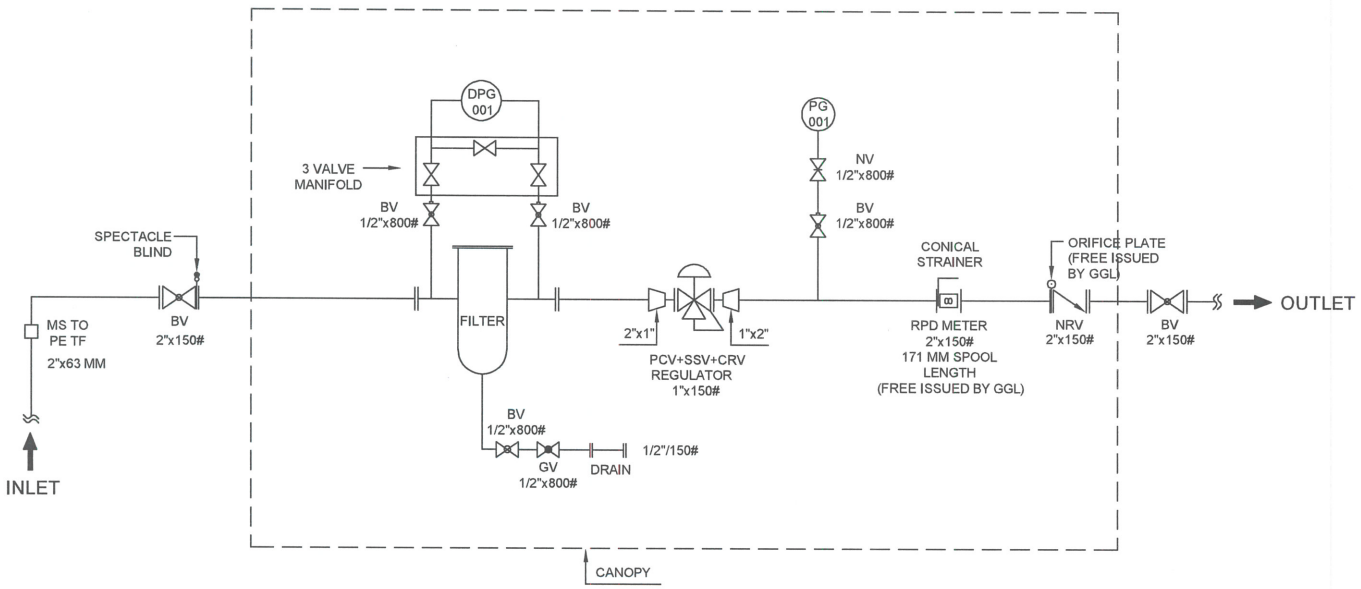


PROCESS DATA

SERVICE	NATURAL GAS
INLET PRESSURE	2 TO 4 Bar g
OUTLET PRESSURE	1 Bar g
WORKING TEMPERATURE	0 to 50 °C
DESIGN TEMPERATURE	0 to 65 °C

LEGEND :-	
	BALL VALVE (BV)
	GLOBE VALVE (GV)
	CHECK VALVE (NRV)
	RPD METER
PG	PRESSURE GAUGE
DPG	DIFFERENTIAL PRESSURE GAUGE
	FILTER
	TRANSITION FITTING
	NEEDLE VALVE (NV)
	REGULATOR
	ORIFICE PLATE
	SPECTALE BLIND

NOTE :-

1. HOT DIP GALVANIZED PIPE, PIPE FITTINGS & FASTENERS INCLUDING WASHERS TO BE USED.
2. TRANSITION FITTING & OUTLET COMPANION FLANGE TO BE WITHOUT G.I COATING.
3. COPPER JUMPER PLATE TO BE PROVIDED AT EACH FLANGE CONNECTION. AS PER TENDER SPECIFICATION.
4. VENT TO BE PROVIDED WITH BRASS FLAPPER AT 45°. ALL VENT SHALL BE ELEVATED AT 3 METER FROM GROUND LEVEL.
5. METER IS FREE ISSUE FROM GGL. SUPPLY OF METER BOLT IS IN VENDOR SCOPE.
6. SIZE OF VALVE & NRV SHALL BE AS PER LINE SIZE MENTIONED IN TABLE GIVEN BELOW.
7. RPD METER & ORIFICE PLATE ARE TO BE CONSIDERED FREE ISSUED MATERIAL BY GGL.

TABLE

DESCRIPTION	DESIGN FLOW SCMH	METER MODEL	REGULATOR	TF SIZE	SPOOL LENGTH FOR METER
100 SCMH (2" x 2")	100@ 2 Barg	SIZE (2")G16	1" x 150#	2" x 63 MM.	171 MM.
		SIZE (2")G25			
		SIZE (2")G40			
		SIZE (2")G65			

NO.	DATE	REVISION	REV.BY.	SIGN.

	PREPARED BY	CHECKED BY	APPROVED BY
SIGN.			
NAME	HZ	SG/MP	US
DATE	28/03/2023	3/4/23	
FOR	GGL	GGL	GGL

GUJARAT GAS LIMITED

GUJARAT GAS — TECHNICAL SERVICES

PROJECT NAME: INDUSTRIAL METERING SKID

STATUS: ISSUED FOR TENDER

TITLE: TYPICAL P&ID FOR IMS AT 1 BAR

SCALE	SHEET	DRAWING NO.	REV.
NTS	1 OF 1	GGL-TS/TYPICAL_P&ID/IMS/1_BAR	00

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