

PROCESS AND UTILITY FIELD / SHOP PRESSURE TESTING

17.3 Appendix 3: Schedule Of Maximum Allowable Hydrostatic Test Pressure (Barg) For The Listed Test Blind Thickness

Blank Thickness (mm)	Pipe Size (NPS)																	
	2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	30"	36"	42"	48"	54"	60"
6	119.5	55.2	33.4	15.5	9.02	5.88	4.12	3.43	2.55	2.06	1.67	1.18	0.78	0.49	0.39	0.29	0.2	
8	217.2	100.4	60.7	28.0	16.6	10.69	7.55	6.27	4.71	3.73	3.04	2.06	1.37	0.88	0.69	0.49	0.39	
10	344.0	159.1	96.1	44.4	26.2	16.87	11.96	9.81	7.55	5.98	4.81	3.33	2.16	1.47	1.08	0.78	0.69	
12	499.7	231.0	139.7	64.5	38.0	24.4	17.36	14.32	11.08	8.63	7.06	4.81	3.04	2.16	1.57	1.18	0.98	
14		316.5	191.4	88.5	52.2	33.4	23.73	19.71	15.00	11.96	9.61	6.67	4.22	2.44	2.16	1.67	1.27	
16		415.2	251.1	116.0	68.5	43.9	31.28	25.99	19.81	15.69	12.65	8.73	5.69	3.82	2.84	2.16	1.67	
20		653.0	395	182.4	107.7	69.1	49.13	40.8	31.28	24.6	19.91	13.83	8.83	6.18	4.41	3.43	2.63	
25			620.5	286.6	169.1	108.7	77.28	64.04	49.03	38.74	31.38	21.77	13.93	9.61	7.06	5.49	4.22	
30				414.2	244.28	157	111.7	92.57	70.8	56.0	45.31	31.5	20.1	13.93	10.3	7.85	6.18	
35				565.2	333.3	214.37	152.4	126.31	96.79	76.5	61.88	42.95	27.46	19.02	13.93	10.79	8.43	
40					436.2	280.5	199.37	165.34	126.51	99.93	80.9	56.29	36	24.91	18.34	14.02	11.08	
45						355.5	252.62	209.57	160.44	126.8	102.63	71.29	45.5	31.68	23.2	17.75	14.02	
50						439.3	312.24	259.09	198.3	156.6	126.9	88.16	56.34	39.13	28.73	21.97	17.36	
55							378.24	313.62	240.16	189.76	153.7	106.79	68.25	47.37	34.81	26.67	21.08	
60							450.42	373.63	286.06	226.04	183.1	127.2	81.4	56.49	41.43	31.77	25.01	
65								438.75	335.98	265.47	214.96	149.26	95.52	66.39	48.74	37.27	29.42	
70									389.81	308.03	249.5	173.3	110.82	76.98	56.58	43.25	34.13	
75									447.77	353.73	286.55	198.98	127.39	88.46	64.92	49.72	39.23	