Panel for BESS Package	Cabinet	Cabinet	A-85000		CPI-001	Statron			
P320PLC/B400-FGS-002	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	P320PLC	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P320PLC/B400-NET-001.01	FTP-LSZH-IS-OS-SWB-LSZH	I&CCable	I&CCable	P320PLC	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P320PLC/B400-NET-001.02	FTP-LSZH-IS-OS-SWB-LSZH	I&CCable	I&CCable	P320PLC	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P320PLC/B400-SIS-001	Cu-MICA-XLPE-IS-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	P320PLC	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-50001A	Sea water lift progressive cavity pump	Pump Volumetric	Pump	B-50013A	123A90-DDL-PR-PID-80021	1724000936	PCM Group	-Replace the desiccant pouches.(if storage long term) - Check machined surfaces, and lubricate if necessary(if storage long term)	N/A	Every 6 months - Turn the pump through four or five revolutions using the fan or bearing shaft. If the equipment is used daily, the following should be checked: - Complete leak tightness of the pump (once 6 months). - Tightness of the assembly mounting hardware (port, stator, body, spacer, drive) (once 6 months). - Level of lubricant in the drive, if applicable (once 6 months). - Anchoring (once a year). - Motor current and cleanliness of drive ventilation grid (once 6 months). - Condition of power supply electrical ducts (once a year). - Alignment of the coupling for bearing pumps (once a year).
P-50001B	Sea water lift progressive cavity pump	Centrifugal Pump	Pump	B-50013B	123A90-DDL-PR-PID-80021	1724000936	PCM Group	-Replace the desiccant pouches.(if storage long term) - Check machined surfaces, and lubricate if necessary(if storage long term)	N/A	Every 6 months - Turn the pump through four or five revolutions using the fan or bearing shaft. If the equipment is used daily, the following should be checked: - Complete leak tightness of the pump (once 6 months). - Tightness of the assembly mounting hardware (port, stator, body, spacer, drive) (once 6 months). - Level of lubricant in the drive, if applicable (once 6 months). - Anchoring (once a year). - Motor current and cleanliness of drive ventilation grid (once 6 months). - Condition of power supply electrical ducts (once a year). - Alignment of the coupling for bearing pumps (once a year).

