

SERIAL NO. M2191-M2195

CYLINDRICAL TANK - THEORETICAL IMAGE CALIBRATION

DIAMETER = 56.69 in.
G.P.I. = 10.93 in.
HEAD GAL = 77.35 gal.

LENGTH = 462.0 in.
CAPACITY = 5202 gal.

INCH	0	1/4	1/2	3/4	INCH	0	1/4	1/2	3/4
0	0	7	7	14	28	2562	2591	2620	2649
1	21	28	38	48	29	2679	2708	2737	2766
2	58	69	81	93	30	2795	2825	2854	2883
3	106	119	133	148	31	2912	2941	2970	2999
4	162	177	193	209	32	3028	3057	3086	3115
5	225	242	259	277	33	3144	3172	3201	3230
6	285	313	331	350	34	3259	3287	3316	3344
7	369	388	408	428	35	3373	3401	3429	3458
8	448	469	489	510	36	3486	3514	3542	3570
9	532	553	575	597	37	3598	3625	3653	3681
10	619	641	664	687	38	3708	3736	3763	3790
11	710	733	756	780	39	3817	3844	3871	3898
12	804	828	852	876	40	3925	3951	3978	4004
13	901	925	950	975	41	4030	4056	4082	4108
14	1000	1025	1051	1076	42	4134	4159	4185	4210
15	1102	1128	1154	1180	43	4235	4260	4285	4309
16	1206	1233	1259	1286	44	4334	4358	4382	4406
17	1312	1339	1366	1393	45	4430	4453	4477	4500
18	1420	1448	1475	1503	46	4523	4546	4568	4590
19	1530	1558	1585	1613	47	4613	4634	4656	4677
20	1641	1669	1697	1725	48	4699	4720	4740	4761
21	1753	1782	1810	1838	49	4781	4801	4820	4840
22	1867	1895	1924	1952	50	4859	4877	4896	4914
23	1981	2010	2039	2067	51	4931	4949	4966	4983
24	2096	2125	2154	2183	52	4999	5015	5030	5045
25	2212	2241	2270	2299	53	5060	5074	5088	5101
26	2328	2357	2387	2416	54	5114	5126	5137	5148
27	2445	2474	2503	2533	55	5159	5168	5177	5185

* THEORETICAL CALIBRATION IS NOT INTENDED FOR LEGAL MEASUREMENT OF PRODUCT VOLUMES!

635308

635309

635310

635311

635212

635213

635214

THEORETICAL INNAGE CALIBRATION
STANDARD UNITS

Tank Inside Dia. = 56.25 in. Shell Length = 462.0 in.
Head Volume = 75.84 gal.
Capacity = 5122 gal.

INCH	- 0 -	1/4	1/2	3/4	INCH	- 0 -	1/4	1/2	3/4
0	0	3	7	13	29	2662	2691	2720	2749
1	21	29	38	47	30	2778	2807	2836	2865
2	58	69	80	93	31	2894	2922	2951	2980
3	105	119	132	147	32	3009	3037	3066	3095
4	161	175	192	208	33	3123	3152	3180	3209
5	224	241	258	275	34	3237	3265	3294	3322
6	293	311	329	348	35	3350	3378	3406	3434
7	367	386	406	426	36	3462	3490	3517	3545
8	446	466	487	508	37	3572	3600	3627	3655
9	529	550	572	594	38	3682	3709	3736	3763
10	616	638	661	683	39	3789	3816	3843	3869
11	706	729	753	776	40	3896	3922	3948	3974
12	800	823	847	872	41	4000	4025	4051	4076
13	896	921	945	970	42	4102	4127	4152	4177
14	995	1020	1045	1071	43	4201	4226	4250	4274
15	1096	1122	1148	1174	44	4298	4322	4346	4369
16	1200	1226	1253	1279	45	4393	4416	4439	4461
17	1306	1332	1359	1386	46	4484	4506	4528	4550
18	1413	1440	1467	1494	47	4571	4593	4614	4635
19	1522	1549	1577	1604	48	4655	4676	4695	4716
20	1632	1660	1688	1716	49	4735	4755	4774	4792
21	1744	1772	1800	1828	50	4811	4829	4846	4864
22	1856	1885	1913	1942	51	4881	4898	4914	4930
23	1970	1999	2027	2056	52	4945	4960	4975	4989
24	2084	2113	2142	2171	53	5003	5016	5029	5041
25	2199	2228	2257	2286	54	5053	5064	5075	5084
26	2315	2344	2373	2402	55	5093	5101	5108	5115
27	2430	2459	2488	2517	56	5119	5122		
28	2546	2575	2604	2633					

* THEORETICAL CALIBRATION IS NOT INTENDED FOR LEGAL MEASUREMENT
OF PRODUCT VOLUMES!

