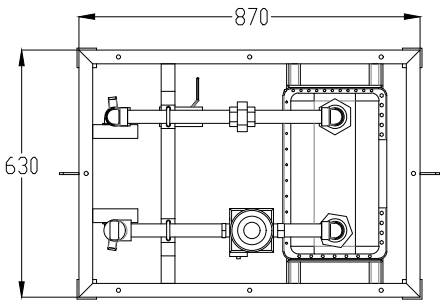
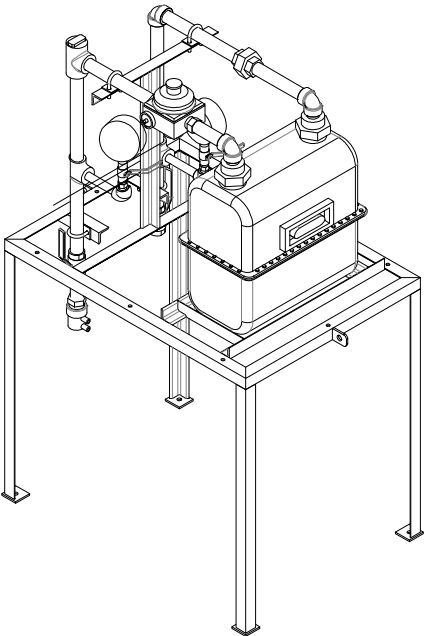


