



- NOTES:
1. PRESSURE REGULATOR IS FITTED WITH LOCAL PRESSURE INDICATION FOR OUTLET PRESSURE OF THE REGULATOR. THE SET-POINT FOR THE PRESSURE REGULATOR WILL BE DETERMINED BY THE SELECTED AIR-DRIVEN DIAPHRAGM PUMP.
 2. Y1702C IS A DEW POINT INDICATOR AND TRANSMITTER.
 3. MAIN COMPONENTS OF THE AIR PURIFICATION SYSTEM INCLUDE A PRE-FILTER, DESICCANT DRIER AND AN AFTER-FILTER.
 4. CONDENSATE FROM MOISTURE SEPARATOR Y1701 WILL BE DRAINED DIRECTLY TO DRIP TRAY Y1706 (NO PIPING REQUIRED).
 5. THE SIGNALS FOR PRESSURE READ-OUT AND LOW ALARM FROM PIT1703 WILL BE DISPLAYED AND ALARMED AS PIA1703 ON THE SCADA OF THE PTFE DEMO SYSTEM.

REFERENCED P&IDs & DOCUMENTS

- 1.) ENS-OWPVR-PID-24008 : Basic engineering design : P&ID utilities system
- 2.) ENS-NWPVR-PID-24013 : NW plagas demonstration system subsystem 11
- 3.) ENS-NWPVR-PID-24022 : NW plagas demonstration system subsystem 15
- 4.) ENS-FPD-PID-24013 : P&ID diagram KOH scrubber system 810
- 5.) ENS-FPD-PID-24003 : P&ID diagram KOH scrubber system 831

FUNC.	NAME	DESIGNATION	SIGNATURE	DATE
PRP'D	L.Dlamini	Process Engineer		
REVIEW	B.Khumalo	Senior Process Engineer		
REVIEW	G.Manuel	Chief Engineer Control & Instrumentation		
REVIEW	W.van den Berg	Chief Electrical Engineer		
REVIEW	S.Mngoma	Chief Mechanical Engineer		
APPR'D	K.Moodley	Chief Process Engineer		

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1	First revision	LD	09/12/2024
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PROJECT	NW PLASGAS
TITLE	COMPRESSED AIR SUPPLY TO LAB 150 & LAB 131
DRG.No.	ENS-NWPVR-PID-24014
SHEET	1 OF 1
TEAMCENTRE No.	-



ENS-NWPVR-PID-24014