

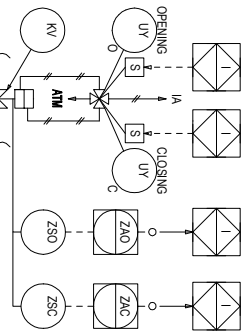
NOTES

- 1- PRESENCE OF LPG POSSIBILITY OF FREEZING VALVES IN CASE OF MISOPERATION MINIMUM DISTANCE BETWEEN TWO VALVES SHALL BE 600mm
- 2- PSV CONNECTED AT HIGH POINT AS CLOSE AS POSSIBLE TO ADSORBERS OUTLET
- 3- LINE DIAMETER TO BE CONFIRMED BY ENGINEERING ACCORDING TO PSV RELIEF LOAD
- 4- DELETED
- 5- PROVIDE ENOUGH SPACE FOR ADSORBENT UNLOADING
- 6- FOR ADSORBER FILLING UP A START-UP
- 7- VALVE EQUIPPED WITH AIR RESERVE
- 8- FIRE RESISTANT VALVE (ALL INSTRUMENTS, BOX, PROTECTION TUBING, CABLES, ETC., WILL BE SELECTED AND CLASSIFIED ACCORDING TO THIS PROTECTION)
- 9- AIR RESERVE TO BE SIZED TO BE ABLE TO COMMAND FOR 3 STROKES VALVE OPERATING DURING AIR INSTRUMENT FAILURE
- 10- VALVE TO BE LOCATED AT HIGH POINT
- 11- MINIMUM DISTANCE FROM C4 MOLECULAR SIEVES ADSORBERS
- 12- REMOVABLE ELBOW
- 13- THESE LINES MUST BE INSULATED INCLUDING ALL VALVES INSULATION
- 14- IF PRESSURE < 48 barg DURING LIQUID FILLING PHASE CLOSE KVO ON ADSORBER'S PSV BY PASS LINE
- 15- LINE LENGTH BETWEEN ADSORBERS AND ELECTRICAL HEATER
- 16- TIGHTNESS TESTS OF ALL KVO VALVES TO BE PERFORMED ON A REGULAR BASIS
- 17- DETAILED ENGINEERING CONTRACTOR SHALL CHECK THAT NOT INSTALLED NO. FUEL GAS FLOW THROUGH RODCES
- 18- TWO PHASES FLOW LINES, NEED FOR REINFORCED ANCHORING
- 19- BLOWDOWN LINE CAN BE SUBJECTED TO HIGH TEMPERATURE
- 20- OPEN DRAIN CONNECTION
- 21- RISING STEM BALL VALVE

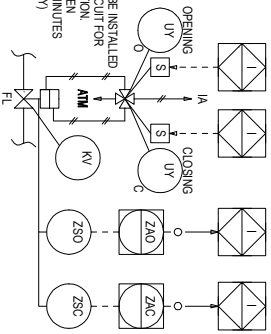
GENERAL NOTES

ALL INSTRUMENT TAGS TO READ:
LETTERS NUMBER
1152 FFFF NNNN
HOLDS
1-DELETED
2-DELETED

DETAIL A (ON/OFF VALVE)



DETAIL B (RAMP OPENING VALVE)



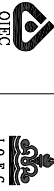
THIS P&ID IS BASED ON DRAWING NO. 114-97D-568 SUPPLIED BY AXENS.

EQUIPMENT LIST

ADSORBER	115-R-201A/B	UTILITY PID NUMBER	PD-1718-186-004-0204	N	PD-1718-186-004-0202
FS18	PD-1718-186-004-0204				
DP	PD-1718-186-004-0205				

SOUTH PARS GAS FIELD DEVELOPMENT PHASES 17&18
ASSALUYEHIRAN
ONSHORE FACILITIES

PROJECT NO: POCG-SH-801-244



UNIT 115: BUTANE TREATMENT AND DRYING
C4 MOLECULAR SIEVES ADSORBER (TRAIN 2)
PIPING AND INSTRUMENT DIAGRAM

DRAWING NO. PID-1718-115-0030-0205

REVISION 4

ITEM	115-R-201 AB
SERVICE	C4 MOLECULAR SIEVES ADSORBERS
IDT-TL	200mm x 1050mm
MODE	ADSORPTION
DESIGN PRESS.	24.0 barg
DESIGN TEMP.	85°C
INSULATION	YES

