



- NOTES:**
1. LINE TO HAVE NO POCKETS AND FREE DRAINING.
 2. PT-25001 A/B/C 2 OUT OF 3 SHALL BE PROVIDED.
 3. CORROSION COUPON WND ELECTRICAL RESISTANCE PROBE TO BE INTRUSIVE TYPE, MOUNTED AT 12 O'CLOCK, SUITABLE FOR HYDRAULIC RETRIEVAL TOOL.
 4. LINE FROM APL03 VENT LINE TO FLARE HEADER, THE MEDIA IS CONSIDERED AS DRY SWEET GAS. THEREFORE FREE DRAIN AND NO POCKET IS NOT APPLICABLE FOR THIS PARTICULAR SECTION.
 5. THIS RSP IS PROVISION FOR FUTURE INSTALLATION OF THE BUY-BACK GAS FLOW METER.
 6. NON-AUDIBLE ALARM, INTERLOCK LOGIC TO BE PROVIDED NOT TO OPEN ESDV-31503 WHEN PDIT-31503 IS HIGHER THAN 1.0 BAR.
 7. NON-AUDIBLE ALARM, INTERLOCK LOGIC TO BE PROVIDED NOT TO OPEN ESDV-31522 WHEN PDIT-31522 IS HIGHER THAN 1.0 BAR.
 8. LINE SHOULD BE TAKEN FROM TOP.
 9. MANUAL VALVE PROVIDED FOR PLANNED PIPELINE SLOWDOWN, MAXIMUM FLOWRATE IS BASED ON FLARE DESIGN CAPACITY.
 10. CONNECTION FOR MOBILE PIG DURING PRE-COMMISSIONING.
 11. PERMISSIVE TO MANUAL OPEN ESDV-31503 UPON ENABLE LINE PACK GAS LOGIC.
 12. THE DISTANCE OF VALVE IS TO BE MINIMUM 15 METERS FROM PROTECTING ZONE. IF IT NOT FEASIBLE, THE PASSIVE FIRE PROTECTION (PFP) ON VALVE INCLUDING ACTUATOR AND ACTUATING SYSTEM WITH CERTAIN EXTEND OF ASSOCIATED UPSTREAM ABOVE GROUND PIPE SECTION TO ENSURE INTEGRITY/IMPACT TO ADJACENT FIRE ZONE AND NEED SIMULTANEOUS BLOWDOWN SHALL BE PROVIDED.
 13. READABLE FROM PRESSURIZATION LINE. PRESSURIZATION ACTIVITY SHOULD BE STOPPED WHEN TEMPERATURE REDUCED TO MIN DESIGN TEMPERATURE.
 14. THE UPSTREAM AND DOWNSTREAM STRAIGHT PIPE SECTIONS OF THE ULTRASONIC FLOW METER SHALL BE FINALLY DETERMINED BY THE MANUFACTURER.

- HOLDS:**
1. PRELIMINARY, SIZE TO BE FINALIZED.
 2. RO SIZE TO BE CONFIRMED.



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APF PIPING AND INSTRUMENT DIAGRAM
EXPORT PIPELINE

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