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P-50002A	Backwash Pump	Centrifugal Pump	Pump	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
P-50002B	Backwash Pump	Centrifugal Pump	Pump	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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P-50003A	Booster Pump	Volumetric Pump	Pump	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
P-50003B	Booster Pump	Volumetric Pump	Pump	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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P-50004A	High Pressure Pump	Volumetric Pump	Pump	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
P-50004B	High Pressure Pump	Volumetric Pump	Pump	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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P-50005A	Caustic Soda Dosing Pump	Volumetric Pump	Pump	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
P-50005B	Caustic Soda Dosing Pump	Volumetric Pump	Pump	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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P-50006A	Antiscalant Dosing Pump	Volumetric Pump	Pump	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
P-50006B	Antiscalant Dosing Pump	Volumetric Pump	Pump	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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P-50007A	Biocide Dosing Pump to Container Inlet	Volumetric Pump	Pump	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
P-50007B	Biocide Dosing Pump to Container Inlet	Volumetric Pump	Pump	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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P-50008A	Biocide Dosing Pump to Sea Water Intake	Volumetric Pump	Pump	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
P-50008B	Biocide Dosing Pump to Sea Water Intake	Volumetric Pump	Pump	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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P-50009A	Fresh Water Pumps	Centrifugal Pump	Pump	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
P-50009B	Fresh Water Pumps	Centrifugal Pump	Pump	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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P-50010A	Biocide Dosing Pump to WWT	Volumetric Pump	Pump	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
P-50010B	Biocide Dosing Pump to WWT	Volumetric Pump	Pump	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
PD-43-FT-001/00-JE-13001	Cu-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	43-FT-001	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EAT-200N1-01	Stranded Cu-XLPE-LSZH-Flame Retardant	PowerCable	PowerCable	EAT-200N1-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-02-L1-01	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-02-L1-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-02-L1-02	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-02-L1-02	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-02-L1-03	Fire Resistant, Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-02-L1-03	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-02-L1-05	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-02-L1-05	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-02-L1-06	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-02-L1-06	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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P-EJB-200N1-02-L1-07	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-02-L1-07	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-02-L1-08	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-02-L1-08	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-02-L1-09	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-02-L1-09	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-02-L1-10	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-02-L1-10	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-02-L1-11	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-02-L1-11	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-02-L1-12	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-02-L1-12	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-02-L1-13	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-02-L1-13	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-02-L1-14	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-02-L1-14	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-02-L1-15	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-02-L1-15	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-02-L1-16	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-02-L1-16	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-02-L1-17	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-02-L1-17	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-02-L1-18	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-02-L1-18	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-02-L1-19	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-02-L1-19	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-02-L1-20	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-02-L1-20	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-03-L2-01	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-03-L2-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-03-L2-02	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-03-L2-02	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-03-L2-03	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-03-L2-03	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-03-L2-04	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-03-L2-04	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-03-L2-05	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-03-L2-05	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-03-L2-06	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-03-L2-06	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-03-L2-07	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-03-L2-07	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-03-L2-08	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-03-L2-08	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-03-L2-09	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-03-L2-09	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-03-L2-10	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-03-L2-10	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-03-L2-11	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-03-L2-11	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-03-L2-12	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-03-L2-12	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-03-L2-13	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-03-L2-13	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-03-L2-14	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-03-L2-14	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-04-L3-01	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-04-L3-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-04-L3-02	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-04-L3-02	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-08-L1-01	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-08-L1-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-08-L1-03	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-08-L1-03	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-08-L1-04	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-08-L1-04	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-08-L1-05	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-08-L1-05	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-08-L1-06	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-08-L1-06	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-08-L1-07	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-08-L1-07	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-08-L1-08	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-08-L1-08	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-08-L1-09	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-08-L1-09	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-08-L1-10	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-08-L1-10	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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P-EJB-200N1-08-L1-11	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-08-L1-11	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-08-L1-12	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-08-L1-12	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-08-L1-14	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-08-L1-14	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-08-L1-15	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-08-L1-15	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-08-L1-16	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-08-L1-16	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-08-L1-17	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-08-L1-17	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-08-L1-18	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-08-L1-18	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-08-L1-19	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-08-L1-19	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-08-L1-20	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-08-L1-20	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-09-L2-01	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-09-L2-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-09-L2-02	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-09-L2-02	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-09-L2-04	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-09-L2-04	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-09-L2-05	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-09-L2-05	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-09-L2-06	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-09-L2-06	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-09-L2-07	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-09-L2-07	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-09-L2-08	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-09-L2-08	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-09-L2-09	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-09-L2-09	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-09-L2-10	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-09-L2-10	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-09-L2-11	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-09-L2-11	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-09-L2-12	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-09-L2-12	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-09-L2-13	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-09-L2-13	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-09-L2-14	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-09-L2-14	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-09-L2-15	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-09-L2-15	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-09-L2-16	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-09-L2-16	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-09-L2-17	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-09-L2-17	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-10-L3-01	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-10-L3-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-10-L3-02	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-10-L3-02	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-10-L3-03	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-10-L3-03	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-10-L3-04	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-10-L3-04	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-10-L3-05	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-10-L3-05	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-10-L3-06	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-10-L3-06	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-10-L3-07	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-10-L3-07	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-10-L3-08	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-10-L3-08	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-10-L3-09	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-10-L3-09	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-14-L1-01	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-14-L1-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-15-L2-01	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-15-L2-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EJB-200N1-17-L1-01	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EJB-200N1-17-L1-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-02-L1-01	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-02-L1-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-02-L1-02	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-02-L1-02	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-02-L1-03	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-02-L1-03	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-02-L1-04	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-02-L1-04	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-02-L1-05	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-02-L1-05	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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P-ELF-200N1-02-L1-06	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-02-L1-06	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-02-L1-07	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-02-L1-07	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-02-L1-08	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-02-L1-08	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-02-L1-09	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-02-L1-09	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-02-L1-10	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-02-L1-10	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-02-L1-11	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-02-L1-11	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-02-L1-12	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-02-L1-12	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-02-L1-13	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-02-L1-13	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-02-L1-14	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-02-L1-14	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-02-L1-15	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-02-L1-15	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-02-L1-16	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-02-L1-16	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-02-L1-17	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-02-L1-17	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-02-L1-18	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-02-L1-18	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-02-L1-19	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-02-L1-19	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-02-L1-20	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-02-L1-20	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-02-L1-21	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-02-L1-21	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-02-L1-22	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-02-L1-22	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-02-L1-23	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-02-L1-23	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-02-L1-24	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-02-L1-24	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-02-L1-25	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-02-L1-25	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-03-L2-01	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-03-L2-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-03-L2-02	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-03-L2-02	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-03-L2-03	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-03-L2-03	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-03-L2-04	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-03-L2-04	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-03-L2-05	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-03-L2-05	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-03-L2-06	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-03-L2-06	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-03-L2-07	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-03-L2-07	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-03-L2-08	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-03-L2-08	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-03-L2-09	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-03-L2-09	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-03-L2-10	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-03-L2-10	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-03-L2-11	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-03-L2-11	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-03-L2-12	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-03-L2-12	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-03-L2-13	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-03-L2-13	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-03-L2-14	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-03-L2-14	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-03-L2-15	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-03-L2-15	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-03-L2-16	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-03-L2-16	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-04-L3-01	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-04-L3-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-04-L3-02	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-04-L3-02	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-08-L1-01	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-08-L1-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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P-ELF-200N1-08-L1-02	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-08-L1-02	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-08-L1-03	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-08-L1-03	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-08-L1-04	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-08-L1-04	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-08-L1-05	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-08-L1-05	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-08-L1-06	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-08-L1-06	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-08-L1-07	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-08-L1-07	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-08-L1-08	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-08-L1-08	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-08-L1-09	Fire Resistant, Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-08-L1-09	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-08-L1-10	Fire Resistant, Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-08-L1-10	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-08-L1-11	Fire Resistant, Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-08-L1-11	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-08-L1-12	Fire Resistant, Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-08-L1-12	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-08-L1-13	Fire Resistant, Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-08-L1-13	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-08-L1-14	Fire Resistant, Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-08-L1-14	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-08-L1-15	Fire Resistant, Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-08-L1-15	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-08-L1-16	Fire Resistant, Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-08-L1-16	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-08-L1-17	Fire Resistant, Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-08-L1-17	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-08-L1-18	Fire Resistant, Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-08-L1-18	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-08-L1-19	Fire Resistant, Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-08-L1-19	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-08-L1-20	Fire Resistant, Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-08-L1-20	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-08-L1-21	Fire Resistant, Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-08-L1-21	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-08-L1-22	Fire Resistant, Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-08-L1-22	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-08-L1-23	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-08-L1-23	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-09-L2-01	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-09-L2-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-09-L2-02	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-09-L2-02	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-09-L2-03	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-09-L2-03	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-09-L2-04	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-09-L2-04	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-09-L2-05	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-09-L2-05	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-09-L2-06	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-09-L2-06	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-09-L2-07	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-09-L2-07	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-09-L2-08	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-09-L2-08	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-09-L2-09	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-09-L2-09	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-09-L2-10	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-09-L2-10	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-09-L2-11	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-09-L2-11	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-09-L2-12	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-09-L2-12	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-09-L2-13	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-09-L2-13	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-09-L2-14	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-09-L2-14	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-09-L2-15	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-09-L2-15	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-09-L2-16	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-09-L2-16	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-09-L2-17	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-09-L2-17	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-09-L2-18	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-09-L2-18	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-09-L2-19	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-09-L2-19	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-09-L2-20	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-09-L2-20	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-09-L2-21	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-09-L2-21	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-09-L2-22	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-09-L2-22	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-09-L2-23	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-09-L2-23	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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P-ELF-200N1-09-L2-24	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-09-L2-24	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-09-L2-25	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-09-L2-25	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-10-L3-01	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-10-L3-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-10-L3-02	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-10-L3-02	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-10-L3-03	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-10-L3-03	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-10-L3-04	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-10-L3-04	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-10-L3-05	Fire Resistant, Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-10-L3-05	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-10-L3-06	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-10-L3-06	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-10-L3-07	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-10-L3-07	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-10-L3-08	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-10-L3-08	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-10-L3-09	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-10-L3-09	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-10-L3-10	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-10-L3-10	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-10-L3-11	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-10-L3-11	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-10-L3-12	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-10-L3-12	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-10-L3-13	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-10-L3-13	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELF-200N1-10-L3-14	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELF-200N1-10-L3-14	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ELS-200N1-09-L2-01	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ELS-200N1-09-L2-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-EPH-200N1-01	Fire Resistant-Stranded Cu-Mica/Glass Tape-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	EPH-200N1-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ESO-200N1-05-L1-01	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ESO-200N1-05-L1-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ESO-200N1-05-L1-02	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ESO-200N1-05-L1-02	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ESO-200N1-06-L2-01	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ESO-200N1-06-L2-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ESO-200N1-06-L2-02	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ESO-200N1-06-L2-02	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ESO-200N1-06-L2-03	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ESO-200N1-06-L2-03	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ETB-200N1-14-L1-01	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ETB-200N1-14-L1-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ETB-200N1-14-L1-01	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ETB-200N1-14-L1-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ETB-200N1-14-L1-02	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ETB-200N1-14-L1-02	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ETB-200N1-14-L1-03	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ETB-200N1-14-L1-03	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ETB-200N1-14-L1-04	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ETB-200N1-14-L1-04	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ETB-200N1-14-L1-05	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ETB-200N1-14-L1-05	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ETB-200N1-14-L1-06	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ETB-200N1-14-L1-06	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ETB-200N1-14-L1-07	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ETB-200N1-14-L1-07	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ETB-200N1-14-L1-08	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ETB-200N1-14-L1-08	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ETB-200N1-14-L1-09	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ETB-200N1-14-L1-09	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ETB-200N1-14-L1-10	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ETB-200N1-14-L1-10	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ETB-200N1-15-L2-01	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ETB-200N1-15-L2-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ETB-200N1-15-L2-02	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ETB-200N1-15-L2-02	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ETB-200N1-15-L2-04	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ETB-200N1-15-L2-04	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ETB-200N1-15-L2-05	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ETB-200N1-15-L2-05	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ETB-200N1-16-L3-01	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ETB-200N1-16-L3-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ETB-200N1-17-L1-01	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ETB-200N1-17-L1-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ETB-200N1-17-L1-02	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ETB-200N1-17-L1-02	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ETB-200N1-17-L1-03	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ETB-200N1-17-L1-03	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ETB-200N1-17-L1-04	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ETB-200N1-17-L1-04	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ETB-200N1-17-L1-05	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ETB-200N1-17-L1-05	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ETB-200N1-18-L2-01	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ETB-200N1-18-L2-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ETB-200N1-19-L3-01	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ETB-200N1-19-L3-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ETB-200N1-20-L1-01	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ETB-200N1-20-L1-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ETB-200N1-20-L1-02	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ETB-200N1-20-L1-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
P-ETB-200N1-20-L1-03	Stranded Cu-EPR-LSZH-Flame Retardant	PowerCable	PowerCable	ETB-200N1-20-L1-01	N.A.	1724001141	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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PHFA-50001A	Electric Motor for Container Air Fan	Machinery	Machinery	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
PHFA-50001B	Electric Motor for Container Air Fan	Machinery	Machinery	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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PHFA-50001C	Electric Motor for Container Air Fan	Machinery	Machinery	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
PM-50001A	Electric Motor for Sea water lift Pump	Motor	Motor	P-50001A	123A90-DDL-PR-PID-80021	1724000936	PCM Group	-Replace the desiccant pouches.(if storage long term) - Check machined surfaces, and lubricate if necessary(if storage long term)	N/A	Every 6 months - Turn the pump through four or five revolutions using the fan or bearing shaft. If the equipment is used daily, the following should be checked: - Complete leak tightness of the pump (once 6 months). - Tightness of the assembly mounting hardware (port, stator, body, spacer, drive) (once 6 months). - Level of lubricant in the drive, if applicable (once 6 months). - Anchoring (once a year). - Motor current and cleanliness of drive ventilation grid (once 6 months). - Condition of power supply electrical ducts (once a year). - Alignment of the coupling for bearing pumps (once a year).
PM-50001B	Electric Motor for Sea water lift Pump	Motor	Motor	P-50001B	123A90-DDL-PR-PID-80021	1724000936	PCM Group	-Replace the desiccant pouches.(if storage long term) - Check machined surfaces, and lubricate if necessary(if storage long term)	N/A	Every 6 months - Turn the pump through four or five revolutions using the fan or bearing shaft. If the equipment is used daily, the following should be checked: - Complete leak tightness of the pump (once 6 months). - Tightness of the assembly mounting hardware (port, stator, body, spacer, drive) (once 6 months). - Level of lubricant in the drive, if applicable (once 6 months). - Anchoring (once a year). - Motor current and cleanliness of drive ventilation grid (once 6 months). - Condition of power supply electrical ducts (once a year). - Alignment of the coupling for bearing pumps (once a year).

