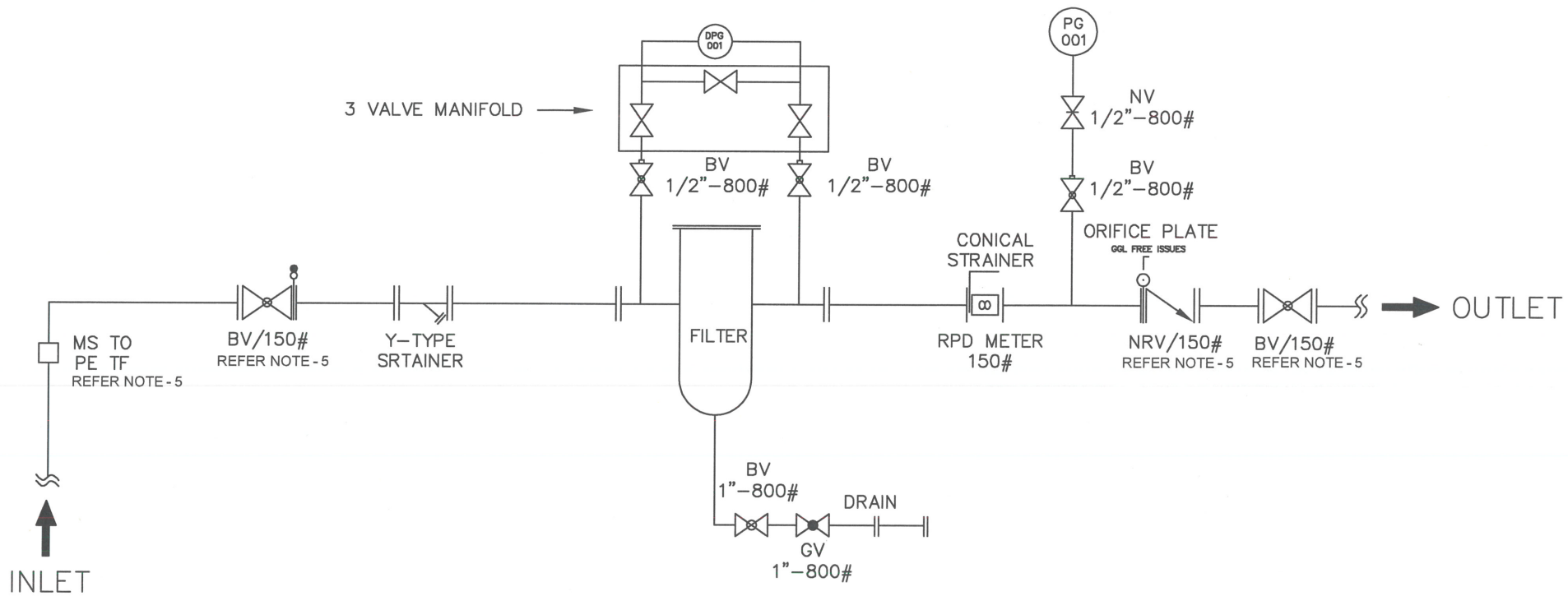


PROCESS DATA

SERVICE	NATURAL GAS
FLOW CAPACITY	250 / 500 / 750 / 1500 / 2000 SCMH
INLET PRESSURE	1 TO 5.5 Bar g
OUTLET PRESSURE	1 TO 5.5 Bar g
DESIGN PRESSURE	19 Bar g
WORKING TEMPERATURE	0 to 50℃
DESIGN TEMPERATURE	0 to 65℃

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. METER IS FREE ISSUE FROM GGL. SUPPLY OF METER BOLT IS IN VENDOR SCOPE.
5. SIZE OF VALVE & NRV SHALL BE AS PER LINE SIZE MENTIONED IN TABLE GIVEN BELOW.

TABLE

DESCRIPTION	DESIGN FLOW SCMH	METER MODEL	TF SIZE	SPOOL LENGTH FOR METER
250 SCMH (2" X 2")	250@1 Barg	G16	2" X 63 MM.	171 MM.
		G25		
		G40		
		G65		
500 SCMH (3" X 3")	500@1 Barg	G100	3" X 90 MM.	171 MM.
		G160	3" X 90 MM.	241 MM.
750 SCMH (3" X 3")	750@1 Barg	G250 (METER INLET IS 4")		
1500 SCMH (4" X 4")	1500@1 Barg	G400	4" X 125 MM.	241 MM.
2000 SCMH (6" X 6")	2000@1 Barg	G650	4" X 125MM.	450 / 260 MM.

NO.	DATE	REVISION	REV.BY.	SIGN.

	PREPARED BY	CHECKED BY	APPROVED BY
SIGN.			
NAME	HZ	SG/MP	US
DATE	18/03/2023	18.03.2023	20.03.23
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

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

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