



BARGE "KIRBY 14801"

PORT INNAGE TABLE HORIZONTAL

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HW CHEM 142"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0.00	0	149.83	0	418.64	0	758.88	0	1,151.12	0	1,583.10	0	2,044.64	0	2,527.95	0	3,025.86	0	3,531.86
1/4	0.45	1/4	154.66	1/4	425.19	1/4	766.66	1/4	1,159.81	1/4	1,592.48	1/4	2,054.54	1/4	2,538.23	1/4	3,036.35	1/4	3,542.45
1/2	1.29	1/2	159.49	1/2	431.73	1/2	774.43	1/2	1,168.49	1/2	1,601.87	1/2	2,064.45	1/2	2,548.50	1/2	3,048.84	1/2	3,553.04
3/4	2.36	3/4	164.32	3/4	438.28	3/4	782.21	3/4	1,177.18	3/4	1,611.26	3/4	2,074.35	3/4	2,558.77	3/4	3,057.33	3/4	3,563.63
1	3.64	1	169.14	1	444.82	1	789.99	1	1,185.87	1	1,620.64	1	2,084.25	1	2,569.05	1	3,067.82	1	3,574.21
1/4	5.31	1/4	173.97	1/4	451.37	1/4	797.76	1/4	1,194.56	1/4	1,630.03	1/4	2,094.15	1/4	2,579.32	1/4	3,078.31	1/4	3,584.81
1/2	6.98	1/2	178.80	1/2	457.91	1/2	805.54	1/2	1,203.24	1/2	1,639.42	1/2	2,104.05	1/2	2,589.60	1/2	3,088.80	1/2	3,595.41
3/4	8.64	3/4	183.63	3/4	464.46	3/4	813.32	3/4	1,211.93	3/4	1,648.80	3/4	2,113.96	3/4	2,599.87	3/4	3,099.30	3/4	3,605.99
2	10.29	2	188.45	2	471.00	2	821.10	2	1,220.62	2	1,658.19	2	2,123.86	2	2,610.14	2	3,109.79	2	3,616.57
1/4	12.64	1/4	193.62	1/4	477.61	1/4	829.04	1/4	1,229.44	1/4	1,667.67	1/4	2,133.83	1/4	2,620.46	1/4	3,120.30	1/4	3,627.16
1/2	14.98	1/2	198.78	1/2	484.21	1/2	836.98	1/2	1,238.26	1/2	1,677.15	1/2	2,143.80	1/2	2,630.78	1/2	3,130.82	1/2	3,637.74
3/4	17.31	3/4	203.94	3/4	490.82	3/4	844.93	3/4	1,247.08	3/4	1,686.64	3/4	2,153.78	3/4	2,641.10	3/4	3,141.33	3/4	3,648.32
3	19.67	3	209.11	3	497.43	3	852.87	3	1,255.90	3	1,696.12	3	2,163.75	3	2,651.42	3	3,151.85	3	3,658.90
1/4	22.01	1/4	214.27	1/4	504.04	1/4	860.81	1/4	1,264.73	1/4	1,705.60	1/4	2,173.72	1/4	2,661.74	1/4	3,162.36	1/4	3,669.49
1/2	24.35	1/2	219.43	1/2	510.64	1/2	868.76	1/2	1,273.55	1/2	1,715.08	1/2	2,183.70	1/2	2,672.05	1/2	3,172.88	1/2	3,680.07
3/4	26.68	3/4	224.60	3/4	517.25	3/4	876.70	3/4	1,282.37	3/4	1,724.57	3/4	2,193.67	3/4	2,682.37	3/4	3,183.39	3/4	3,690.65
4	29.02	4	229.76	4	523.86	4	884.64	4	1,291.19	4	1,734.05	4	2,203.64	4	2,692.69	4	3,193.90	4	3,701.24
1/4	32.05	1/4	235.24	1/4	531.03	1/4	892.74	1/4	1,300.13	1/4	1,743.63	1/4	2,213.68	1/4	2,703.05	1/4	3,204.44	1/4	3,711.82
1/2	35.08	1/2	240.73	1/2	538.20	1/2	900.84	1/2	1,309.08	1/2	1,753.21	1/2	2,223.72	1/2	2,713.40	1/2	3,214.98	1/2	3,722.39
3/4	38.11	3/4	246.21	3/4	545.38	3/4	908.94	3/4	1,318.02	3/4	1,762.80	3/4	2,233.76	3/4	2,723.76	3/4	3,225.52	3/4	3,732.97
5	41.14	5	251.69	5	552.55	5	917.04	5	1,326.96	5	1,772.38	5	2,243.80	5	2,734.12	5	3,236.06	5	3,743.55
1/4	44.17	1/4	257.17	1/4	559.72	1/4	925.13	1/4	1,335.91	1/4	1,781.96	1/4	2,253.84	1/4	2,744.48	1/4	3,246.60	1/4	3,754.13
1/2	47.19	1/2	262.65	1/2	566.89	1/2	933.23	1/2	1,344.85	1/2	1,791.55	1/2	2,263.88	1/2	2,754.83	1/2	3,257.14	1/2	3,764.70