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PM-50002A	Electric Motor for Backwash Pump	Motor	Motor	P-50002A	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
PM-50002B	Electric Motor for Backwash Pump	Motor	Motor	P-50002B	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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PM-50003A	Electric Motor for Booster Pump	Motor	Motor	P-50003A	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
PM-50003B	Electric Motor for Booster Pump	Motor	Motor	P-50003B	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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PM-50004A	Electric Motor for High Pressure Pump	Motor	Motor	P-50004A	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
PM-50004B	Electric Motor for High Pressure Pump	Motor	Motor	P-50004B	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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PM-50005A	Electric Motor for Caustic Soda Dosing Pump	Motor	Motor	P-50005A	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
PM-50005B	Electric Motor for Caustic Soda Dosing Pump	Motor	Motor	P-50005B	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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PM-50006A	Electric Motor for Antiscalant Dosing Pump	Motor	Motor	P-50006A	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
PM-50006B	Eletcric Motor for Antiscalant Dosing Pump	Motor	Motor	P-50006B	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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PM-50007A	Electric Motor for Biocide Dosing Pump to Container Inlet	Motor	Motor	P-50007A	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
PM-50007B	Electric Motor for Biocide Dosing Pump to Container Inlet	Motor	Motor	P-50007B	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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PM-50008A	Electric Motor for Biocide Dosing Pump to Sea Water Intake	Motor	Motor	P-50008A	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
PM-50008B	Electric Motor for Biocide Dosing Pump to Sea Water Intake	Motor	Motor	P-50008B	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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PM-50009A	Electric Motor for Fresh Water Pumps	Motor	Motor	P-50009A	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
PM-50009B	Electric Motor for Fresh Water Pumps	Motor	Motor	P-50009B	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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PM-50010A	Electric Motor for Biocide Dosing Pump to WWT	Motor	Motor	P-50010A	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
PM-50010B	Electric Motor for Biocide Dosing Pump to WWT	Motor	Motor	P-50010B	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
Q-43004	Hydrogen Vent	Vent	Miscellaneous Equipment	V-43001	123A90-DDL-PR-PID-80029	1724000887	Encore Thermoengineering	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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RR-100D1	Auxiliary NER	ElectricalEquipment	ElectricalEquipment	B-100	N.A.	1723001697	MF Trasformatori	N/A	N/A	Before to energize -Check of the oil level indicator* -Check of the silica gel salts * -Cleaning of the bushings -Buchholz relay check -Check of the connection tightening 6 MONTHS -Check of the oil level indicator Every 6 months- -Check of the silica gel salts -Buchholz relay check Yearly -Cleaning of the bushings -Check of the connection tightening -Dielectric strength * Every two years -Insulating liquid filtering By low dielectric strenght -Insulating liquid filtering
S-50001	Sand Filter	Filter	Filter	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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S-50002A	SAND FILTER	Filter	Filter	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
S-50002B	SAND FILTER	Filter	Filter	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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S-50003A	SAND FILTER	Filter	Filter	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
S-50003B	SAND FILTER	Filter	Filter	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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S-50004	Softening Filter	Filter	Filter	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
S-50010	SOFTENING FILTER LOCAL PANEL	Filter	Filter	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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S-63001A	Dryer pre-filter	Filter	Filter	A-63000	1724000428-PR-PID-00019	1724000428	Coes	Each 6 months check the conditions of the packing: if damaged proceed with replacing -Keep closed all battery limit connections with blind flanges or plugs (supplied with the package), to avoid that humidity, dust or atmospheric pollution enter into the component of the package. -Keep closed all vent and drain valves and all electrical connections. Every 6 month it is suggested to carry out site inspection as per following checklist: -Check that all manual vent and drain valves are closed. - Check that all blind flanges (if any) are closed and correctly tightened: install the flanges and tighten the stud bolts, if necessary. - Check that all terminal boxes are closed and that the internal is clean from sand or dust and that no dew is detected: clean, close of replace them, if necessary. - Check that all instruments, valves are not damaged: replace them, if necessary. - Check that all tubing is properly connected: tighten compression fittings, if necessary	N/A	N/A
S-63001B	Dryer pre-filter	Filter	Filter	A-63000	1724000428-PR-PID-00019	1724000428	Coes	Each 6 months check the conditions of the packing: if damaged proceed with replacing -Keep closed all battery limit connections with blind flanges or plugs (supplied with the package), to avoid that humidity, dust or atmospheric pollution enter into the component of the package. -Keep closed all vent and drain valves and all electrical connections. Every 6 month it is suggested to carry out site inspection as per following checklist: -Check that all manual vent and drain valves are closed. - Check that all blind flanges (if any) are closed and correctly tightened: install the flanges and tighten the stud bolts, if necessary. - Check that all terminal boxes are closed and that the internal is clean from sand or dust and that no dew is detected: clean, close of replace them, if necessary. - Check that all instruments, valves are not damaged: replace them, if necessary. - Check that all tubing is properly connected: tighten compression fittings, if necessary	N/A	N/A

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S-63002A	Dryer after-filter	Filter	Filter	A-63000	1724000428-PR-PID-00019	1724000428	Coes	Each 6 months check the conditions of the packing: if damaged proceed with replacing -Keep closed all battery limit connections with blind flanges or plugs (supplied with the package), to avoid that humidity, dust or atmospheric pollution enter into the component of the package. -Keep closed all vent and drain valves and all electrical connections. Every 6 month it is suggested to carry out site inspection as per following checklist: -Check that all manual vent and drain valves are closed. - Check that all blind flanges (if any) are closed and correctly tightened: install the flanges and tighten the stud bolts, if necessary. - Check that all terminal boxes are closed and that the internal is clean from sand or dust and that no dew is detected: clean, close of replace them, if necessary. - Check that all instruments, valves are not damaged: replace them, if necessary. - Check that all tubing is properly connected: tighten compression fittings, if necessary	N/A	N/A
S-63002B	Dryer after-filter	Filter	Filter	A-63000	1724000428-PR-PID-00019	1724000428	Coes	Each 6 months check the conditions of the packing: if damaged proceed with replacing -Keep closed all battery limit connections with blind flanges or plugs (supplied with the package), to avoid that humidity, dust or atmospheric pollution enter into the component of the package. -Keep closed all vent and drain valves and all electrical connections. Every 6 month it is suggested to carry out site inspection as per following checklist: -Check that all manual vent and drain valves are closed. - Check that all blind flanges (if any) are closed and correctly tightened: install the flanges and tighten the stud bolts, if necessary. - Check that all terminal boxes are closed and that the internal is clean from sand or dust and that no dew is detected: clean, close of replace them, if necessary. - Check that all instruments, valves are not damaged: replace them, if necessary. - Check that all tubing is properly connected: tighten compression fittings, if necessary	N/A	N/A

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S-64001A	PSA After Filter	Filter	Filter	A-64000	1724000437-PR-PID-00018	1724000437	Coes	Each 6 months check the conditions of the packing: if damaged proceed with replacing -Keep closed all battery limit connections with blind flanges or plugs (supplied with the package), to avoid that humidity, dust or atmospheric pollution enter into the component of the package. -Keep closed all vent and drain valves and all electrical connections. Every 6 month it is suggested to carry out site inspection as per following checklist: -Check that all manual vent and drain valves are closed. - Check that all blind flanges (if any) are closed and correctly tightened: install the flanges and tighten the stud bolts, if necessary. - Check that all terminal boxes are closed and that the internal is clean from sand or dust and that no dew is detected: clean, close of replace them, if necessary. - Check that all instruments, valves are not damaged: replace them, if necessary. - Check that all tubing is properly connected: tighten compression fittings, if necessary	N/A	N/A
S-64001B	PSA After Filter	Filter	Filter	A-64000	1724000437-PR-PID-00018	1724000437	Coes	Each 6 months check the conditions of the packing: if damaged proceed with replacing -Keep closed all battery limit connections with blind flanges or plugs (supplied with the package), to avoid that humidity, dust or atmospheric pollution enter into the component of the package. -Keep closed all vent and drain valves and all electrical connections. Every 6 month it is suggested to carry out site inspection as per following checklist: -Check that all manual vent and drain valves are closed. - Check that all blind flanges (if any) are closed and correctly tightened: install the flanges and tighten the stud bolts, if necessary. - Check that all terminal boxes are closed and that the internal is clean from sand or dust and that no dew is detected: clean, close of replace them, if necessary. - Check that all instruments, valves are not damaged: replace them, if necessary. - Check that all tubing is properly connected: tighten compression fittings, if necessary	N/A	N/A

