

HC - Half Coupling
RT - Reducing Tee
ET - Equal Tee
P - Branch Connection with Reinforcing Pad to B31.3



PIPING SPECIFICATION FOR GLOBE VALVE

Document #	061-001-159-PSN-1401
Date	11/23/2021
Prepared by	WA
Checked by	MAR
Approved by	MNS
Sheet #	2 OF 5

Project: Development of LPG Testing Laboratory at Taftan

Client Balochistan Energy Company Limited

VALVE	RATING (lb)	ENDS	STYLE	OPERATOR	DESIGN & TEST	MATERIAL	
						BODY	TRIM
VGL-101	800	SOCKET WELD	OS&Y, BOLTED BONNET & GLAND, RENEWABLE SEATS	HANDWHEEL	API 602	A-105	316 S.S.
VGL-102	150	RF (ANSI B16.5)	OS&Y, BOLTED BONNET & GLAND, RENEWABLE SEATS	HANDWHEEL	API 600	A-216 GR. WCB	316 S.S.

NOTES

1. ALL VALVES ARE WITH STEM PROTECTOR



PIPING SPECIFICATION FOR GATE VALVE

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Sheet #	3 OF 5

Project: Development of LPG Testing Laboratory at Taftan

Client: Balochistan Energy Company Limited

VALVE	RATING (lb)	ENDS	STYLE	OPERATOR	DESIGN & TEST	MATERIAL	
						BODY	TRIM
VG-101	800	SOCKET WELD	OS&Y, BOLTED BONNET & GLAND, SOLID WEDGE & RENEWABLE SEATS	HANDWHEEL	API 602	A-105	316 S.S.
VG-102	150	RF (ANSI B16.5)	OS&Y, BOLTED BONNET & GLAND, SOLID WEDGE & RENEWABLE SEATS	HANDWHEEL	API 600	A-216 GR. WCB	316 S.S.

NOTES

1. ALL VALVES ARE WITH STEM PROTECTOR



PIPING SPECIFICATION FOR CHECK VALVE

Document #	061-001-159-PSN-1401
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Date	11/23/2021
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Prepared by	WA
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Checked by	MAR
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Project: Development of LPG Testing Laboratory at Taftan

Client	Balochistan Energy Company Limited
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VALVE	RATING (lb)	ENDS	STYLE	DESIGN & TEST	MATERIAL	
					BODY	DISC/PISTON
VC-101	800	SOCKET WELD	BOLTED BONNET,SWING TYPE RENEWABLE SEATS	MSS SP-84	A-105	316 S.S.
VC-102	150	RF (ANSI B16.5)	BOLTED BONNET,SWING TYPE RENEWABLE SEATS	ANSI B 16.34	A-216 GR. WCB	316 S.S.



PIPING SPECIFICATION FOR BALL VALVE

Document #	061-001-159-PSN-1401
Date	11/23/2021
Prepared by	WA
Checked by	MAR
Approved by	MNS
Sheet #	5 OF 5

Project	Development of LPG Testing Laboratory at Taftan
Client	Balochistan Energy Company Limited

VALVE	RATING (lb)	ENDS	STYLE	OPERATOR	DESIGN & TEST	MATERIAL			
						BODY	DISC	SEAT	BALL
VB-101	800	THREADED	BOLTED BODY, REPLACEABLE SEATS, REGULAR PORT	LEVER	ANSI B16.34/ API 598	A-105	316 S.S.	CARBON FILLED PTFE	316 S.S.
VB-102	150	RF (ANSI B16.5)	BOLTED BODY, REPLACEABLE SEATS, REG. PORT, TRINNION MOUNTED BALL	LEVER	ANSI B16.34/ API 598	A-216 GR. WCB	316 S.S.	CARBON FILLED PTFE	316 S.S.