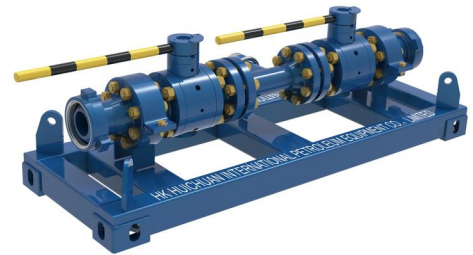


Gas Diverter Manifold

Gas diverter manifold is an assembly of two ball valves and connecting pipes mounted on the skid, which are used to divert gas coming from the test separator to the flare stack or burner boom. Gas diverter manifolds are connected to the gas and burner pipelines through hammer union. Valves of the manifold are usually manually operated. Gas diverter manifold is also called gas diverter hook-up. Gas diverter hook-up is widely used during well testing, as well as other applications of oil and gas production. HC Petroleum Equipment provides quality manifolds with compliance to the international and operator's location standard requirements. Skid of the manifold can be designed for offshore well test operation complying DNV standard.

No.	NAME	QTY
1	Tees, 3"	1
2	Hammer Union, 3" Fig.602(F)	1
3	WN Flange, 3"-600 LB	2
4	Ball valve, 3"-600 LB	2
5	Flange Union, 3" Fig.602(M)	2
6	Stud, 3/2" x 130	32
7	Nut, 3/2"	64

Standard compliance		HK HUICHUAN INTERNATIONAL PETROLEUM EQUIPMENT CO., LTD.	
Design/Manufacture	ASME B31.3	Product	Gas Diverter Manifold
Design pressure	1440 psi	Size	3" Class: 600 LB
Design temperature	-20°C ~ 121°C	End Connection	3" Hammer Union Fig.602
MOC	Carbon steel	Weight	194 kg
Special	Sour service	General Assembly Drawing Scale: 1:1	
Rev. 0 10/08/2018 ZJB		DWG No.: GDMBO-600-001	
Rev.	Date	Designed	Checked
		Approved	



Application

- Well testing
- Oil and Gas Production
- Flow control between process equipment

Design Code & Standards

- API 6D
- ASME
- NACE MR0175
- PED
- CE
- DNV 2.7-1

Technical Parameters

Design Pressure			Size		Dimensions L X W X H		Configuration
psi	bar	MPa	inch	mm	inch	m	
1310	90	9.0	3	80	57.6 x 19.2 x 26.4	1.5 x 0.5 x 0.7	2-Valve oil manifold
1360	94	9.4	3	80	57.6 x 19.2 x 26.4	1.5 x 0.5 x 0.7	2-Valve oil manifold
1440	99	9.9	3	80	57.6 x 19.2 x 26.4	1.5 x 0.5 x 0.7	2-Valve oil manifold
1310	90	9.0	3	80	85.2 x 39.6 x 26.4	2.15 x 1.0 x 0.7	5-Valve oil manifold
1360	94	9.4	3	80	85.2 x 39.6 x 26.4	2.15 x 1.0 x 0.7	5-Valve oil manifold
1440	99	9.9	3	80	85.2 x 39.6 x 26.4	2.15 x 1.0 x 0.7	5-Valve oil manifold
1310	90	9.0	4	100	68.4 x 19.2 x 26.4	1.7 x 0.5 x 0.7	2-Valve gas manifold
1360	94	9.4	4	100	68.4 x 19.2 x 26.4	1.7 x 0.5 x 0.7	2-Valve gas manifold
1440	99	9.9	4	100	68.4 x 19.2 x 26.4	1.7 x 0.5 x 0.7	2-Valve gas manifold
1332	92	9.2	6	150	92.4 x 30 x 33.6	2.3 x 0.7 x 0.84	2-Valve gas manifold
1440	99	9.9	6	150	92.4 x 30 x 33.6	2.3 x 0.7 x 0.84	2-Valve gas manifold
250	17.2	1.72	4	100	49.1 x 19.2 x 33.6	1.3 x 0.5 x 0.84	2-Valve vent manifold
245	17	1.7	4	100	61.2 x 19.2 x 26.4	1.6 x 0.5 x 0.7	2-Valve vent manifold