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SG-100D1	6.6KV HV Switchgear	Switchboard	Switchboard	TR-100AD1		1723002197	Imesa	N/A	Metallic structure - --Cleaning and retouching Mechanical drives ---clean and remove rust Force blocks---Check the blocking sequence Stop blocks/Safety blocks--- Adjust the tie rods Disconnecting contacts---Wipe with a cloth soaked in alcohol and protect the areas with petroleum jelly Switch trolley/Contactor trolley/Special trolley---Perform the recommended maintenance Earthing connection components connections to the earthing system---Clean with thinner /Rub the oxidation traces with emery clothTighten the screws Auxiliary circuits	2 YEARS MAINTENANCE Painted or galvanised parts---Clean and/or remove rust Fixed contacts---Wipe with a cloth soaked in alcohol and protect the areas with silicone grease spray
SG-100D1/B400-NET-001.01	FTP-LSZH-IS-OS-SWB-LSZH	I&CCable	I&CCable	SG-100D1	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
SG-100D1/B400-NET-001.02	FTP-LSZH-IS-OS-SWB-LSZH	I&CCable	I&CCable	SG-100D1	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
SG-100D1/B400-NET-001.03	FTP-LSZH-IS-OS-SWB-LSZH	I&CCable	I&CCable	SG-100D1	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
SG100D1-MCT-A1	S 6X1 PRIMED	Multi Cable Transit	ElectricalEquipment	SG-100D1	N.A.	1723002197	Imesa	N/A	Metallic structure - --Cleaning and retouching Mechanical drives ---clean and remove rust Force blocks---Check the blocking sequence Stop blocks/Safety blocks--- Adjust the tie rods Disconnecting contacts---Wipe with a cloth soaked in alcohol and protect the areas with petroleum jelly Switch trolley/Contactor trolley/Special trolley---Perform the recommended maintenance Earthing connection components connections to the earthing system---Clean with thinner /Rub the oxidation traces with emery clothTighten the screws Auxiliary circuits	2 YEARS MAINTENANCE Painted or galvanised parts---Clean and/or remove rust Fixed contacts---Wipe with a cloth soaked in alcohol and protect the areas with silicone grease spray

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SG100D1-MCT-A2	S 6X1 PRIMED	Multi Cable Transit	ElectricalEquipment	SG-100D1	N.A.	1723002197	Imesa	N/A	Metallic structure - --Cleaning and retouching Mechanical drives ---clean and remove rust Force blocks---Check the blocking sequence Stop blocks/Safety blocks--- Adjust the tie rods Disconnecting contacts---Wipe with a cloth soaked in alcohol and protect the areas with petroleum jelly Switch trolley/Contactor trolley/Special trolley---Perform the recommended maintenance Earthing connection components connections to the earthing system---Clean with thinner /Rub the oxidation traces with emery clothTighten the screws Auxiliary circuits	2 YEARS MAINTENANCE Painted or galvanised parts---Clean and/or remove rust Fixed contacts---Wipe with a cloth soaked in alcohol and protect the areas with silicone grease spray
SG100D1-MCT-A3	S 6X1 PRIMED	Multi Cable Transit	ElectricalEquipment	SG-100D1	N.A.	1723002197	Imesa	N/A	Metallic structure - --Cleaning and retouching Mechanical drives ---clean and remove rust Force blocks---Check the blocking sequence Stop blocks/Safety blocks--- Adjust the tie rods Disconnecting contacts---Wipe with a cloth soaked in alcohol and protect the areas with petroleum jelly Switch trolley/Contactor trolley/Special trolley---Perform the recommended maintenance Earthing connection components connections to the earthing system---Clean with thinner /Rub the oxidation traces with emery clothTighten the screws Auxiliary circuits	2 YEARS MAINTENANCE Painted or galvanised parts---Clean and/or remove rust Fixed contacts---Wipe with a cloth soaked in alcohol and protect the areas with silicone grease spray

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SG100D1-MCT-A4	S 6X1 PRIMED	Multi Cable Transit	ElectricalEquipment	SG-100D1	N.A.	1723002197	Imesa	N/A	Metallic structure - --Cleaning and retouching Mechanical drives ---clean and remove rust Force blocks---Check the blocking sequence Stop blocks/Safety blocks--- Adjust the tie rods Disconnecting contacts---Wipe with a cloth soaked in alcohol and protect the areas with petroleum jelly Switch trolley/Contactor trolley/Special trolley---Perform the recommended maintenance Earthing connection components connections to the earthing system---Clean with thinner /Rub the oxidation traces with emery clothTighten the screws Auxiliary circuits	2 YEARS MAINTENANCE Painted or galvanised parts---Clean and/or remove rust Fixed contacts---Wipe with a cloth soaked in alcohol and protect the areas with silicone grease spray
SG100D1-MCT-A6	S 6X1 PRIMED	Multi Cable Transit	ElectricalEquipment	SG-100D1	N.A.	1723002197	Imesa	N/A	Metallic structure - --Cleaning and retouching Mechanical drives ---clean and remove rust Force blocks---Check the blocking sequence Stop blocks/Safety blocks--- Adjust the tie rods Disconnecting contacts---Wipe with a cloth soaked in alcohol and protect the areas with petroleum jelly Switch trolley/Contactor trolley/Special trolley---Perform the recommended maintenance Earthing connection components connections to the earthing system---Clean with thinner /Rub the oxidation traces with emery clothTighten the screws Auxiliary circuits	2 YEARS MAINTENANCE Painted or galvanised parts---Clean and/or remove rust Fixed contacts---Wipe with a cloth soaked in alcohol and protect the areas with silicone grease spray

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SG100D1-MCT-A7	S 6X1 PRIMED	Multi Cable Transit	ElectricalEquipment	SG-100D1	N.A.	1723002197	Imesa	N/A	Metallic structure - --Cleaning and retouching Mechanical drives ---clean and remove rust Force blocks---Check the blocking sequence Stop blocks/Safety blocks--- Adjust the tie rods Disconnecting contacts---Wipe with a cloth soaked in alcohol and protect the areas with petroleum jelly Switch trolley/Contactor trolley/Special trolley---Perform the recommended maintenance Earthing connection components connections to the earthing system---Clean with thinner /Rub the oxidation traces with emery clothTighten the screws Auxiliary circuits	2 YEARS MAINTENANCE Painted or galvanised parts---Clean and/or remove rust Fixed contacts---Wipe with a cloth soaked in alcohol and protect the areas with silicone grease spray
SG100D1-MCT-B1	S 6X1 PRIMED	Multi Cable Transit	ElectricalEquipment	SG-100D1	N.A.	1723002197	Imesa	N/A	Metallic structure - --Cleaning and retouching Mechanical drives ---clean and remove rust Force blocks---Check the blocking sequence Stop blocks/Safety blocks--- Adjust the tie rods Disconnecting contacts---Wipe with a cloth soaked in alcohol and protect the areas with petroleum jelly Switch trolley/Contactor trolley/Special trolley---Perform the recommended maintenance Earthing connection components connections to the earthing system---Clean with thinner /Rub the oxidation traces with emery clothTighten the screws Auxiliary circuits	2 YEARS MAINTENANCE Painted or galvanised parts---Clean and/or remove rust Fixed contacts---Wipe with a cloth soaked in alcohol and protect the areas with silicone grease spray

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SG100D1-MCT-B2	S 6X1 PRIMED	Multi Cable Transit	ElectricalEquipment	SG-100D1	N.A.	1723002197	Imesa	N/A	Metallic structure - --Cleaning and retouching Mechanical drives ---clean and remove rust Force blocks---Check the blocking sequence Stop blocks/Safety blocks--- Adjust the tie rods Disconnecting contacts---Wipe with a cloth soaked in alcohol and protect the areas with petroleum jelly Switch trolley/Contactor trolley/Special trolley---Perform the recommended maintenance Earthing connection components connections to the earthing system---Clean with thinner /Rub the oxidation traces with emery clothTighten the screws Auxiliary circuits	2 YEARS MAINTENANCE Painted or galvanised parts---Clean and/or remove rust Fixed contacts---Wipe with a cloth soaked in alcohol and protect the areas with silicone grease spray
SG100D1-MCT-B3	S 6X1 PRIMED	Multi Cable Transit	ElectricalEquipment	SG-100D1	N.A.	1723002197	Imesa	N/A	Metallic structure - --Cleaning and retouching Mechanical drives ---clean and remove rust Force blocks---Check the blocking sequence Stop blocks/Safety blocks--- Adjust the tie rods Disconnecting contacts---Wipe with a cloth soaked in alcohol and protect the areas with petroleum jelly Switch trolley/Contactor trolley/Special trolley---Perform the recommended maintenance Earthing connection components connections to the earthing system---Clean with thinner /Rub the oxidation traces with emery clothTighten the screws Auxiliary circuits	2 YEARS MAINTENANCE Painted or galvanised parts---Clean and/or remove rust Fixed contacts---Wipe with a cloth soaked in alcohol and protect the areas with silicone grease spray