3/4	50.21	3/4	268.14	3/4	574.07	3/4	941.33	3/4	1,353.79	3/4	1,801.13	3/4	2,273.91	3/4	2,765.19	3/4	3,267.68	3/4	3,775.28
6	53.24	6	273.62	6	581.24	6	949.43	6	1,362.74	6	1,810.71	6	2,283.95	6	2,775.55	6	3,278.21	6	3,785.86
1/4	56.81	1/4	279.39	1/4	588.44	1/4	957.69	1/4	1,371.81	1/4	1,820.38	1/4	2,294.06	1/4	2,785.94	1/4	3,288.77	1/4	3,796.42
1/2	60.38	1/2	285.17	1/2	595.64	1/2	965.95	1/2	1,380.88	1/2	1,830.05	1/2	2,304.17	1/2	2,796.34	1/2	3,299.32	1/2	3,806.98
3/4	63.95	3/4	290.94	3/4	602.85	3/4	974.21	3/4	1,389.94	3/4	1,839.72	3/4	2,314.27	3/4	2,806.74	3/4	3,309.88	3/4	3,817.54
7	67.52	7	296.71	7	610.05	7	982.46	7	1,399.01	7	1,849.39	7	2,324.38	7	2,817.13	7	3,320.43	7	3,828.11
1/4	71.10	1/4	302.49	1/4	617.25	1/4	990.72	1/4	1,408.08	1/4	1,859.06	1/4	2,334.49	1/4	2,827.53	1/4	3,330.98	1/4	3,838.67
1/2	74.67	1/2	308.26	1/2	624.45	1/2	998.98	1/2	1,417.15	1/2	1,868.73	1/2	2,344.60	1/2	2,837.92	1/2	3,341.54	1/2	3,849.23
3/4	78.24	3/4	314.04	3/4	631.66	3/4	1,007.24	3/4	1,426.22	3/4	1,878.40	3/4	2,354.70	3/4	2,848.32	3/4	3,352.09	3/4	3,859.79
8	81.81	8	319.81	8	638.86	8	1,015.50	8	1,435.29	8	1,888.07	8	2,364.81	8	2,858.71	8	3,362.64	8	3,870.36
1/4	85.85	1/4	325.86	1/4	646.26	1/4	1,023.91	1/4	1,444.47	1/4	1,897.82	1/4	2,374.98	1/4	2,869.15	1/4	3,373.21	1/4	3,880.88
1/2	89.89	1/2	331.90	1/2	653.66	1/2	1,032.32	1/2	1,453.65	1/2	1,907.57	1/2	2,385.14	1/2	2,879.58	1/2	3,383.79	1/2	3,891.41
3/4	93.93	3/4	337.95	3/4	661.06	3/4	1,040.72	3/4	1,462.84	3/4	1,917.32	3/4	2,395.31	3/4	2,890.01	3/4	3,394.36	3/4	3,901.94
9	97.98	9	344.00	9	668.46	9	1,049.13	9	1,472.02	9	1,927.07	9	2,405.48	9	2,900.44	9	3,404.93	9	3,912.46
1/4	102.02	1/4	350.05	1/4	675.87	1/4	1,057.54	1/4	1,481.21	1/4	1,936.82	1/4	2,415.64	1/4	2,910.87	1/4	3,415.50	1/4	3,922.99
1/2	106.06	1/2	356.10	1/2	683.27	1/2	1,065.95	1/2	1,490.39	1/2	1,946.57	1/2	2,425.81	1/2	2,921.30	1/2	3,426.07	1/2	3,933.52
3/4	110.10	3/4	362.14	3/4	690.67	3/4	1,074.35	3/4	1,499.58	3/4	1,956.32	3/4	2,435.98	3/4	2,931.74	3/4	3,436.64	3/4	3,944.04
10	114.14	10	368.19	10	698.07	10	1,082.76	10	1,508.76	10	1,966.07	10	2,446.14	10	2,942.17	10	3,447.21	10	3,954.57
1/4	118.60	1/4	374.50	1/4	705.67	1/4	1,091.31	1/4	1,518.05	1/4	1,975.89	1/4	2,456.37	1/4	2,952.63	1/4	3,457.79	1/4	3,965.12
1/2	123.07	1/2	380.80	1/2	713.27	1/2	1,099.85	1/2	1,527.35	1/2	1,985.71	1/2	2,466.60	1/2	2,963.09	1/2	3,468.38	1/2	3,975.66
3/4	127.53	3/4	387.11	3/4	720.87	3/4	1,108.40	3/4	1,536.64	3/4	1,995.54	3/4	2,476.82	3/4	2,973.55	3/4	3,478.96	3/4	3,986.21
11	131.99	11	393.42	11	728.48	11	1,116.94	11	1,545.93	11	2,005.36	11	2,487.05	11	2,984.01	11	3,489.54	11	3,996.75
1/4	136.45	1/4	399.72	1/4	736.08	1/4	1,125.49	1/4	1,555.22	1/4	2,015.18	1/4	2,497.27	1/4	2,994.47	1/4	3,500.12	1/4	4,007.29
1/2	140.91	1/2	406.03	1/2	743.68	1/2	1,134.03	1/2	1,564.51	1/2	2,025.00	1/2	2,507.50	1/2	3,004.93	1/2	3,510.70	1/2	4,017.84
3/4	145.37	3/4	412.34	3/4	751.28	3/4	1,142.57	3/4	1,573.80	3/4	2,034.82	3/4	2,517.73	3/4	3,015.40	3/4	3,521.28	3/4	4,028.38

