Base Load Power Hub (BLPH)

NITROGEN GENERATION PACKAGE
INSTRUMENT LIST
WITH SET POINTS / CONTROL / ALARM / SHUTDOWN

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Item	TAG	SERVICE	SIGNAL	RANGE	SET POINT	NOTES
Pressure transmitter	64-PT-051	PSA inlet pressure	4-20mA	0 / 16 barg	8 barg	L ALARM
Pressure transmitter	64-PT-052 64-PT-053	PSA tower pressure	4-20mA	0 / 16 barg	8 barg	L ALARM
					10 barg	H ALARM
Pressure transmitter	64-PT-057	PSA after filters outlet pressure	4-20mA	0 / 16 barg	7.5 barg	L ALARM
Pressure transmitter	64-PT-059	N2 receiver pressure	4-20mA	0 / 16 barg	7.5 barg	L ALARM
Differential pressure transmitter	64-PDIT-056	Post-filter pressure drop	4-20mA	0 / 1 bar	0.5 bar	H ALARM
Oxygen analyzer	64-AT-051	Outlet O2 content	4-20mA	0 / 5%	3%	H ALARM
					5%	HH ALARM
Pressure gauge	64-PI-054 64-PI-055	PSA tower pressure	N/A	0 / 16 barg	N/A	
Pressure gauge	64-PI-058	N2 receiver pressure	N/A	0 / 16 barg	N/A	

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Item	TAG	SERVICE	SIGNAL	RANGE	SET POINT	NOTES
Solenoid valve	64-XY-051 64-XY-052 64-XY-053 64-XY-054 64-XY-055 64-XY-056 64-XY-057 64-XY-058 64-XY-059 64-XY-060 64-XY-061	Pneumatic on-off valves actuation	24 VDC	0 / 9 barg	N/A	N/A
Pneumatic on-off valve	64-XV-051 64-XV-052 64-XV-053 64-XV-054 64-XV-055 64-XV-056 64-XV-057	PSA towers change-over and regeneration	N/A	0 / 9 barg	N/A	N/A
Pneumatic on-off valve	64-XV-058	N2 discharge	N/A	0 / 9 barg	N/A	N/A
Pneumatic on-off valve	64-XV-059	N2 discharge	N/A	0 / 9 barg	N/A	N/A
Pneumatic on-off valve	64-XV-060 64-XV-061	Post-filters change-over	N/A	0 / 9 barg	N/A	N/A
Pressure safety valves	64-PSV-001 64-PSV-002	PSA package overpressure protection	N/A	N/A	12 barg	N/A
Pressure safety valves	64-PSV-003 64-PSV-004	N2 Receiver Overpressure protection	N/A	N/A	12 barg	N/A

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