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SG100D1-MCT-B4	S 6X1 PRIMED	Multi Cable Transit	ElectricalEquipment	SG-100D1	N.A.	1723002197	Imesa	N/A	Metallic structure - --Cleaning and retouching Mechanical drives ---clean and remove rust Force blocks---Check the blocking sequence Stop blocks/Safety blocks--- Adjust the tie rods Disconnecting contacts---Wipe with a cloth soaked in alcohol and protect the areas with petroleum jelly Switch trolley/Contactor trolley/Special trolley---Perform the recommended maintenance Earthing connection components connections to the earthing system---Clean with thinner /Rub the oxidation traces with emery clothTighten the screws Auxiliary circuits	2 YEARS MAINTENANCE Painted or galvanised parts---Clean and/or remove rust Fixed contacts---Wipe with a cloth soaked in alcohol and protect the areas with silicone grease spray
SG100D1-MCT-B5	S 6X1 PRIMED	Multi Cable Transit	ElectricalEquipment	SG-100D1	N.A.	1723002197	Imesa	N/A	Metallic structure - --Cleaning and retouching Mechanical drives ---clean and remove rust Force blocks---Check the blocking sequence Stop blocks/Safety blocks--- Adjust the tie rods Disconnecting contacts---Wipe with a cloth soaked in alcohol and protect the areas with petroleum jelly Switch trolley/Contactor trolley/Special trolley---Perform the recommended maintenance Earthing connection components connections to the earthing system---Clean with thinner /Rub the oxidation traces with emery clothTighten the screws Auxiliary circuits	2 YEARS MAINTENANCE Painted or galvanised parts---Clean and/or remove rust Fixed contacts---Wipe with a cloth soaked in alcohol and protect the areas with silicone grease spray

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SG100D1-MCT-B6	S 6X1 PRIMED	Multi Cable Transit	ElectricalEquipment	SG-100D1	N.A.	1723002197	Imesa	N/A	Metallic structure - --Cleaning and retouching Mechanical drives ---clean and remove rust Force blocks---Check the blocking sequence Stop blocks/Safety blocks--- Adjust the tie rods Disconnecting contacts---Wipe with a cloth soaked in alcohol and protect the areas with petroleum jelly Switch trolley/Contactor trolley/Special trolley---Perform the recommended maintenance Earthing connection components connections to the earthing system---Clean with thinner /Rub the oxidation traces with emery clothTighten the screws Auxiliary circuits	2 YEARS MAINTENANCE Painted or galvanised parts---Clean and/or remove rust Fixed contacts---Wipe with a cloth soaked in alcohol and protect the areas with silicone grease spray
SG100D1-MCT-B7	S 6X1 PRIMED	Multi Cable Transit	ElectricalEquipment	SG-100D1	N.A.	1723002197	Imesa	N/A	Metallic structure - --Cleaning and retouching Mechanical drives ---clean and remove rust Force blocks---Check the blocking sequence Stop blocks/Safety blocks--- Adjust the tie rods Disconnecting contacts---Wipe with a cloth soaked in alcohol and protect the areas with petroleum jelly Switch trolley/Contactor trolley/Special trolley---Perform the recommended maintenance Earthing connection components connections to the earthing system---Clean with thinner /Rub the oxidation traces with emery clothTighten the screws Auxiliary circuits	2 YEARS MAINTENANCE Painted or galvanised parts---Clean and/or remove rust Fixed contacts---Wipe with a cloth soaked in alcohol and protect the areas with silicone grease spray

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SG-200D2	LV SWBD 800/460V Auxiliary	Switchboard	Switchboard	TR-200ED1		1723002197	Imesa	N/A	Metallic structure - --Cleaning and retouching Mechanical drives ---clean and remove rust Force blocks---Check the blocking sequence Stop blocks/Safety blocks--- Adjust the tie rods Disconnecting contacts---Wipe with a cloth soaked in alcohol and protect the areas with petroleum jelly Switch trolley/Contactor trolley/Special trolley---Perform the recommended maintenance Earthing connection components connections to the earthing system---Clean with thinner /Rub the oxidation traces with emery clothTighten the screws Auxiliary circuits	2 YEARS MAINTENANCE Painted or galvanised parts---Clean and/or remove rust Fixed contacts---Wipe with a cloth soaked in alcohol and protect the areas with silicone grease spray
SG-200D2/B400-NET-001	FTP-LSZH-IS-OS-SWB-LSZH	I&CCable	I&CCable	SG-200D2	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
SG200D2-MCT-A1	S 6X2 PRIMED	Multi Cable Transit	ElectricalEquipment	SG-200D2	N.A.	1723002197	Imesa	N/A	Metallic structure - --Cleaning and retouching Mechanical drives ---clean and remove rust Force blocks---Check the blocking sequence Stop blocks/Safety blocks--- Adjust the tie rods Disconnecting contacts---Wipe with a cloth soaked in alcohol and protect the areas with petroleum jelly Switch trolley/Contactor trolley/Special trolley---Perform the recommended maintenance Earthing connection components connections to the earthing system---Clean with thinner /Rub the oxidation traces with emery clothTighten the screws Auxiliary circuits	2 YEARS MAINTENANCE Painted or galvanised parts---Clean and/or remove rust Fixed contacts---Wipe with a cloth soaked in alcohol and protect the areas with silicone grease spray

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SG-200N1	LV Switchboard Auxiliary	Switchboard	Switchboard	TR-200DE1		1723002197	Imesa	N/A	Metallic structure - --Cleaning and retouching Mechanical drives ---clean and remove rust Force blocks---Check the blocking sequence Stop blocks/Safety blocks--- Adjust the tie rods Disconnecting contacts---Wipe with a cloth soaked in alcohol and protect the areas with petroleum jelly Switch trolley/Contactor trolley/Special trolley---Perform the recommended maintenance Earthing connection components connections to the earthing system---Clean with thinner /Rub the oxidation traces with emery clothTighten the screws Auxiliary circuits	2 YEARS MAINTENANCE Painted or galvanised parts---Clean and/or remove rust Fixed contacts---Wipe with a cloth soaked in alcohol and protect the areas with silicone grease spray
SG-200N1/B400-NET-001.01	FTP-LSZH-IS-OS-SWB-LSZH	I&CCable	I&CCable	SG-200N1	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
SG-200N1/B400-NET-001.02	FTP-LSZH-IS-OS-SWB-LSZH	I&CCable	I&CCable	SG-200N1	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
SG-200N1/B400-NET-001.03	FTP-LSZH-IS-OS-SWB-LSZH	I&CCable	I&CCable	SG-200N1	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
SG200N1-MCT-A1a	S 6X4 PRIMED	Multi Cable Transit	ElectricalEquipment	SG-200N1	N.A.	1723002197	Imesa	N/A	Metallic structure - --Cleaning and retouching Mechanical drives ---clean and remove rust Force blocks---Check the blocking sequence Stop blocks/Safety blocks--- Adjust the tie rods Disconnecting contacts---Wipe with a cloth soaked in alcohol and protect the areas with petroleum jelly Switch trolley/Contactor trolley/Special trolley---Perform the recommended maintenance Earthing connection components connections to the earthing system---Clean with thinner /Rub the oxidation traces with emery clothTighten the screws Auxiliary circuits	2 YEARS MAINTENANCE Painted or galvanised parts---Clean and/or remove rust Fixed contacts---Wipe with a cloth soaked in alcohol and protect the areas with silicone grease spray

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SG200N1-MCT-A1b	S 6X2 PRIMED	Multi Cable Transit	ElectricalEquipment	SG-200N1	N.A.	1723002197	Imesa	N/A	Metallic structure - --Cleaning and retouching Mechanical drives ---clean and remove rust Force blocks---Check the blocking sequence Stop blocks/Safety blocks--- Adjust the tie rods Disconnecting contacts---Wipe with a cloth soaked in alcohol and protect the areas with petroleum jelly Switch trolley/Contactor trolley/Special trolley---Perform the recommended maintenance Earthing connection components connections to the earthing system---Clean with thinner /Rub the oxidation traces with emery clothTighten the screws Auxiliary circuits	2 YEARS MAINTENANCE Painted or galvanised parts---Clean and/or remove rust Fixed contacts---Wipe with a cloth soaked in alcohol and protect the areas with silicone grease spray
SG200N1-MCT-A2	S 6X2 PRIMED	Multi Cable Transit	ElectricalEquipment	SG-200N1	N.A.	1723002197	Imesa	N/A	Metallic structure - --Cleaning and retouching Mechanical drives ---clean and remove rust Force blocks---Check the blocking sequence Stop blocks/Safety blocks--- Adjust the tie rods Disconnecting contacts---Wipe with a cloth soaked in alcohol and protect the areas with petroleum jelly Switch trolley/Contactor trolley/Special trolley---Perform the recommended maintenance Earthing connection components connections to the earthing system---Clean with thinner /Rub the oxidation traces with emery clothTighten the screws Auxiliary circuits	2 YEARS MAINTENANCE Painted or galvanised parts---Clean and/or remove rust Fixed contacts---Wipe with a cloth soaked in alcohol and protect the areas with silicone grease spray