CAPACITY TABLE BASED UPON DATA SUBMITTED BY KIRBY.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "KIRBY 14801"

PORT INNAGE TABLE HORIZONTAL

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HW CHEM 142"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	4,038.93	0	4,539.38	0	5,027.05	0	5,494.67	0	5,934.88	0	6,337.93	0	6,692.64	0	6,981.19	0	7,171.12	0	
1/4	4,049.43	1/4	4,549.68	1/4	5,036.99	1/4	5,504.10	1/4	5,943.64	1/4	6,345.79	1/4	6,699.31	1/4	6,986.25	1/4	7,173.48	1/4	
1/2	4,059.93	1/2	4,559.97	1/2	5,046.92	1/2	5,513.54	1/2	5,952.39	1/2	6,353.64	1/2	6,705.98	1/2	6,991.30	1/2	7,175.33	1/2	
3/4	4,070.44	3/4	4,570.27	3/4	5,056.86	3/4	5,522.97	3/4	5,961.15	3/4	6,361.50	3/4	6,712.64	3/4	6,996.36	3/4	7,177.67	3/4	
1	4,080.94	1	4,580.56	1	5,066.80	1	5,532.41	1	5,969.91	1	6,369.36	1	6,719.31	1	7,001.42	1	7,180.50	1	
1/4	4,091.44	1/4	4,590.85	1/4	5,076.74	1/4	5,541.84	1/4	5,978.66	1/4	6,377.21	1/4	6,725.98	1/4	7,006.47	1/4	7,182.14	1/4	
1/2	4,101.95	1/2	4,601.15	1/2	5,086.67	1/2	5,551.27	1/2	5,987.42	1/2	6,385.07	1/2	6,732.64	1/2	7,011.53	1/2	7,183.81	1/2	
3/4	4,112.45	3/4	4,611.44	3/4	5,096.61	3/4	5,560.71	3/4	5,996.17	3/4	6,392.93	3/4	6,739.31	3/4	7,016.59	3/4	7,185.48	3/4	
2	4,122.95	2	4,621.74	2	5,106.55	2	5,570.14	2	6,004.93	2	6,400.79	2	6,745.98	2	7,021.64	2	7,187.14	2	
1/4	4,133.43	1/4	4,631.33	1/4	5,117.02	1/4	5,579.48	1/4	6,013.55	1/4	6,408.48	1/4	6,752.40	1/4	7,026.29	1/4	7,188.43	1/4	
1/2	4,143.90	1/2	4,640.93	1/2	5,127.49	1/2	5,588.82	1/2	6,022.16	1/2	6,416.17	1/2	6,758.83	1/2	7,030.94	1/2	7,189.02	1/2	
3/4	4,154.38	3/4	4,650.52	3/4	5,137.97	3/4	5,598.16	3/4	6,030.78	3/4	6,423.86	3/4	6,765.25	3/4	7,035.58	3/4	7,190.33	3/4	
3	4,164.86	3	4,660.12	3	5,148.44	3	5,607.50	3	6,039.39	3	6,431.55	3	6,771.68	3	7,040.23	3	7,190.81	3	
1/4	4,175.33	1/4	4,669.71	1/4	5,158.91	1/4	5,616.84	1/4	6,048.01	1/4	6,439.24	1/4	6,778.11	1/4	7,044.87	1/4		1/4	
1/2	4,185.81	1/2	4,679.31	1/2	5,169.39	1/2	5,626.18	1/2	6,056.63	1/2	6,446.93	1/2	6,784.53	1/2	7,049.52	1/2		1/2	
3/4	4,196.29	3/4	4,688.91	3/4	5,179.86	3/4	5,635.52	3/4	6,065.24	3/4	6,454.62	3/4	6,790.96	3/4	7,054.16	3/4		3/4	
4	4,206.76	4	4,698.50	4	5,190.33	4	5,644.86	4	6,073.86	4	6,462.31	4	6,797.38	4	7,058.81	4		4	
1/4	4,217.21	1/4	4,709.35	1/4	5,199.51	1/4	5,654.10	1/4	6,082.33	1/4	6,469.81	1/4	6,803.56	1/4	7,063.06	1/4		1/4	
1/2	4,227.65	1/2	4,720.20	1/2	5,208.68	1/2	5,663.33	1/2	6,090.80	1/2	6,477.32	1/2	6,809.73	1/2	7,067.31	1/2		1/2	
3/4	4,238.10	3/4	4,731.05	3/4	5,217.85	3/4	5,672.57	3/4	6,099.28	3/4	6,484.82	3/4	6,815.91	3/4	7,071.56	3/4		3/4	
5	4,248.55	5	4,741.91	5	5,227.02	5	5,681.81	5	6,107.75	5	6,492.32	5	6,822.08	5	7,075.81	5		5	
1/4	4,258.99	1/4	4,752.76	1/4	5,236.20	1/4	5,691.05	1/4	6,116.22	1/4	6,499.83	1/4	6,828.26	1/4	7,080.06	1/4		1/4	
1/2	4,269.44	1/2	4,763.61	1/2	5,245.37	1/2	5,700.29	1/2	6,124.70	1/2	6,507.33	1/2	6,834.44	1/2	7,084.31	1/2		1/2	
