



NOTES

1. PIG RECEIVER PREFIX IS 46
2. PIG LAUNCHER PREFIX IS 49
3. PROCESS TRAIN EQUIPMENT PREFIX IS 41
4. ALL 5 TRAINS HAVE IDENTICAL SAFE GUARDING
5. INLET STATION ESD VALVE IS PROVIDED WITH START-UP EQUALISING BYPASS. THE BYPASS IS EQUIPPED WITH SMALL ESD VALVE
6. TRAIN 5 IS SPARE
7. EACH SEPARATOR IS SIZED FOR 3 BSCMY
8. REVERSE FLOW INLET LINE FROM ITALIAN GRID
9. REVERSE FLOW OUTLET LINE TO GREECE
10. VALVE CLOSED IN REVERSE FLOW MODE. HAND VALVE EQUIPPED WITH LIMIT SWITCHES. VALVE NEEDED TO SEGREGATE THE FLOW IN REVERSE FLOW MODE WITHOUT INTERFERING WITH THE PIG TRAP INTERLOCK LOGIC. VALVE IS OPEN (AND LOCKED) IN NORMAL POSITION (NORMAL MODE).
11. DOUBLE VALVES TO AVOID/LIMIT IMPACT ON VENTS.
12. REVERSE FLOW LINES TO BE VENTED AND PURGED DURING "NORMAL MODE".
13. 150 KW GAS HEATERS ARE NORMALLY BYPASSED AND USED IN START-UP
14. BDV WITH FAILURE LAST (DEDICATED USE FOR UNDERGROUND SECTION) TO BE EQUIPPED WITH BACKUP UTILITY SUPPLY (E.G LOCAL INSTRUMENTAL AIR BOTTLES). BDV IS NOT COMMANDED BY AUTOMATIC LOGIC, BDV IS COMMANDED BY OPERATOR STATION.

ABBREVIATIONS:

BD	BLOW DOWN	NNF	NORMALLY NO FLOW
BDV	BLOW DOWN VALVE	PCV	PRESSURE CONTROL VALVE
ESD	EMERGENCY SHUTDOWN	PSV	PRESSURE SAFETY VALVE
ESV	EMERGENCY SHUTDOWN VALVE	PT	PRESSURE TRANSMITTER
FO	FLOW ORIFICE	TT	TEMPERATURE TRANSMITTER
FT	FLOW TRANSMITTER	SSV	SAFETY SHUTDOWN VALVE
LCV	LEVEL CONTROL VALVE	TCV	TEMPERATURE CONTROL VALVE
LT	LEVEL TRANSMITTER	UV	UTILITY VALVE

HOLDS

DRAWING NUMBER	DESCRIPTION

REFERENCE DRAWINGS

DRAWING NUMBER	DESCRIPTION

REV.	STATO	DESCRIPTION	DATA	ELABORATO	VERIFICATO	APPROVATO
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1	FUS	SECOND ISSUE	11/03/2019	SCHIRALDI	CAVANDOLI	CAVANDOLI
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REV.	STATO	DESCRIPTION	DATA	ELABORATO	VERIFICATO	APPROVATO
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8	9	10	11	12	13	14
15	16	17				

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