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SG200N1-MCT-A3	S 6X2 PRIMED	Multi Cable Transit	ElectricalEquipment	SG-200N1	N.A.	1723002197	Imesa	N/A	Metallic structure - --Cleaning and retouching Mechanical drives ---clean and remove rust Force blocks---Check the blocking sequence Stop blocks/Safety blocks--- Adjust the tie rods Disconnecting contacts---Wipe with a cloth soaked in alcohol and protect the areas with petroleum jelly Switch trolley/Contactor trolley/Special trolley---Perform the recommended maintenance Earthing connection components connections to the earthing system---Clean with thinner /Rub the oxidation traces with emery clothTighten the screws Auxiliary circuits	2 YEARS MAINTENANCE Painted or galvanised parts---Clean and/or remove rust Fixed contacts---Wipe with a cloth soaked in alcohol and protect the areas with silicone grease spray
SG200N1-MCT-A4	S 6X2 PRIMED	Multi Cable Transit	ElectricalEquipment	SG-200N1	N.A.	1723002197	Imesa	N/A	Metallic structure - --Cleaning and retouching Mechanical drives ---clean and remove rust Force blocks---Check the blocking sequence Stop blocks/Safety blocks--- Adjust the tie rods Disconnecting contacts---Wipe with a cloth soaked in alcohol and protect the areas with petroleum jelly Switch trolley/Contactor trolley/Special trolley---Perform the recommended maintenance Earthing connection components connections to the earthing system---Clean with thinner /Rub the oxidation traces with emery clothTighten the screws Auxiliary circuits	2 YEARS MAINTENANCE Painted or galvanised parts---Clean and/or remove rust Fixed contacts---Wipe with a cloth soaked in alcohol and protect the areas with silicone grease spray

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SG200N1-MCT-A5	S 6X2 PRIMED	Multi Cable Transit	ElectricalEquipment	SG-200N1	N.A.	1723002197	Imesa	N/A	Metallic structure - --Cleaning and retouching Mechanical drives ---clean and remove rust Force blocks---Check the blocking sequence Stop blocks/Safety blocks--- Adjust the tie rods Disconnecting contacts---Wipe with a cloth soaked in alcohol and protect the areas with petroleum jelly Switch trolley/Contactor trolley/Special trolley---Perform the recommended maintenance Earthing connection components connections to the earthing system---Clean with thinner /Rub the oxidation traces with emery clothTighten the screws Auxiliary circuits	2 YEARS MAINTENANCE Painted or galvanised parts---Clean and/or remove rust Fixed contacts---Wipe with a cloth soaked in alcohol and protect the areas with silicone grease spray
SG200N1-MCT-A6	S 6X2 PRIMED	Multi Cable Transit	ElectricalEquipment	SG-200N1	N.A.	1723002197	Imesa	N/A	Metallic structure - --Cleaning and retouching Mechanical drives ---clean and remove rust Force blocks---Check the blocking sequence Stop blocks/Safety blocks--- Adjust the tie rods Disconnecting contacts---Wipe with a cloth soaked in alcohol and protect the areas with petroleum jelly Switch trolley/Contactor trolley/Special trolley---Perform the recommended maintenance Earthing connection components connections to the earthing system---Clean with thinner /Rub the oxidation traces with emery clothTighten the screws Auxiliary circuits	2 YEARS MAINTENANCE Painted or galvanised parts---Clean and/or remove rust Fixed contacts---Wipe with a cloth soaked in alcohol and protect the areas with silicone grease spray

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SG200N1-MCT-A7	S 6X2 PRIMED	Multi Cable Transit	ElectricalEquipment	SG-200N1	N.A.	1723002197	Imesa	N/A	Metallic structure - --Cleaning and retouching Mechanical drives ---clean and remove rust Force blocks---Check the blocking sequence Stop blocks/Safety blocks--- Adjust the tie rods Disconnecting contacts---Wipe with a cloth soaked in alcohol and protect the areas with petroleum jelly Switch trolley/Contactor trolley/Special trolley---Perform the recommended maintenance Earthing connection components connections to the earthing system---Clean with thinner /Rub the oxidation traces with emery clothTighten the screws Auxiliary circuits	2 YEARS MAINTENANCE Painted or galvanised parts---Clean and/or remove rust Fixed contacts---Wipe with a cloth soaked in alcohol and protect the areas with silicone grease spray
T4	6.6/0.4/0.4 KV, 3.15MVA Transformer Electrolyser	Transformer	Transformer	A-20000		CPI-003	Celme			
T-50002	Caustic Soda Dosing Tank	Tank	Tank	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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T-50003	Antiscalant Dosing Tank	Tank	Tank	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
T-50004	Biocide Dosing Tank	Tank	Tank	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter

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T-50006	Fresh Water Tank	Tank	Tank	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
T-50008	Filtered Sea water Tank	Tank	Tank	A-50000	1724000448-PR-PID-00013	1724000448	PSC	REPLACEMENT OF CARTRIDGES It is essential to replace the cartridges when the differential pressure (manometric difference between inlet of First stage CF and outlet of Second stage gauges) exceeds 2 bar, or every six months. To extract the cartridges from the housing proceed as below: -Close filters inlet and outlet valves. -Open the ball valve installed on the drainage until the filters have been completely emptied. -Open the vent valve. -Make sure that there is no more pressure inside the filter and that all the liquid contained in it has been completely expelled. -Unscrew the handwheel of the CLAMPING BAND, then remove it. -Lift and remove the CAP. Scope of the Water Treatment Package is to treat the sea water to supply 0.8 m3/h of fresh water to feed the Electrolyser.Platform will operate normally unmanned with minimal maintenance approx. every 6 months The operation is discontinuous: it is estimated to operate the package 45 times in 6 months, each operation lasts 8-12 hours. The Water Treatment Package mainly consists of three process sections:	N/A	Normal maintenance includes: 1.Replacement of cartridges in cartridge filters. 2.Check and refilling of chemicals. 3.Check of instrumentation (calibration of analysis instrument). 4.Check for any leakage. 5.Check the level of salt in brine tank of softener and refill it. 6.Cartridge replacement 7.Replacement of RO membranes Extraordinary maintenance could include: • Sand filter refilling or replacement. • Maintenance or replacement of electric heating element. • Maintenance or replacement of valves. • Replacement of UV lamp. • Maintenance of coarse filter
T-55001	Waste Water Tank	Tank	Tank	N.A.		1724000740	AST SpA	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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TA30	6.6/0.4 KV, 1.25MVA Transformer	Transformer	Transformer	A-80000		CPI-004	Ballard	General Cleaning -Ensure that the container is clean and that the walk-area inside and outside is clear of obstacles HYDROGEN '-Check Hydrogen Heater coolant level PROCESS DRAIN -Check Process drain heat trace COOLING -Check HT cooling system -Check LT cooling system -Check LT coolant strainer -LT Coolant pump and motor VENTILATION -Check ventilation dampers (Louvres) -Check container Air-intake-fan -Change container Air-intake filter -Change Ventilation Filter Box (Fuel Cell Module) SAFETY SYSTEM -Life-check Hydrogen sensor -Test RCD's	HYDROGEN '-Check Hydrogen piping -Test Hydrogen Heater coolant quality -Check Hydrogen Heater heating elements PROCESS DRAIN -Check Process drain catch-tank level switch COOLING -Test LT Coolant quality VENTILATION -Check container heater cleanliness ELECTRICAL -Thermography inspection -Check UPS -Clean DC/DC cabinets Clean DC/DC cabinets SAFETY SYSTEM -Check smoke detectors -Calibrate Hydrogen sensor -Emergency stop (internals and externals)	N/A
TR-100AD1	66kV, 7MVA Transformer	Transformer	Transformer	Lower Deck		1723001697	MF Trasformatori	N/A	N/A	Before to energize -Check of the oil level indicator* -Check of the silica gel salts * -Cleaning of the bushings -Buchholz relay check -Check of the connection tightening 6 MONTHS -Check of the oil level indicator Every 6 months- -Check of the silica gel salts -Buchholz relay check Yearly -Cleaning of the bushings -Check of the connection tightening -Dielectric strength * Every two years -Insulating liquid filtering By low dielectric strenght -Insulating liquid filtering
TR-100AD1AVR/B400-NET-001	FTP-LSZH-IS-OS-SWB-LSZH	I&CCable	I&CCable	TR-100AD1AVR	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
TR-200DE1	LV Switchboard (SG-200N1)	Transformer	Transformer	SG-200N1		1723001697	MF Trasformatori	N/A	N/A	Before to energize -Check of the oil level indicator* -Check of the silica gel salts * -Cleaning of the bushings -Buchholz relay check -Check of the connection tightening 6 MONTHS -Check of the oil level indicator Every 6 months- -Check of the silica gel salts -Buchholz relay check Yearly -Cleaning of the bushings -Check of the connection tightening -Dielectric strength * Every two years -Insulating liquid filtering By low dielectric strenght -Insulating liquid filtering