3/4	4,279.89	3/4	4,774.46	3/4	5,254.54	3/4	5,709.52	3/4	6,133.17	3/4	6,514.83	3/4	6,840.61	3/4	7,088.56	3/4		3/4	
6	4,290.33	6	4,785.31	6	5,263.71	6	5,718.76	6	6,141.64	6	6,522.33	6	6,846.79	6	7,092.81	6		6	
1/4	4,300.75	1/4	4,795.45	1/4	5,273.42	1/4	5,727.89	1/4	6,149.98	1/4	6,529.63	1/4	6,852.70	1/4	7,096.62	1/4		1/4	
1/2	4,311.16	1/2	4,805.58	1/2	5,283.13	1/2	5,737.01	1/2	6,158.31	1/2	6,536.94	1/2	6,858.61	1/2	7,100.42	1/2		1/2	
3/4	4,321.57	3/4	4,815.72	3/4	5,292.84	3/4	5,746.14	3/4	6,166.64	3/4	6,544.24	3/4	6,864.52	3/4	7,104.23	3/4		3/4	
7	4,331.99	7	4,825.86	7	5,302.55	7	5,755.26	7	6,174.98	7	6,551.54	7	6,870.43	7	7,108.04	7		7	
1/4	4,342.40	1/4	4,835.99	1/4	5,312.26	1/4	5,764.39	1/4	6,183.31	1/4	6,558.84	1/4	6,876.34	1/4	7,111.84	1/4		1/4	
1/2	4,352.82	1/2	4,846.13	1/2	5,321.96	1/2	5,773.51	1/2	6,191.64	1/2	6,566.14	1/2	6,882.25	1/2	7,115.65	1/2		1/2	
3/4	4,363.23	3/4	4,856.27	3/4	5,331.67	3/4	5,782.64	3/4	6,199.98	3/4	6,573.44	3/4	6,888.16	3/4	7,119.46	3/4		3/4	
8	4,373.64	8	4,866.41	8	5,341.38	8	5,791.76	8	6,208.31	8	6,580.74	8	6,894.07	8	7,123.26	8		8	
1/4	4,384.02	1/4	4,876.48	1/4	5,351.01	1/4	5,800.77	1/4	6,216.49	1/4	6,587.84	1/4	6,899.70	1/4	7,126.83	1/4		1/4	
1/2	4,394.40	1/2	4,886.55	1/2	5,360.64	1/2	5,809.77	1/2	6,224.67	1/2	6,594.94	1/2	6,905.33	1/2	7,130.41	1/2		1/2	
3/4	4,404.78	3/4	4,896.63	3/4	5,370.27	3/4	5,818.78	3/4	6,232.85	3/4	6,602.03	3/4	6,910.96	3/4	7,133.98	3/4		3/4	
9	4,415.15	9	4,906.70	9	5,379.89	9	5,827.79	9	6,241.04	9	6,609.13	9	6,916.58	9	7,137.55	9		9	
1/4	4,425.53	1/4	4,916.78	1/4	5,389.52	1/4	5,836.79	1/4	6,249.22	1/4	6,616.23	1/4	6,922.21	1/4	7,140.57	1/4		1/4	
1/2	4,435.91	1/2	4,926.85	1/2	5,399.15	1/2	5,845.80	1/2	6,257.40	1/2	6,623.33	1/2	6,927.84	1/2	7,143.60	1/2		1/2	
3/4	4,446.29	3/4	4,936.93	3/4	5,408.78	3/4	5,854.80	3/4	6,265.58	3/4	6,630.43	3/4	6,933.47	3/4	7,146.63	3/4		3/4	
10	4,456.67	10	4,947.00	10	5,418.41	10	5,863.81	10	6,273.76	10	6,637.52	10	6,939.10	10	7,149.67	10		10	
1/4	4,467.01	1/4	4,957.01	1/4	5,427.94	1/4	5,872.69	1/4	6,281.78	1/4	6,644.41	1/4	6,944.36	1/4	7,152.69	1/4		1/4	
1/2	4,477.35	1/2	4,967.01	1/2	5,437.47	1/2	5,881.58	1/2	6,289.80	1/2	6,651.30	1/2	6,949.62	1/2	7,155.72	1/2		1/2	
3/4	4,487.68	3/4	4,977.02	3/4	5,447.00	3/4	5,890.46	3/4	6,297.83	3/4	6,658.19	3/4	6,954.88	3/4	7,158.72	3/4		3/4	
11	4,498.02	11	4,987.02	11	5,456.54	11	5,899.35	11	6,305.85	11	6,665.08	11	6,960.14	11	7,161.72	11		11	
1/4	4,508.36	1/4	4,997.03	1/4	5,466.07	1/4	5,908.23	1/4	6,313.87	1/4	6,671.97	1/4	6,965.41	1/4	7,163.49	1/4		1/4	
1/2	4,518.70	1/2	5,007.04	1/2	5,475.60	1/2	5,917.11	1/2	6,321.89	1/2	6,678.86	1/2	6,970.67	1/2	7,165.26	1/2		1/2	
3/4	4,529.04	3/4	5,017.04	3/4	5,485.13	3/4	5,926.00	3/4	6,329.91	3/4	6,685.75	3/4	6,975.93	3/4	7,168.19	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/10/1993 CTC
REPRINTED: 09/15/2014 CL

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2014



