Base Load Power Hub (BLPH)

INSTRUMENT AIR PACKAGE
INSTRUMENT LIST
WITH SET POINTS / CONTROL / ALARM / SHUTDOWN

Document Number: 1724000428-IN-LIS-00017

Document Class: 2

Rev.	Date	Description	Prepared	Reviewed	Approved
05	01/04/2025	Accepted for Construction (AFC)	GT	MC	TM
04	16/12/2024	Accepted for Construction (AFC)	GT	MC	TM
03	03/09/2024	Issue for Review (IFR)	GT	MC	TM
02	04/07/2024	Issue for Review (IFR)	GT	MC	TM
01	20/05/2024	Issue for Review (IFR)	GT	MC	TM
00	19/04/2024	Issue for Review (IFR)	GT	MC	TM

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Item	TAG	SERVICE	SIGNAL	RANGE	SET POINT	NOTES
Pressure transmitter	63-PIT-064	Instrument Air Receiver pressure	4-20mA	0 / 16 barg	7 bar	L ALARM
Differential pressure transmitter	63-PDIT-051	Pre-filter pressure drop	4-20mA	0 / 1 bar	0.5 bar	H ALARM
Differential pressure transmitter	63-PDIT-062	Post-filter pressure drop	4-20mA	0 / 1 bar	0.5 bar	H ALARM
Pressure gauge	63-PI-053 63-PI-055 63-PI-057 63-PI-059	Air dryer towers pressure	N/A	0 / 16 barg	N/A	
Pressure gauge	63-PI-063	Instrument Air Receiver pressure	N/A	0 / 16 barg	N/A	
Differential pressure gauge	63-PDI-052 63-PDI-061	Air dryer pressure drop	N/A	0 / 2.5 bar	N/A	
Pressure switch	63-PS-054 63-PS-056 63-PS-058 63-PS-060	Air dryer towers pressure	SPST	0 / 12 barg	5 barg	L ALARM
Temperature transmitter	63-TIT-051	Air dryer inlet temperature	4-20mA	0 / 100°C	40°C	H ALARM
Temperature transmitter	63-TIT-052	Instrument Air Receiver temperature	4-20mA	0 / 100°C	40°C	H ALARM

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Item	TAG	SERVICE	SIGNAL	RANGE	SET POINT	NOTES
Temperature gauge	63-TI-053	Instrument Air Receiver temperature	N/A	0 / 100°C	N/A	
Dew point analyzer	63-AIT-051	Outlet dew point	4-20mA	-100 / +20°C	-40°C	H ALARM
Flow transmitter	63-FIT-051	Outlet flowrate	4-20mA	0 / 500 Sm3/h	N/A	MONITORING
Solenoid Valve	63-XY-051 63-XY-052 63-XY-053 63-XY-054 63-XY-055 63-XY-056 63-XY-057 63-XY-058 63-XY-059 63-XY-060	Pneumatic on-off valves actuation	24 VDC	0 / 9 barg	N/A	N/A
Pneumatic on-off valve	63-XV-051 63-XV-052 63-XV-053 63-XV-054	Dryer towers change-over	N/A	0 / 9 barg	N/A	N/A
Pneumatic on-off valve	63-XV-055 63-XV-056	Pre-filters change-over	N/A	0 / 9 barg	N/A	N/A
Pneumatic on-off valve	63-XV-057 63-XV-058	Air Dryer change-over	N/A	0 / 9 barg	N/A	N/A
Pneumatic on-off valve	63-XV-059 63-XV-060	Post-filters change-over	N/A	0 / 9 barg	N/A	N/A

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Pressure Safety valves	63-PSV-001 63-PSV-002 63-PSV-003 63-PSV-004 63-PSV-005	Overpressure protection	N/A	N/A	12 barg	N/A
Flow orifice	63-FO-001 63-FO-002	Purge flowrate	N/A	N/A	N/A	4 mm bore diameter
Flow transmitter orifice	63-FO-051	Outlet flow	N/A	N/A	N/A	31.2 mm bore diameter

Reference document: P&ID, document no. 1724000428-PR-PID-00019

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