

5.2 CAPACITIES OF CYLINDRICAL TANKS

Inside Diameter Inches	Gallons per Inch Depth
12	0.49
13	0.57
14	0.67
15	0.76
16	0.87
17	0.98
18	1.10
19	1.23
20	1.36
21	1.50
22	1.65
23	1.80
24	1.96
25	2.12
26	2.30
27	2.48
28	2.67
29	2.86
30	3.06
31	3.27
32	3.48
33	3.70
34	3.93
35	4.16
36	4.41
37	4.65
38	4.91
39	5.17
40	5.44
41	5.72
42	6.00
43	6.29
44	6.58
45	6.88
46	7.19
47	7.51
48	7.83
49	8.16
50	8.50
51	8.84
52	9.19
53	9.55
54	9.91
55	10.28
56	10.66
57	11.05
58	11.44
59	11.84
60	12.24

Inside Diameter <i>Feet</i>	Gallons per Inch Depth
5	12.24
6	17.63
7	23.99
8	31.33
9	39.66
10	48.96
11	59.24
12	70.50
13	82.74
14	95.96
15	110.16
16	125.34
17	141.49
18	158.63
19	176.75
20	195.84
21	215.91
22	236.97
23	259.00
24	282.01
25	306.00
26	330.97
27	356.92
28	383.85
29	411.75
30	440.64
31	470.50
32	501.35
33	533.17
34	565.98
35	599.76
36	634.52
37	670.26
38	706.98
39	744.68
40	783.36
41	823.02
42	863.65
43	905.27
44	947.86
45	991.44
46	1035.99
47	1081.52
48	1128.04
49	1175.53
50	1224.00

5.2 CAPACITIES OF CYLINDRICAL TANKS

185

STATISTICS, CALCULATIONS

TABLE 4

Volume of Cylindrical Tanks in Gallons per Foot of Depth in a Vertical Position

Diameter in Feet Inches		U. S. Gallons	Diameter in Feet Inches		U. S. Gallons	Diameter in Feet Inches		U. S. Gallons
1	0	5.875	3	6	71.97	6	0	211.5
1	1	6.895	3	7	75.44	6	3	220.5
1	2	7.997	3	8	78.99	6	6	248.2
1	3	9.180	3	9	82.62	6	9	267.7
1	4	10.44	3	10	86.33	7	0	287.9
1	5	11.79	3	11	90.13	7	3	308.8
1	6	13.22	4	0	94.00	7	6	330.5
1	7	14.73	4	1	97.96	7	9	352.9
1	8	16.32	4	2	102.0	8	0	376.0
1	9	17.99	4	3	106.1	8	3	399.9
1	10	19.75	4	4	110.3	8	6	424.5
1	11	21.58	4	5	114.6	8	9	449.8
2	0	23.50	4	6	119.0	9	0	475.9
2	1	25.50	4	7	123.4	9	3	502.7
2	2	27.58	4	8	127.9	9	6	530.2
2	3	29.74	4	9	132.6	9	9	558.5
2	4	31.99	4	10	137.3	10	0	587.5
2	5	34.31	4	11	142.0	10	3	617.3
2	6	36.72	5	0	146.9	10	6	647.7
2	7	39.21	5	1	151.8	10	9	679.0
2	8	41.78	5	2	156.8	11	0	710.9
2	9	44.43	5	3	161.9	11	3	743.6
2	10	47.16	5	4	167.1	11	6	777.0
2	11	49.98	5	5	172.4	11	9	811.1
3	0	52.88	5	6	177.7	12	0	846.0
3	1	55.86	5	7	183.2	12	3	881.6
3	2	58.92	5	8	188.7	12	6	918.0
3	3	62.06	5	9	194.2	12	9	955.1
3	4	65.28	5	10	199.9			
3	5	68.58	5	11	205.7			