BARGE "KIRBY 14801"

STBD INNAGE TABLE HORIZONTAL

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HW CHEM 142"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0.00	0	149.81	0	418.60	0	758.81	0	1,150.98	0	1,582.91	0	2,044.50	0	2,527.67	0	3,025.52	0	3,531.48
1/4	0.45	1/4	154.64	1/4	425.14	1/4	766.58	1/4	1,159.66	1/4	1,592.29	1/4	2,054.39	1/4	2,537.94	1/4	3,036.02	1/4	3,542.06
1/2	1.29	1/2	159.46	1/2	431.68	1/2	774.36	1/2	1,168.35	1/2	1,601.68	1/2	2,064.28	1/2	2,548.21	1/2	3,048.51	1/2	3,552.64
3/4	2.36	3/4	164.29	3/4	438.23	3/4	782.13	3/4	1,177.04	3/4	1,611.07	3/4	2,074.17	3/4	2,558.48	3/4	3,057.00	3/4	3,563.23
1	3.64	1	169.12	1	444.77	1	789.90	1	1,185.73	1	1,620.45	1	2,084.06	1	2,568.75	1	3,067.49	1	3,573.81
1/4	5.31	1/4	173.95	1/4	451.32	1/4	797.68	1/4	1,194.41	1/4	1,629.84	1/4	2,093.95	1/4	2,579.02	1/4	3,077.98	1/4	3,584.40
1/2	6.98	1/2	178.77	1/2	457.86	1/2	805.45	1/2	1,203.10	1/2	1,639.23	1/2	2,103.84	1/2	2,589.29	1/2	3,088.47	1/2	3,595.00
3/4	8.64	3/4	183.60	3/4	464.41	3/4	813.23	3/4	1,211.79	3/4	1,648.61	3/4	2,113.73	3/4	2,599.56	3/4	3,098.96	3/4	3,605.60
2	10.29	2	188.43	2	470.95	2	821.00	2	1,220.48	2	1,658.00	2	2,123.62	2	2,609.83	2	3,109.45	2	3,616.19
1/4	12.64	1/4	193.59	1/4	477.74	1/4	828.94	1/4	1,229.30	1/4	1,667.48	1/4	2,133.59	1/4	2,620.15	1/4	3,119.97	1/4	3,626.77
1/2	14.98	1/2	198.76	1/2	484.52	1/2	836.89	1/2	1,238.13	1/2	1,676.96	1/2	2,143.56	1/2	2,630.47	1/2	3,130.48	1/2	3,637.36
3/4	17.31	3/4	203.92	3/4	491.30	3/4	844.83	3/4	1,246.95	3/4	1,686.45	3/4	2,153.53	3/4	2,640.79	3/4	3,141.00	3/4	3,647.94
3	19.67	3	209.08	3	498.08	3	852.77	3	1,255.77	3	1,695.93	3	2,163.50	3	2,651.11	3	3,151.51	3	3,658.52
1/4	22.01	1/4	214.25	1/4	504.87	1/4	860.72	1/4	1,264.60	1/4	1,705.41	1/4	2,173.47	1/4	2,661.43	1/4	3,162.03	1/4	3,669.10
1/2	24.35	1/2	219.41	1/2	511.65	1/2	868.66	1/2	1,273.42	1/2	1,714.89	1/2	2,183.44	1/2	2,671.74	1/2	3,172.54	1/2	3,679.68
3/4	26.68	3/4	224.57	3/4	518.43	3/4	876.60	3/4	1,282.25	3/4	1,724.38	3/4	2,193.41	3/4	2,682.06	3/4	3,183.06	3/4	3,690.27
4	29.02	4	229.74	4	525.21	4	884.55	4	1,291.07	4	1,733.86	4	2,203.38	4	2,692.38	4	3,193.57	4	3,700.85
1/4	32.05	1/4	235.22	1/4	532.21	1/4	892.65	1/4	1,300.01	1/4	1,743.44	1/4	2,213.42	1/4	2,702.74	1/4	3,204.11	1/4	3,711.43
1/2	35.08	1/2	240.70	1/2	539.20	1/2	900.74	1/2	1,308.95	1/2	1,753.02	1/2	2,223.46	1/2	2,713.10	1/2	3,214.64	1/2	3,722.01
3/4	38.11	3/4	246.18	3/4	546.20	3/4	908.84	3/4	1,317.89	3/4	1,762.60	3/4	2,233.50	3/4	2,723.45	3/4	3,225.18	3/4	3,732.59
5	41.14	5	251.67	5	553.19	5	916.94	5	1,326.83	5	1,772.18	5	2,243.54	5	2,733.81	5	3,235.71	5	3,743.17
1/4	44.17	1/4	257.15	1/4	560.18	1/4	925.04	1/4	1,335.77	1/4	1,781.76	1/4	2,253.58	1/4	2,744.17	1/4	3,246.25	1/4	3,753.74
1/2	47.19	1/2	262.63	1/2	567.18	1/2	933.14	1/2	1,344.71	1/2	1,791.34	1/2	2,263.61	1/2	2,754.52	1/2	3,256.79	1/2	3,764.30