635215

THEORETICAL INNAGE CALIBRATION
STANDARD UNITS

Tank Inside Dia. = 56.25 in. Shell Length = 462.0 in.
Head Volume = 75.84 gal.
Capacity = 5122 gal.

INCH	- 0 -	1/4	1/2	3/4	INCH	- 0 -	1/4	1/2	3/4
0	0	3	7	13	29	2662	2691	2720	2749
1	21	29	38	47	30	2778	2807	2836	2865
2	58	69	80	93	31	2894	2922	2951	2980
3	105	119	132	147	32	3009	3037	3066	3095
4	161	175	192	208	33	3123	3152	3180	3209
5	224	241	258	275	34	3237	3265	3294	3322
6	293	311	329	348	35	3350	3378	3406	3434
7	367	386	406	426	36	3462	3490	3517	3545
8	446	466	487	508	37	3572	3600	3627	3655
9	529	550	572	594	38	3682	3709	3736	3763
10	616	638	661	683	39	3789	3816	3843	3869
11	706	729	753	776	40	3896	3922	3948	3974
12	800	823	847	872	41	4000	4025	4051	4076
13	896	921	945	970	42	4102	4127	4152	4177
14	995	1020	1045	1071	43	4201	4226	4250	4274
15	1096	1122	1148	1174	44	4298	4322	4346	4369
16	1200	1226	1253	1279	45	4393	4416	4439	4461
17	1306	1332	1359	1386	46	4484	4506	4528	4550
18	1413	1440	1467	1494	47	4571	4593	4614	4635
19	1522	1549	1577	1604	48	4655	4676	4695	4716
20	1632	1660	1688	1716	49	4735	4755	4774	4792
21	1744	1772	1800	1828	50	4811	4829	4846	4864
22	1856	1885	1913	1942	51	4881	4898	4914	4930
23	1970	1999	2027	2056	52	4945	4960	4975	4989
24	2084	2113	2142	2171	53	5003	5016	5029	5041
25	2199	2228	2257	2286	54	5053	5064	5075	5084
26	2315	2344	2373	2402	55	5093	5101	5108	5115
27	2430	2459	2488	2517	56	5119	5122		
28	2546	2575	2604	2633					

* THEORETICAL CALIBRATION IS NOT INTENDED FOR LEGAL MEASUREMENT
OF PRODUCT VOLUMES!

635215

SERIAL NO. #5759

635-301
635-302

CYLINDRICAL TANK - THEORETICAL INAGE CALIBRATION

DIAMETER = 55.75 in.
G.P.I. = 10.57 in.
HEAD GAL. = 74.12 gal.

LENGTH = 462.0 in.
CAPACITY = 5030 gal.

1/4	1/2	3/4	INCH	- 0 -	1/4	1/2	3/4
3	7	13	28	2529	2558	2587	2615
29	38	47	29	2644	2673	2702	2730
69	80	92	30	2759	2787	2816	2845
118	132	146	31	2873	2902	2930	2959
176	191	207	32	2987	3015	3044	3072
240	257	274	33	3100	3129	3157	3185
310	328	347	34	3213	3241	3269	3297
385	404	424	35	3324	3352	3380	3407
464	485	505	36	3435	3462	3490	3517
548	569	591	37	3544	3571	3598	3625
635	657	680	38	3652	3679	3705	3732
725	749	772	39	3758	3784	3811	3837
819	843	867	40	3863	3888	3914	3940
916	940	965	41	3965	3990	4015	4040
1015	1040	1065	42	4065	4090	4114	4139
1116	1142	1167	43	4163	4187	4211	4235
1219	1246	1272	44	4258	4281	4305	4327
1325	1351	1378	45	4350	4373	4395	4417
1432	1459	1486	46	4439	4461	4482	4504
1540	1568	1595	47	4525	4545	4566	4586
1650	1678	1706	48	4606	4626	4645	4665
1761	1789	1817	49	4683	4702	4720	4738
1873	1901	1930	50	4756	4773	4790	4807
1986	2015	2043	51	4823	4839	4854	4869
2100	2128	2157	52	4884	4898	4912	4925
2214	2243	2271	53	4938	4950	4961	4972
2328	2357	2386	54	4983	4992	5001	5009
2443	2472	2501	55	5017	5023	5027	5030

THIS CALIBRATION IS NOT INTENDED FOR LEGAL MEASUREMENT OF PRODUCT

THIS CHART ASSUMES 1/4" LINING

SERIAL NO. #5863

635303

635303

CYLINDRICAL TANK - THEORETICAL OUTAGE CALIBRATION

DIAMETER = 55.75 in.
G.P.I. = 10.57 in.
HEAD GAL = 74.12 gal.

