



NOTES:

- 1) THE COMMON VENT LINE OF CREEP RELIEF VALVES SHALL BE TERMINATED AT 3 METERS FROM GROUND LEVEL ALONG WITH FLAME ARRESTER.
- 2) SKIM SHUT VALVE (SSV) SHALL BE FAIL TO CLOSE TYPE AND SHALL BE CLOSED IN THE EVENT OF HIGH PRESSURE AT THE DOWN STREAM OF PRESSURE CONTROL VALVE.
- 3) REGULATOR SHALL BE FAIL TO OPEN TYPE.
- 4) AUTOMATIC SWITCH OVER FROM ACTIVE STREAM TO THE HOT STAND BY STREAM SHALL TAKE PLACE IN THE EVENT OF SHUT DOWN OF THE ACTIVE STREAM FOR ANY ABNORMAL REASON.
- 5) COUPLER FLANGE WITH GASKETS + FASTENERS ARE IN SERIAL SCOPE.

LEGENDS :- INSTRUMENT / EQUIPMENT

SSV+PCV	: SKIM SHUT OFF VALVE WITH PRESSURE CONTROL VALVE MONITOR	RPO	: ROTARY POSITIVE DISPLACEMENT METER
PCVM	: PRESSURE CONTROL VALVE ACTIVE	FA	: FLAME ARRESTER
CRV	: CREEP RELIEF VALVE	2-WAY	: 2 - WAY MANIFOLD
VBE	: EQUALIZATION BALL VALVE (FLANGED END)	DPC	: DIFF. PRESSURE GAUGE
VBS	: EQUALIZATION BALL VALVE (SOCKET WELD END)	PG	: PRESSURE GAUGE
CF	: FILTER		
SI	: CONICAL STRAINER		

PROCESS DATA

SERVICE	: NATURAL GAS
FLOW	: 300 SCMH
WORKING PRESSURE	: 10 TO 20 Kg/cm ² g
INLET OF SKID	: 2 TO 5 Kg/cm ² g
DESIGN PRESSURE	: 48/18 Kg/cm ² g
TEMPERATURE	: 10-40°C
DESIGN	: 0-60°C
INLET SIZE	: 2" x 300#
OUTLET SIZE	: 2" x 150#

No.	Date	Description	By	Chk	Issued
1					
2					
3					

CLIENT	: M/s. GODAVARI GAS PVT. LTD.
CONTRACT No.	: ..
FIELD No.	: ..
TITLE	: P&ID FOR NATURAL GAS FILTRATION PRESSURE REGULATION & LIEBERING SKID
Drawn	: 18/11/2018
Checked	: 18/11/2018
Scale	: NTS
Sheet No.	: 1 OF 1
Rev.	: 0

FA-101
1"x150#

CANOPY
(Vendor's SCOPE)

Vendor CLIENT

CLIENT Vendor

INLET
2" x 300#
NOTE-5

OUTLET
2" x 150#
NOTE-5