3/4	50.21	3/4	268.11	3/4	574.17	3/4	941.24	3/4	1,353.66	3/4	1,800.92	3/4	2,273.65	3/4	2,764.88	3/4	3,267.32	3/4	3,774.87
6	53.24	6	273.60	6	581.17	6	949.33	6	1,362.60	6	1,810.50	6	2,283.69	6	2,775.24	6	3,277.86	6	3,785.44
1/4	56.81	1/4	279.37	1/4	588.37	1/4	957.59	1/4	1,371.66	1/4	1,820.14	1/4	2,293.80	1/4	2,785.63	1/4	3,288.41	1/4	3,796.01
1/2	60.38	1/2	285.14	1/2	595.57	1/2	965.85	1/2	1,380.73	1/2	1,829.78	1/2	2,303.91	1/2	2,796.03	1/2	3,298.96	1/2	3,806.58
3/4	63.95	3/4	290.92	3/4	602.77	3/4	974.10	3/4	1,389.79	3/4	1,839.42	3/4	2,314.01	3/4	2,806.43	3/4	3,309.52	3/4	3,817.15
7	67.52	7	296.69	7	609.98	7	982.36	7	1,398.86	7	1,849.06	7	2,324.12	7	2,816.82	7	3,320.07	7	3,827.71
1/4	71.10	1/4	302.46	1/4	617.18	1/4	990.61	1/4	1,407.92	1/4	1,858.70	1/4	2,334.23	1/4	2,827.22	1/4	3,330.63	1/4	3,838.27
1/2	74.67	1/2	308.24	1/2	624.38	1/2	998.87	1/2	1,416.99	1/2	1,868.34	1/2	2,344.33	1/2	2,837.61	1/2	3,341.18	1/2	3,848.82
3/4	78.24	3/4	314.01	3/4	631.58	3/4	1,007.13	3/4	1,426.05	3/4	1,877.98	3/4	2,354.44	3/4	2,848.01	3/4	3,351.73	3/4	3,859.38
8	81.81	8	319.79	8	638.79	8	1,015.38	8	1,435.12	8	1,887.62	8	2,364.55	8	2,858.41	8	3,362.29	8	3,869.93
1/4	85.85	1/4	325.83	1/4	646.19	1/4	1,023.79	1/4	1,444.30	1/4	1,897.39	1/4	2,374.71	1/4	2,868.83	1/4	3,372.85	1/4	3,880.48
1/2	89.89	1/2	331.88	1/2	653.59	1/2	1,032.20	1/2	1,453.49	1/2	1,907.16	1/2	2,384.88	1/2	2,879.26	1/2	3,383.42	1/2	3,891.04
3/4	93.93	3/4	337.92	3/4	660.99	3/4	1,040.60	3/4	1,462.67	3/4	1,916.93	3/4	2,395.05	3/4	2,889.69	3/4	3,393.99	3/4	3,901.59
9	97.96	9	343.96	9	668.39	9	1,049.01	9	1,471.86	9	1,926.70	9	2,405.21	9	2,900.12	9	3,404.56	9	3,912.14
1/4	102.00	1/4	350.01	1/4	675.79	1/4	1,057.42	1/4	1,481.04	1/4	1,936.47	1/4	2,415.38	1/4	2,910.55	1/4	3,415.13	1/4	3,922.68
1/2	106.04	1/2	356.05	1/2	683.20	1/2	1,065.83	1/2	1,490.23	1/2	1,946.24	1/2	2,425.55	1/2	2,920.98	1/2	3,425.70	1/2	3,933.21
3/4	110.08	3/4	362.10	3/4	690.60	3/4	1,074.24	3/4	1,499.41	3/4	1,956.02	3/4	2,435.71	3/4	2,931.41	3/4	3,436.27	3/4	3,943.75
10	114.12	10	368.14	10	698.00	10	1,082.64	10	1,508.60	10	1,965.79	10	2,445.88	10	2,941.83	10	3,446.83	10	3,954.29
1/4	118.58	1/4	374.45	1/4	705.60	1/4	1,091.18	1/4	1,517.88	1/4	1,975.63	1/4	2,456.10	1/4	2,952.30	1/4	3,457.41	1/4	3,964.82
1/2	123.04	1/2	380.76	1/2	713.20	1/2	1,099.73	1/2	1,527.17	1/2	1,985.46	1/2	2,466.33	1/2	2,962.76	1/2	3,467.99	1/2	3,975.36
3/4	127.50	3/4	387.06	3/4	720.80	3/4	1,108.27	3/4	1,536.46	3/4	1,995.30	3/4	2,476.55	3/4	2,973.22	3/4	3,478.57	3/4	3,985.89
11	131.96	11	393.37	11	728.40	11	1,116.81	11	1,545.75	11	2,005.14	11	2,486.77	11	2,983.68	11	3,489.16	11	3,996.43
1/4	136.43	1/4	399.68	1/4	736.01	1/4	1,125.35	1/4	1,555.04	1/4	2,014.98	1/4	2,497.00	1/4	2,994.14	1/4	3,499.74	1/4	4,006.94
1/2	140.89	1/2	405.98	1/2	743.61	1/2	1,133.89	1/2	1,564.33	1/2	2,024.82	1/2	2,507.22	1/2	3,004.60	1/2	3,510.32	1/2	4,017.46
3/4	145.35	3/4	412.29	3/4	751.21	3/4	1,142.44	3/4	1,573.62	3/4	2,034.66	3/4	2,517.44	3/4	3,015.06	3/4	3,520.90	3/4	4,027.97

