



MSI LT Plug Valve Operation Torques

MSI Technical Bulletin 009

Subject: Operating torques for MSI LT (low torque) style quarter turn plug valves.

VALVE SIZE	FLUID SERVICE	WORKING PRESSURE (psig)	TORQUE (ft-lb _t)
0.38	STD	15000	106
1	STD	5000	75
1	H2S	5000	88
1	STD	10000	200
1	H2S	10000	169
1	STD	15000	225
1	H2S	15000	175
1.3	H2S	5000	306
1.3	H2S	10000	463
1.3	H2S	15000	500
1.75	STD	5000	375
1.75	STD	10000	500
1.75	STD	15000	563
2	STD	5000	375
2	H2S	5000	431
2	STD	10000	500
2	H2S	10000	656
2	STD	15000	563
2	H2S	15000	713
2.5	STD	5000	656
2.5	H2S	5000	800
2.5	STD	10000	900
2.5	H2S	10000	1156
2.5	STD	15000	1313
2.5	H2S	15000	1688
3	STD	5000	1156
3	H2S	5000	1363
3	STD	10000	1531
3	H2S	10000	1906
3	STD	15000	2156
3	H2S	15000	2375
4	STD	5000	1088
4	STD	10000	2175
4	STD	15000	3750
5	STD	5000	4250
5	STD	10000	5813
5	STD	15000	9375

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