LENGTH = 462.0 in.
CAPACITY = 5030 gal.
COLLAR HT. = 8.00 in.

NCH	- 0 -	1/4	1/2	3/4	INCH	- 0 -	1/4	1/2	3/4
8	5030	5027	5023	5017	36	2501	2472	2443	2415
9	5009	5001	4992	4983	37	2386	2357	2328	2300
10	4972	4961	4950	4938	38	2271	2243	2214	2185
11	4925	4912	4898	4884	39	2157	2128	2100	2071
12	4869	4854	4839	4823	40	2043	2015	1986	1958
13	4807	4790	4773	4756	41	1930	1901	1873	1845
14	4738	4720	4702	4683	42	1817	1789	1761	1733
15	4665	4645	4626	4606	43	1706	1678	1650	1623
16	4586	4566	4545	4525	44	1595	1568	1540	1513
17	4504	4482	4461	4439	45	1486	1459	1432	1405
18	4417	4395	4373	4350	46	1378	1351	1325	1298
19	4327	4305	4281	4258	47	1272	1246	1219	1193
20	4235	4211	4187	4163	48	1167	1142	1116	1090
21	4139	4114	4090	4065	49	1065	1040	1015	990
22	4040	4015	3990	3965	50	965	940	916	891
23	3940	3914	3888	3863	51	867	843	819	795
24	3837	3811	3784	3758	52	772	749	725	703
25	3732	3705	3679	3652	53	680	657	635	613
26	3625	3598	3571	3544	54	591	569	548	526
27	3517	3490	3462	3435	55	505	485	464	444
28	3407	3380	3352	3324	56	424	404	385	365
29	3297	3269	3241	3213	57	347	328	310	292
30	3185	3157	3129	3100	58	274	257	240	223
31	3072	3044	3015	2987	59	207	191	176	161
32	2959	2930	2902	2873	60	146	132	118	105
33	2845	2816	2787	2759	61	92	80	69	58
34	2730	2702	2673	2644	62	47	38	29	21
35	2615	2587	2558	2529	63	13	7	3	0

* THEORETICAL CALIBRATION IS NOT INTENDED FOR LEGAL MEASUREMENT OF PRODUCT VOLUMES!
 * OUTAGE MEASURED FROM THE TOP OF THE MANHOLE COLLAR
 * CALIBRATION CHART ASSUMES V4" LIVING

SERIAL NO. H1240-H1249

~~635304~~

CYLINDRICAL TANK - THEORETICAL INAGE CALIBRATION

DIAMETER = 55.75 in.
 G.P.I. = 10.57 in.
 HEAD GAL = 74.12 gal.

LENGTH = 462.0 in.
 CAPACITY = 5030 gal.

INCH	- 0 -	1/4	1/2	3/4	INCH	- 0 -	1/4	1/2	3/4
0	0	3	7	13	28	2529	2558	2587	2615
1	21	29	38	47	29	2644	2673	2702	2730
2	58	69	80	92	30	2759	2787	2816	2845
3	105	118	132	146	31	2873	2902	2930	2959
4	161	176	191	207	32	2987	3015	3044	3072
5	223	240	257	274	33	3100	3129	3157	3185
6	292	310	328	347	34	3213	3241	3269	3297
7	365	385	404	424	35	3324	3352	3380	3407
8	444	464	485	505	36	3435	3462	3490	3517
9	526	548	569	591	37	3544	3571	3598	3625
10	613	635	657	680	38	3652	3679	3705	3732
11	703	725	749	772	39	3758	3784	3811	3837
12	795	819	843	867	40	3863	3888	3914	3940
13	891	916	940	965	41	3965	3990	4015	4040
14	990	1015	1040	1065	42	4065	4090	4114	4139
15	1090	1116	1142	1167	43	4163	4187	4211	4235
16	1193	1219	1246	1272	44	4258	4281	4305	4327
17	1298	1325	1351	1378	45	4350	4373	4395	4417
18	1405	1432	1459	1486	46	4439	4461	4482	4504
19	1513	1540	1568	1595	47	4525	4545	4566	4586
20	1623	1650	1678	1706	48	4606	4626	4645	4665
21	1733	1761	1789	1817	49	4683	4702	4720	4738
22	1845	1873	1901	1930	50	4756	4773	4790	4807
23	1958	1986	2015	2043	51	4823	4839	4854	4869
24	2071	2100	2128	2157	52	4884	4898	4912	4925
25	2185	2214	2243	2271	53	4938	4950	4961	4972
26	2300	2328	2357	2386	54	4983	4992	5001	5009
27	2415	2443	2472	2501	55	5017	5023	5027	5030

* THEORETICAL CALIBRATION IS NOT INTENDED FOR LEGAL MEASUREMENT OF PRODUCT VOLUMES!