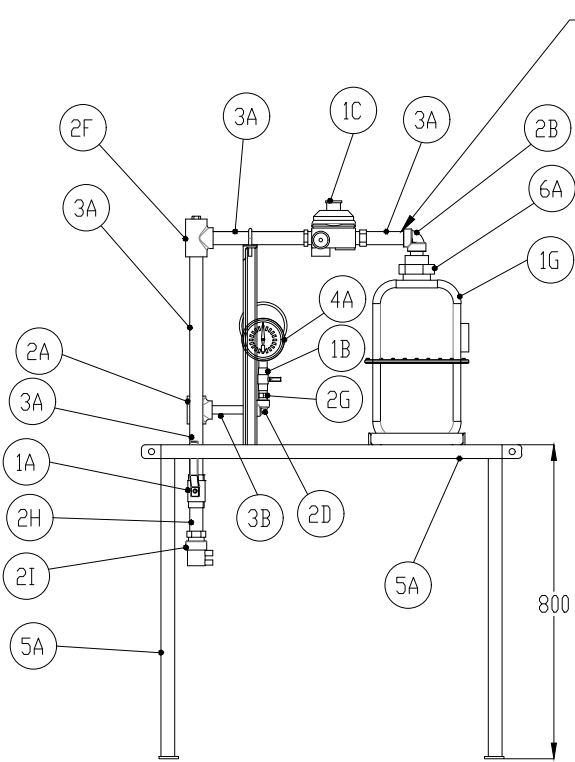
TYPICAL GAD FOR G-25 DIAPHRAGM METER, 110 MBAR



TOP VIEW

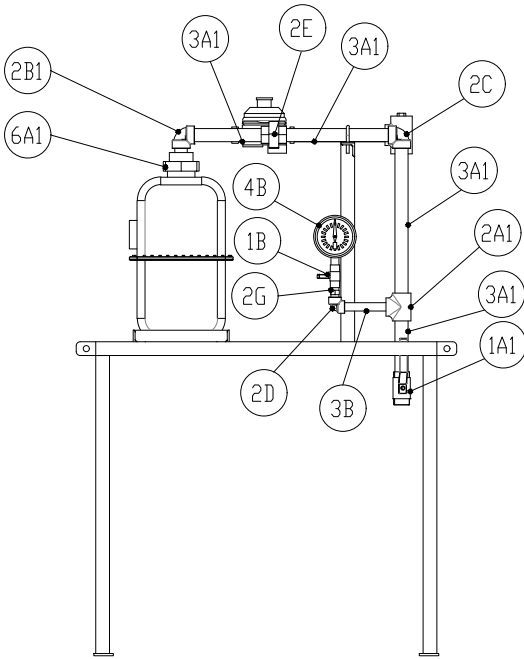


ISOMETRIC VIEW

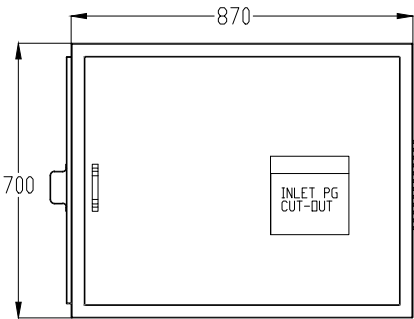


ELEVATION RHS VIEW

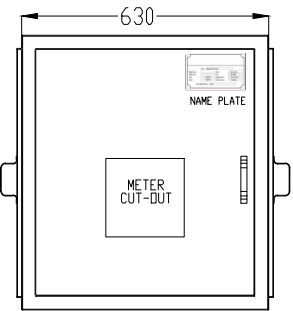
TO MATCH WITH GGL FREE ISSUED
REGULATOR & METER SIZE.