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TR-200ED1	Solar Package	Transformer	Transformer	B-200		1723001697	MF Trasformatori	N/A	N/A	Before to energize -Check of the oil level indicator* -Check of the silica gel salts * -Cleaning of the bushings -Buchholz relay check -Check of the connection tightening 6 MONTHS -Check of the oil level indicator Every 6 months- -Check of the silica gel salts -Buchholz relay check Yearly -Cleaning of the bushings -Check of the connection tightening -Dielectric strength * Every two years -Insulating liquid filtering By low dielectric strenght -Insulating liquid filtering
UP-200F1	DC Battery System - Switchgears Control	ElectricalEquipment	ElectricalEquipment	B-200	N.A.	1724000372	3W Power	At least every 6 (six) months please measure and record: • Battery voltage • Float voltage of some cells/blocks (as sample) • Surface temperature of some cells/blocks (as sample) • Battery room temperature	At least every 12 (twelve) months please measure and record: • Battery voltage • Float voltage of all cells / blocks • Surface temperature of all cells/blocks • Battery room temperature • Insulation resistance acc. to DIN 43539 part1 At least every 12 (twelve) months please check: • Screw connections • Screw connections without locking devices have to be checked for tightness • Battery installation and arrangement • Ventilation	Maintenance interval Maintenance Task 6 months Check battery voltage 6 months Carry out functional test 12 months Check battery screw connections 40.000 hours Replace fan (*) 10 years Replace electrolytic capacitors for AC UPS 7 years Replace electrolytic capacitors for DC UPS 5 years Replace input filter
UP-200F1/B400-NET-001.01	FTP-LSZH-IS-OS-SWB-LSZH	I&CCable	I&CCable	UP-200F1	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
UP-200F1/B400-NET-001.02	FTP-LSZH-IS-OS-SWB-LSZH	I&CCable	I&CCable	UP-200F1	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
UP-200F3	AC UPS PAS - 30min	ElectricalEquipment	ElectricalEquipment	B-200	N.A.	1724000372	3W Power	At least every 6 (six) months please measure and record: • Battery voltage • Float voltage of some cells/blocks (as sample) • Surface temperature of some cells/blocks (as sample) • Battery room temperature	At least every 12 (twelve) months please measure and record: • Battery voltage • Float voltage of all cells / blocks • Surface temperature of all cells/blocks • Battery room temperature • Insulation resistance acc. to DIN 43539 part1 At least every 12 (twelve) months please check: • Screw connections • Screw connections without locking devices have to be checked for tightness • Battery installation and arrangement • Ventilation	Maintenance interval Maintenance Task 6 months Check battery voltage 6 months Carry out functional test 12 months Check battery screw connections 40.000 hours Replace fan (*) 10 years Replace electrolytic capacitors for AC UPS 7 years Replace electrolytic capacitors for DC UPS 5 years Replace input filter
UP-200F3/B400-NET-001.01	FTP-LSZH-IS-OS-SWB-LSZH	I&CCable	I&CCable	UP-200F3	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
UP-200F3/B400-NET-001.02	FTP-LSZH-IS-OS-SWB-LSZH	I&CCable	I&CCable	UP-200F3	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
UP-200F3/B400-SIS-001	Cu-MICA-XLPE-OS-LSZH-SWB-LSZH	I&CCable	I&CCable	UP-200F3	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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UP-200F4	AC UPS F&G AUXILIARY	ElectricalEquipment	ElectricalEquipment	B-200	N.A.	1724000372	3W Power	At least every 6 (six) months please measure and record: • Battery voltage • Float voltage of some cells/blocks (as sample) • Surface temperature of some cells/blocks (as sample) • Battery room temperature	At least every 12 (twelve) months please measure and record: • Battery voltage • Float voltage of all cells / blocks • Surface temperature of all cells/blocks • Battery room temperature • Insulation resistance acc. to DIN 43539 part1 At least every 12 (twelve) months please check: • Screw connections • Screw connections without locking devices have to be checked for tightness • Battery installation and arrangement • Ventilation	Maintenance interval Maintenance Task 6 months Check battery voltage 6 months Carry out functional test 12 months Check battery screw connections 40.000 hours Replace fan (*) 10 years Replace electrolytic capacitors for AC UPS 7 years Replace electrolytic capacitors for DC UPS 5 years Replace input filter
UP-200F4/B400-NET-001.01	FTP-LSZH-IS-OS-SWB-LSZH	I&CCable	I&CCable	UP-200F4	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
UP-200F4/B400-NET-001.02	FTP-LSZH-IS-OS-SWB-LSZH	I&CCable	I&CCable	UP-200F4	N.A.	1724001170	FLEI	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
V-25001A	Hydrogen Storage Vessels	Vessel	Vessel	N.A.	123A90-DDL-PR-PID-80015	1723001756	Brembana & Rolle	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
V-25001B	Hydrogen Storage Vessels	Vessel	Vessel	N.A.	123A90-DDL-PR-PID-80016	1723001756	Brembana & Rolle	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
V-25001C	Hydrogen Storage Vessels	Vessel	Vessel	N.A.	123A90-DDL-PR-PID-80017	1723001756	Brembana & Rolle	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
V-25001D	Hydrogen Storage Vessels	Vessel	Vessel	N.A.	123A90-DDL-PR-PID-80018	1723001756	Brembana & Rolle	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
V-25001E	Hydrogen Storage Vessels	Vessel	Vessel	N.A.	123A90-DDL-PR-PID-80019	1723001756	Brembana & Rolle	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
V-25001F	Hydrogen Storage Vessels	Vessel	Vessel	N.A.	123A90-DDL-PR-PID-80020	1723001756	Brembana & Rolle	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
V-43001	Hydrogen Vent KO Drum	Vessel	Vessel	N.A.	123A90-DDL-PR-PID-80029	1724000163	C.A.M.P.I.	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
V-50000A	Seal Pot Plan 51 of P-50001A	Vessel	Vessel	N.A.	123A90-DDL-PR-PID-80021	1724000936	PCM Group	-Replace the desiccant pouches.(if storage long term) - Check machined surfaces, and lubricate if necessary(if storage long term)	N/A	Every 6 months - Turn the pump through four or five revolutions using the fan or bearing shaft. If the equipment is used daily, the following should be checked: - Complete leak tightness of the pump (once 6 months). - Tightness of the assembly mounting hardware (port, stator, body, spacer, drive) (once 6 months). - Level of lubricant in the drive, if applicable (once 6 months). - Anchoring (once a year). - Motor current and cleanliness of drive ventilation grid (once 6 months). - Condition of power supply electrical ducts (once a year). - Alignment of the coupling for bearing pumps (once a year).
V-50000B	Seal Pot Plan 51 of P-50001B	Vessel	Vessel	N.A.	123A90-DDL-PR-PID-80021	1724000936	PCM Group	-Replace the desiccant pouches.(if storage long term) - Check machined surfaces, and lubricate if necessary(if storage long term)	N/A	Every 6 months - Turn the pump through four or five revolutions using the fan or bearing shaft. If the equipment is used daily, the following should be checked: - Complete leak tightness of the pump (once 6 months). - Tightness of the assembly mounting hardware (port, stator, body, spacer, drive) (once 6 months). - Level of lubricant in the drive, if applicable (once 6 months). - Anchoring (once a year). - Motor current and cleanliness of drive ventilation grid (once 6 months). - Condition of power supply electrical ducts (once a year). - Alignment of the coupling for bearing pumps (once a year).