* CALIBRATION CHART ASSUMES 1/4" LINING.

635304

635305

635306

635307

635301

635302

RECEIVED

SERIAL NO. M2191-M2195

CYLINDRICAL TANK - THEORETICAL INAGE CALIBRATION

DIAMETER = 56.69 in.
 G.P.I. = 10.93 in.
 HEAD GAL = 77.35 gal.

LENGTH = 462.0 in.
 CAPACITY = 5202 gal.

INCH	0	1/4	1/2	3/4	INCH	0	1/4	1/2	3/4
0	0	3	7	14	28	2552	2591	2620	2649
1	21	29	38	48	29	2679	2708	2737	2766
2	58	69	81	93	30	2795	2825	2854	2883
3	106	119	133	148	31	2912	2941	2970	2999
4	162	177	193	209	32	3028	3057	3086	3115
5	225	242	259	277	33	3144	3172	3201	3230
6	295	313	331	350	34	3259	3287	3316	3344
7	369	388	408	428	35	3373	3401	3429	3458
8	448	469	489	510	36	3486	3514	3542	3570
9	532	553	575	597	37	3598	3625	3653	3681
10	619	641	664	687	38	3708	3736	3763	3790
11	710	733	756	780	39	3817	3844	3871	3898
12	804	828	852	876	40	3925	3951	3978	4004
13	901	925	950	975	41	4030	4056	4082	4108
14	1000	1025	1051	1076	42	4134	4159	4185	4210
15	1102	1128	1154	1180	43	4235	4260	4285	4309
16	1206	1233	1259	1286	44	4334	4358	4382	4406
17	1312	1339	1366	1393	45	4430	4453	4477	4500
18	1420	1448	1475	1503	46	4523	4546	4568	4590
19	1530	1558	1585	1613	47	4613	4634	4656	4677
20	1641	1669	1697	1725	48	4699	4720	4740	4761
21	1753	1782	1810	1838	49	4781	4801	4820	4840
22	1867	1895	1924	1952	50	4859	4877	4896	4914
23	1981	2010	2039	2067	51	4931	4949	4968	4983
24	2096	2125	2154	2183	52	4999	5015	5030	5045
25	2212	2241	2270	2299	53	5060	5074	5088	5101
26	2328	2357	2387	2416	54	5114	5126	5137	5148
27	2445	2474	2503	2533	55	5159	5168	5177	5185

* THEORETICAL CALIBRATION IS NOT INTENDED FOR LEGAL MEASUREMENT OF PRODUCT VOLUMES!

635308

635309

635310

635311

635212

635213

035314

SERIAL NO 5987

CYLINDRICAL TANK - THEORETICAL OUTAGE CALIBRATION

DIAMETER = 56.29 in. LENGTH = 462.0 in.
 G.P.I. = 10.76 in. CAPACITY = 5081 gal.
 HEAD GAL = 59.65 gal. COLLAR HT = 6.50 in.

INCH	0	1/4	1/2	3/4	INCH	0	1/4	1/2	3/4
7	5074	5068	5060	5052	35	2497	2469	2440	2411
8	5044	5034	5024	5013	36	2382	2354	2325	2296
9	5001	4989	4976	4963	37	2268	2239	2210	2182
10	4949	4935	4921	4906	38	2153	2125	2096	2068
11	4890	4875	4858	4842	39	2039	2011	1983	1954
12	4825	4808	4790	4772	40	1925	1898	1870	1842
13	4754	4735	4717	4698	41	1814	1786	1758	1730
14	4678	4658	4638	4618	42	1702	1674	1647	1619
15	4598	4577	4556	4535	43	1592	1564	1537	1510
16	4514	4492	4470	4448	44	1482	1455	1429	1402
17	4426	4404	4380	4357	45	1375	1348	1322	1295
18	4334	4311	4288	4264	46	1269	1243	1217	1191
19	4240	4216	4192	4168	47	1165	1139	1113	1088
20	4143	4119	4094	4068	48	1062	1037	1012	987
21	4044	4019	3993	3968	49	962	938	913	889
22	3942	3916	3890	3864	50	865	841	817	792
23	3838	3812	3786	3759	51	770	747	724	701
24	3733	3706	3679	3652	52	678	655	633	611
25	3625	3598	3571	3544	53	586	567	548	525
26	3517	3489	3462	3434	54	504	487	468	443
27	3407	3379	3351	3323	55	423	405	385	364
28	3295	3267	3239	3211	56	346	327	309	289
29	3183	3155	3127	3098	57	271	256	239	223
30	3070	3042	3014	2985	58	200	191	174	160
31	2956	2928	2899	2871	59	140	132	118	105
32	2842	2813	2785	2756	60	82	80	65	57
33	2727	2699	2670	2641	61	27	27	14	11
34	2612	2584	2555	2526	62	13	13	5	0