CAPACITY TABLE BASED UPON DATA SUBMITTED BY KIRBY.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "KIRBY 14801"

STBD

INNAGE TABLE HORIZONTAL

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "HW CHEM 142"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	4,038.49	0	4,538.89	0	5,026.50	0	5,494.07	0	5,934.23	0	6,337.23	0	6,691.92	0	6,980.92	0	7,170.38	0	
1/4	4,049.00	1/4	4,549.21	1/4	5,036.47	1/4	5,503.55	1/4	5,943.05	1/4	6,345.17	1/4	6,698.70	1/4	6,986.08	1/4	7,172.69	1/4	
1/2	4,059.52	1/2	4,559.53	1/2	5,046.44	1/2	5,513.04	1/2	5,951.88	1/2	6,353.11	1/2	6,705.48	1/2	6,991.25	1/2	7,175.03	1/2	
3/4	4,070.03	3/4	4,569.85	3/4	5,056.41	3/4	5,522.52	3/4	5,960.70	3/4	6,361.06	3/4	6,712.27	3/4	6,996.41	3/4	7,177.36	3/4	
1	4,080.55	1	4,580.17	1	5,066.38	1	5,532.00	1	5,969.52	1	6,369.00	1	6,719.05	1	7,001.57	1	7,179.72	1	
1/4	4,091.04	1/4	4,590.44	1/4	5,076.27	1/4	5,541.39	1/4	5,978.21	1/4	6,376.77	1/4	6,725.59	1/4	7,006.40	1/4	7,181.36	1/4	
1/2	4,101.53	1/2	4,600.71	1/2	5,086.16	1/2	5,550.77	1/2	5,986.90	1/2	6,384.55	1/2	6,732.14	1/2	7,011.23	1/2	7,183.03	1/2	
3/4	4,112.02	3/4	4,610.98	3/4	5,096.05	3/4	5,560.16	3/4	5,995.59	3/4	6,392.32	3/4	6,738.68	3/4	7,016.05	3/4	7,184.69	3/4	
2	4,122.51	2	4,621.25	2	5,105.94	2	5,569.55	2	6,004.27	2	6,400.10	2	6,745.23	2	7,020.88	2	7,186.36	2	
1/4	4,133.00	1/4	4,631.52	1/4	5,115.83	1/4	5,578.94	1/4	6,012.96	1/4	6,407.87	1/4	6,751.77	1/4	7,025.71	1/4	7,187.64	1/4	
1/2	4,143.49	1/2	4,641.79	1/2	5,125.72	1/2	5,588.32	1/2	6,021.65	1/2	6,415.64	1/2	6,758.32	1/2	7,030.54	1/2	7,188.72	1/2	
3/4	4,153.99	3/4	4,652.06	3/4	5,135.61	3/4	5,597.71	3/4	6,030.34	3/4	6,423.42	3/4	6,764.86	3/4	7,035.36	3/4	7,189.55	3/4	
3	4,164.48	3	4,662.33	3	5,145.50	3	5,607.10	3	6,039.02	3	6,431.19	3	6,771.41	3	7,040.19	3	7,190.00	3	
1/4	4,174.94	1/4	4,672.56	1/4	5,155.34	1/4	5,616.38	1/4	6,047.57	1/4	6,438.79	1/4	6,777.71	1/4	7,044.65	1/4		1/4	
1/2	4,185.40	1/2	4,682.78	1/2	5,165.18	1/2	5,625.67	1/2	6,056.11	1/2	6,446.39	1/2	6,784.02	1/2	7,049.11	1/2		1/2	
3/4	4,195.86	3/4	4,693.00	3/4	5,175.02	3/4	5,634.96	3/4	6,064.65	3/4	6,454.00	3/4	6,790.33	3/4	7,053.58	3/4		3/4	
4	4,206.32	4	4,703.23	4	5,184.86	4	5,644.25	4	6,073.19	4	6,461.60	4	6,796.63	4	7,058.04	4		4	
1/4	4,216.78	1/4	4,713.45	1/4	5,194.70	1/4	5,653.54	1/4	6,081.73	1/4	6,469.20	1/4	6,802.94	1/4	7,062.50	1/4		1/4	
1/2	4,227.24	1/2	4,723.67	1/2	5,204.54	1/2	5,662.83	1/2	6,090.27	1/2	6,476.80	1/2	6,809.25	1/2	7,066.96	1/2		1/2	
3/4	4,237.71	3/4	4,733.90	3/4	5,214.38	3/4	5,672.12	3/4	6,098.82	3/4	6,484.40	3/4	6,815.55	3/4	7,071.42	3/4		3/4	
5	4,248.17	5	4,744.12	5	5,224.22	5	5,681.41	5	6,107.36	5	6,492.00	5	6,821.86	5	7,075.88	5		5	
1/4	4,258.60	1/4	4,754.29	1/4	5,233.99	1/4	5,690.59	1/4	6,115.77	1/4	6,499.40	1/4	6,827.90	1/4	7,079.92	1/4		1/4	
1/2	4,269.02	1/2	4,764.45	1/2	5,243.76	1/2	5,699.77	1/2	6,124.17	1/2	6,506.80	1/2	6,833.95	1/2	7,083.96	1/2		1/2	