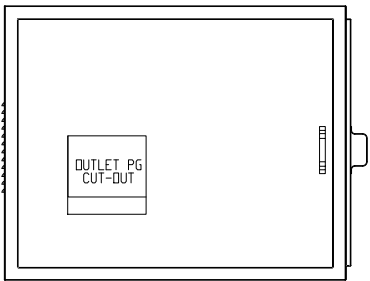
ELEVATION LHS VIEW



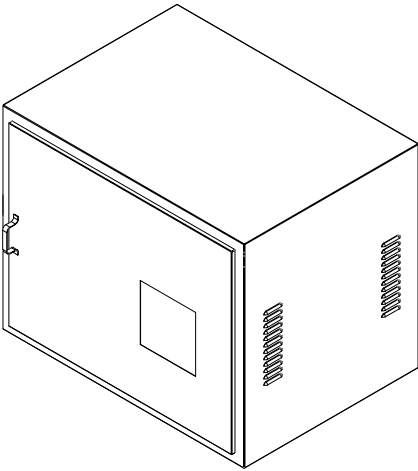
ELEVATION RHS VIEW



ELEVATION



ELEVATION LHS VIEW




ISOMETRIC VIEW

BILL OF MATERIAL						
ID NO.	ITEM NAME	SIZE	CLASS/SCH EDUALE	QTY.	UNIT	DESCRIPTION
VALVES						
1A1	BALL VALVE	1.1/2" BSPT(F)	-	2	NOS.	FORGED BRASS
1A	BALL VALVE	1" BSPT(F)	-	2	NOS.	FORGED BRASS
1B	BALL VALVE	1/2" BSPT(F)	-	2	NOS.	FORGED BRASS
1C	PRV-50 SCMH	DIMENSIONS AS PER GGL FREE	-	1	NOS.	GGL FREE ISSUED
1D	DIAPHRAGM METER G-25	ISSUED REGULATOR	-	1	NOS.	GGL FREE ISSUED
PIPE FITTINGS						
2A	UNEQUAL TEE	1"SW X 1/2"SW X 1"SW	3000#	1	NOS.	ASTM A105, ASME B16.11
2A1	UNEQUAL TEE	1.1/2"SW X 1/2"SW X 1.1/2"SW	3000#	1	NOS.	ASTM A105, ASME B16.11
2B	ELBOW	1"SW X 1" BSPT(F)	3000#	2	NOS.	ASTM A105, ASME B16.11
2B1	ELBOW	1.1/2"SW X 1 1/2" BSPT(F)	3000#	2	NOS.	ASTM A105, ASME B16.11
2C	ELBOW	1 1/2"SW	3000#	1	NOS.	ASTM A105, ASME B16.11
2D	ELBOW	1/2"SW X 1/2"BSPT(F)	3000#	2	NOS.	ASTM A105, ASME B16.11
2E	UNION	1 1/2"SW X 1 1/2"SW	3000#	1	NOS.	ASTM A105, ASME B16.11
2F	STRAINER	1"SW X 1"SW	-	1	NOS.	ASTM A105, INNER FILTER SS304
2G	HEX NIPPLE	1"SW X 1"SW	-	2	NOS.	G. I.
2H	BARREL NIPPLE	1" BSPT(TBE)	-	1	NOS.	G. I.
2I	TRANSITION FITTING	1" THREADED(F) X 32 MM.	-	1	NOS.	AS PER GGL DATA SHEET
PIPES						
3A1	PIPE	1 1/2" (PE / NPT / BSPT)	40	2*	MTR.	A106 GR. B
3A	PIPE	1" (PE / NPT / BSPT)	40	2*	MTR.	A106 GR. B
3B	PIPE	1/2" (PE I NPT / BSPT)	40	0.2*	MTR.	A106 GR. B
GAUGES						
4A	PRESSURE GAUGE	0 - 10 BAR	-	1	NOS.	4" DIAL, 1/2" NPT, SS316
4B	PRESSURE GAUGE	0- 250 MBAR	-	1	NOS.	4" DIAL, 1/2" NPT, SS316
STRUCTURAL MATERIAL						
5A	ISA	40 X 40 X 5	-	1	LOT	IS 2062
OTHER						
6A	METER ADAPTOR	2 1/2" X 1" (F X M) 2	-	1	NOS.	BRASS
6A1	METER ADAPTOR	2 1/2" X 1 1/2" (F X M) 2	-	1	NOS.	BRASS
6B	CANOPY	-	-	1	NOS.	FRP (5. 5 MM)
6C	SKID NAME PLATE	125 X 75 MM.	-	1	NOS.	SS 304
6D	U-BOLT	FOR 1" PIPE	-	4	NOS.	G. I. WITH PVC COATING - 8 MM.
6E	INSULATION PAD	5 MM. THK.	-	1	LOT	HDPE SHEAT
NOTE:- * Pipe Qty. is indicative						

NOTE :-

- 1) THIS IS A TYPICAL GAD AND GAD SHALL BE PREPARED BY VENDOR INLINE WITH THE TYPICAL GAD. APPROVAL ON GAD SHALL BE TAKEN FROM GGL.
- 2) BOM GIVEN HERE IS INDICATIVE AND SAME SHALL BE PREPARED BY THE VENDOR AND SUBMITTED TO GGL FOR APPROVAL.
- 3) MOC SHALL BE AS PER THE PMS.
- 4) FREE ISSUE MATERIAL SHALL BE AS PER GGL TECHNICAL SPECIFICATION.
- 5) DIMENSIONS OF THE REGULATOR & METER SHALL BE AS PER THE MATERIAL SUPPLIED BY GGL. VENDOR TO INCORPORATE THE FREE ISSUE MATERIAL DIMENSIONS IN GAD AND SUBMIT THE GAD FOR APPROVAL BY GGL.
- 6) ALL MAIN LINE VALVES SHALL BE THREADED.
- 7) HANDLE OF VALVE SHALL NOT TOUCH THE CANOPY OR ANY OTHER EQUIPMENT.

	PREPARED BY	CHECKED BY	APPROVED BY
SIGN.			
NAME			
DATE			
FOR	GGL	GGL	GGL
 GUJARAT GAS LIMITED TECHNICAL SERVICES			
PROJECT NAME: IMS, G-25 DIAPHRAGM METER, 110 MBAR			
STATUS:			
TITLE: GAD FOR G-25 DIAPHRAGM METER, 110 MBAR			
SCALE	SHEET	DRAWING NO.	REV.
NTS	1 OF 1	GGL/IMS/GAD/G25-110MBAR-001	0