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V-64001	N2 Receiver	Vessel	Vessel	A-64000	1724000437-PR-PID-00018	1724000437	Coes	Each 6 months check the conditions of the packing: if damaged proceed with replacing -Keep closed all battery limit connections with blind flanges or plugs (supplied with the package), to avoid that humidity, dust or atmospheric pollution enter into the component of the package. -Keep closed all vent and drain valves and all electrical connections. Every 6 month it is suggested to carry out site inspection as per following checklist: -Check that all manual vent and drain valves are closed. - Check that all blind flanges (if any) are closed and correctly tightened: install the flanges and tighten the stud bolts, if necessary. - Check that all terminal boxes are closed and that the internal is clean from sand or dust and that no dew is detected: clean, close of replace them, if necessary. - Check that all instruments, valves are not damaged: replace them, if necessary. - Check that all tubing is properly connected: tighten compression fittings, if necessary	N/A	N/A
X-99001	**Lifting Davit**	**Handling**	**Handling**	**N.A.**		1724001010	Remazel	-Check operation of all limit switches -Check operation of emergency stop -Check pinion for wear -Check wire rope for wear -Check hook block for wear -Grease rack and pinions -Clean and lubricate wire rope -Check for oil leaks from gearboxes	-Check operation of all limit switches -Check operation of emergency stop -Check pinion for wear -Check wire rope for wear -Check hook block for wear Grease rack and pinions -Clean and lubricate wire rope -Check for oil leaks from gearboxes -Change gearboxes oil -Grease slewing bearing -Check terminals tightening -Check UPS battery -Main components tightening torques check	3RD MAINTENANCE (18 MONTHS) -Check operation of all limit switches -Check operation of emergency stop -Check pinion for wear -Check wire rope for wear -Check hook block for wear -Grease rack and pinions -Clean and lubricate wire rope -Check for oil leaks from gearboxes 4TH MAINTENANCE (24 MONTHS) -Check operation of all limit switches -Check operation of emergency stop -Check pinion for wear -Check wire rope for wear -Check hook block for wear -Grease rack and pinions -Clean and lubricate wire rope -Check for oil leaks from gearboxes -Change gearboxes oil -Grease slewing bearing -Check of calibration of load cell -Check terminals tightening -Electric insulation test -Change UPS battery -Main components tightening torques check -Hoisting brake test -Rocking test
XB2(Z2)-1	IAC Cable Extension - Interface T-Connector	ElectricalJunctionBox	ElectricalJunctionBox	N.A.	N.A.	1724002000	HVS Solution - Reynard	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
XB2(Z2)-2	IAC Cable Extension - Interface T-Connector	ElectricalJunctionBox	ElectricalJunctionBox	N.A.	N.A.	1724002000	HVS Solution - Reynard	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
XB2(Z2)-3	IAC Cable Extension - Interface T-Connector	ElectricalJunctionBox	ElectricalJunctionBox	N.A.	N.A.	1724002000	HVS Solution - Reynard	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
Y-89-06-TBC-001	IMPRES Single unit charger for UHF DMR Radio	Radio charger	TelecomEquipment	Y-89-06-THU-001	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
Y-89-06-TBC-002	IMPRES Single unit charger for UHF DMR Radio	Radio charger	TelecomEquipment	Y-89-06-THU-002	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
Y-89-06-THS-001	Twin cup headset for UHF DMR Portable Radio	Headset	TelecomEquipment	Y-89-06-THU-001	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
Y-89-06-THS-002	Twin cup headset for UHF DMR Portable Radio	Headset	TelecomEquipment	Y-89-06-THU-002	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
Y-89-06-THU-001	UHF DMR Portable Radio (2)	Radio	TelecomEquipment	N.A.	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
Y-89-06-THU-001_01	Remote Speaker	Remote Speaker	TelecomEquipment	Y-89-06-THU-001	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
Y-89-06-THU-002	UHF DMR Portable Radio (2)	Radio	TelecomEquipment	N.A.	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
Y-89-06-THU-002_01	Remote Speaker	Remote Speaker	TelecomEquipment	Y-89-06-THU-002	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
Y-89-24-TEP-001	Emergency Position Indicating Radio Beacon	Radio Beacon	TelecomEquipment	N.A.	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
Y-89-24-TEP-002	Emergency Position Indicating Radio Beacon	Radio Beacon	TelecomEquipment	N.A.	N.A.	N.A.	N.A.			
Y-89-24-TSA-001	N.A.	N.A.	TelecomEquipment	N.A.	N.A.	N.A.	N.A.			
Y-89-24-TSA-002	N.A.	N.A.	TelecomEquipment	N.A.	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
Y-89-25-TBC-001	Single unit charger for VHF Marine Radio (3) (4)	Radio charger	TelecomEquipment	Y-89-25-THG-001	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
Y-89-25-TBC-002	Single unit charger for VHF Marine Radio (3) (4)	Radio charger	TelecomEquipment	Y-89-25-THG-002	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
Y-89-25-THG-001	GMDSS VHF Marine Portable Radio (1)	Radio	TelecomEquipment	N.A.	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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Y-89-25-THG-001_01	PTT Control Unit	PTT Control Unit	TelecomEquipment	Y-89-25-THG-001	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
Y-89-25-THG-002	GMDSS VHF Marine Portable Radio (1)	Radio	TelecomEquipment	N.A.	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
Y-89-25-THG-002_01	PTT Control Unit	PTT Control Unit	TelecomEquipment	Y-89-25-THG-002	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
Y-89-25-THS-001	Twin cup headset for VHF Marine Portable Radio	Headset	TelecomEquipment	Y-89-25-THG-001	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
Y-89-25-THS-002	Twin cup headset for VHF Marine Portable Radio	Headset	TelecomEquipment	Y-89-25-THG-002	N.A.	1724000452	Fores	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
YDF-079001	AED Cabinet	SafetyEquipment	SafetyEquipment	N.A.	N.A.	1724001660	Draeger	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
YEE-079001A	Life Saving Equipment Cabinet	SafetyEquipment	SafetyEquipment	N.A.	N.A.	1724001660	Draeger	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
YEE-079001B	Life Saving Equipment Cabinet	SafetyEquipment	SafetyEquipment	N.A.	N.A.	1724001660	Draeger	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
YEE-079001C	Escape Breathing Apparatus Cabinet	SafetyEquipment	SafetyEquipment	N.A.	N.A.	1724001660	Draeger	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
YLB-079003A	Lifebuoy Cabinet	SafetyEquipment	SafetyEquipment	N.A.	N.A.	1724001660	Draeger	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
YLB-079003B	Lifebuoy Cabinet	SafetyEquipment	SafetyEquipment	N.A.	N.A.	1724001660	Draeger	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
YLB-079003C	Lifebuoy Cabinet	SafetyEquipment	SafetyEquipment	N.A.	N.A.	1724001660	Draeger	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
YLB-079003D	Lifebuoy Cabinet	SafetyEquipment	SafetyEquipment	N.A.	N.A.	1724001660	Draeger	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
YLB-079003E	Lifebuoy Cabinet	SafetyEquipment	SafetyEquipment	N.A.	N.A.	1724001660	Draeger	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
YLB-079003F	Lifebuoy Cabinet	SafetyEquipment	SafetyEquipment	N.A.	N.A.	1724001660	Draeger	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
YLB-079003G	Lifebuoy Cabinet	SafetyEquipment	SafetyEquipment	N.A.	N.A.	1724001660	Draeger	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
YLB-079003H	Lifebuoy Cabinet	SafetyEquipment	SafetyEquipment	N.A.	N.A.	1724001660	Draeger	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
YLB-079003I	Lifebuoy Cabinet	SafetyEquipment	SafetyEquipment	N.A.	N.A.	1724001660	Draeger	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
YLB-079003L	Lifebuoy Cabinet	SafetyEquipment	SafetyEquipment	N.A.	N.A.	1724001660	Draeger	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
YLB-079003M	Lifebuoy Cabinet	SafetyEquipment	SafetyEquipment	N.A.	N.A.	1724001660	Draeger	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
YLB-079003N	Lifebuoy Cabinet	SafetyEquipment	SafetyEquipment	N.A.	N.A.	1724001660	Draeger	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
YLB-079003O	Lifebuoy Cabinet	SafetyEquipment	SafetyEquipment	N.A.	N.A.	1724001660	Draeger	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
YSE-079002	Safety Kit Cabinet	SafetyEquipment	SafetyEquipment	N.A.	N.A.	1724001660	Draeger	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
YXC-070001	Powder Fire Extinguishers Cabinet	SafetyEquipment	SafetyEquipment	N.A.	N.A.	1724001660	Draeger	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
YXC-070002	Powder Fire Extinguishers Cabinet	SafetyEquipment	SafetyEquipment	N.A.	N.A.	1724001660	Draeger	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE
YXC-070003	Powder Fire Extinguishers Cabinet	SafetyEquipment	SafetyEquipment	N.A.	N.A.	1724001660	Draeger	NO MAINTENANCE	NO MAINTENANCE	NO MAINTENANCE

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