3/4	4,279.45	3/4	4,774.62	3/4	5,253.53	3/4	5,708.96	3/4	6,132.58	3/4	6,514.21	3/4	6,839.99	3/4	7,088.00	3/4		3/4	
6	4,289.88	6	4,784.79	6	5,263.30	6	5,718.14	6	6,140.99	6	6,521.61	6	6,846.04	6	7,092.04	6		6	
1/4	4,300.31	1/4	4,794.95	1/4	5,273.07	1/4	5,727.33	1/4	6,149.40	1/4	6,529.01	1/4	6,852.08	1/4	7,096.08	1/4		1/4	
1/2	4,310.74	1/2	4,805.12	1/2	5,282.84	1/2	5,736.51	1/2	6,157.80	1/2	6,536.41	1/2	6,858.13	1/2	7,100.11	1/2		1/2	
3/4	4,321.17	3/4	4,815.29	3/4	5,292.61	3/4	5,745.70	3/4	6,166.21	3/4	6,543.81	3/4	6,864.17	3/4	7,104.15	3/4		3/4	
7	4,331.60	7	4,825.45	7	5,302.38	7	5,754.88	7	6,174.62	7	6,551.22	7	6,870.22	7	7,108.19	7		7	
1/4	4,341.99	1/4	4,835.56	1/4	5,312.02	1/4	5,763.95	1/4	6,182.88	1/4	6,558.42	1/4	6,875.99	1/4	7,111.76	1/4		1/4	
1/2	4,352.39	1/2	4,845.67	1/2	5,321.66	1/2	5,773.01	1/2	6,191.13	1/2	6,565.62	1/2	6,881.76	1/2	7,115.33	1/2		1/2	
3/4	4,362.78	3/4	4,855.77	3/4	5,331.30	3/4	5,782.08	3/4	6,199.39	3/4	6,572.82	3/4	6,887.54	3/4	7,118.91	3/4		3/4	
8	4,373.18	8	4,865.88	8	5,340.94	8	5,791.14	8	6,207.64	8	6,580.02	8	6,893.31	8	7,122.48	8		8	
1/4	4,383.57	1/4	4,875.99	1/4	5,350.58	1/4	5,800.21	1/4	6,215.90	1/4	6,587.23	1/4	6,899.08	1/4	7,126.05	1/4		1/4	
1/2	4,393.97	1/2	4,886.10	1/2	5,360.22	1/2	5,809.27	1/2	6,224.16	1/2	6,594.43	1/2	6,904.86	1/2	7,129.62	1/2		1/2	
3/4	4,404.37	3/4	4,896.20	3/4	5,369.86	3/4	5,818.34	3/4	6,232.41	3/4	6,601.63	3/4	6,910.63	3/4	7,133.19	3/4		3/4	
9	4,414.76	9	4,906.31	9	5,379.50	9	5,827.41	9	6,240.67	9	6,608.83	9	6,916.41	9	7,136.76	9		9	
1/4	4,425.12	1/4	4,916.35	1/4	5,389.08	1/4	5,836.35	1/4	6,248.77	1/4	6,615.83	1/4	6,921.89	1/4	7,139.79	1/4		1/4	
1/2	4,435.48	1/2	4,926.39	1/2	5,398.66	1/2	5,845.29	1/2	6,256.86	1/2	6,622.82	1/2	6,927.37	1/2	7,142.82	1/2		1/2	
3/4	4,445.83	3/4	4,936.43	3/4	5,408.24	3/4	5,854.23	3/4	6,264.96	3/4	6,629.82	3/4	6,932.85	3/4	7,145.85	3/4		3/4	
10	4,456.19	10	4,946.47	10	5,417.82	10	5,863.17	10	6,273.06	10	6,636.81	10	6,938.33	10	7,148.88	10		10	
1/4	4,466.55	1/4	4,956.50	1/4	5,427.40	1/4	5,872.11	1/4	6,281.16	1/4	6,643.80	1/4	6,943.82	1/4	7,151.91	1/4		1/4	
1/2	4,476.91	1/2	4,966.54	1/2	5,436.98	1/2	5,881.05	1/2	6,289.26	1/2	6,650.80	1/2	6,949.30	1/2	7,154.93	1/2		1/2	
3/4	4,487.26	3/4	4,976.58	3/4	5,446.56	3/4	5,889.99	3/4	6,297.36	3/4	6,657.79	3/4	6,954.78	3/4	7,157.95	3/4		3/4	
11	4,497.62	11	4,986.62	11	5,456.14	11	5,898.93	11	6,305.45	11	6,664.79	11	6,960.26	11	7,160.98	11		11	
1/4	4,507.94	1/4	4,996.59	1/4	5,465.63	1/4	5,907.75	1/4	6,313.40	1/4	6,671.57	1/4	6,965.43	1/4	7,163.33	1/4		1/4	
1/2	4,518.26	1/2	5,006.56	1/2	5,475.11	1/2	5,916.58	1/2	6,321.34	1/2	6,678.35	1/2	6,970.59	1/2	7,165.68	1/2		1/2	
3/4	4,528.58	3/4	5,016.53	3/4	5,484.59	3/4	5,925.40	3/4	6,329.28	3/4	6,685.14	3/4	6,975.75	3/4	7,168.03	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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