THEORETICAL CALIBRATION IS NOT INTENDED FOR LEGAL MEASUREMENT OF PRODUCT VOLUMES!

OUTAGE MEASURED FROM THE TOP OF THE MANHOLE COLLAR

635315

PAPER40627.txt
CALIBRATION CHART STRAIGHT ROUND
INNAGE

** US GALLONS **

COMPARTMENT LENGTH= 468.000 INCHES BARREL/CPT I.D.= 58.750 INCHES
HEAD GALLONAGE= 164. GALLONS INCREMENT= 0.250 INCHES

	0 FT	1 FT	2 FT	3 FT	4 FT
INCHES					
0.00	0.	822.	2169.	3638.	4955.
0.25	3.	847.	2199.	3668.	4978.
0.50	7.	872.	2229.	3698.	5001.
0.75	13.	897.	2260.	3728.	5024.
1.00	21.	922.	2290.	3758.	5047.
1.25	29.	948.	2321.	3788.	5070.
1.50	38.	973.	2351.	3817.	5092.
1.75	48.	999.	2382.	3847.	5114.
2.00	58.	1025.	2413.	3876.	5136.
2.25	70.	1052.	2443.	3906.	5158.
2.50	82.	1078.	2474.	3935.	5179.
2.75	94.	1104.	2505.	3964.	5200.
3.00	107.	1131.	2535.	3993.	5221.
3.25	121.	1158.	2566.	4022.	5241.
3.50	135.	1185.	2597.	4051.	5261.
3.75	149.	1212.	2628.	4080.	5281.
4.00	164.	1239.	2658.	4109.	5301.
4.25	180.	1267.	2689.	4137.	5320.
4.50	195.	1294.	2720.	4166.	5339.
4.75	212.	1322.	2751.	4194.	5357.
5.00	228.	1350.	2782.	4222.	5375.
5.25	245.	1377.	2813.	4251.	5393.
5.50	263.	1405.	2843.	4279.	5411.
5.75	281.	1434.	2874.	4307.	5428.
6.00	299.	1462.	2905.	4334.	5444.
6.25	318.	1490.	2936.	4362.	5461.
6.50	336.	1519.	2967.	4390.	5477.
6.75	356.	1547.	2998.	4417.	5492.
7.00	375.	1576.	3028.	4444.	5507.
7.25	395.	1605.	3059.	4471.	5522.
7.50	415.	1634.	3090.	4498.	5536.
7.75	436.	1663.	3121.	4525.	5549.
8.00	456.	1692.	3152.	4552.	5562.
8.25	477.	1721.	3182.	4578.	5575.
8.50	499.	1751.	3213.	4605.	5586.
8.75	520.	1780.	3244.	4631.	5598.
9.00	542.	1809.	3274.	4657.	5608.
9.25	564.	1839.	3305.	4683.	5618.
9.50	586.	1869.	3335.	4708.	5627.
9.75	609.	1898.	3366.	4734.	5635.
10.00	632.	1928.	3396.	4759.	5643.
10.25	655.	1958.	3427.	4784.	5649.
10.50	678.	1988.	3457.	4809.	5654.
10.75	701.	2018.	3487.	4834.	5656.
11.00	725.	2048.	3518.	4858.	
11.25	749.	2078.	3548.	4883.	
11.50	773.	2108.	3578.	4907.	
11.75	798.	2138.	3608.	4931.	

TOTAL COMPARTMENT VOLUME 5656. GALLONS.
THIS CHART IS BASED ON THEORETICAL DIMENSIONS.
AN ACTUAL WATER CALIBRATION MAY BE NECESSARY FOR GREATER ACCURACY.