

Tank ID 035-002 Tank Type V Roof Weight API Gravity Correction
Max. Strapping Height 72-02-08 Strapped By: HMT 11/27/2012 Floating Height 0-00-00

FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
0-00-00	3.12000	F	0-05-04	12.67000	F	0-10-08	29.87000	F	1-03-12	54.59000	F
0-00-02	3.24000	F	0-05-06	13.00000	F	0-10-10	30.37000	F	1-03-14	55.26000	F
0-00-04	3.40000	F	0-05-08	13.34000	F	0-10-12	30.88000	F	1-04-00	55.93000	F
0-00-06	3.56000	F	0-05-10	13.67000	F	0-10-14	31.38000	F	1-04-02	56.61000	F
0-00-08	3.72000	F	0-05-12	14.00000	F	0-11-00	31.88000	F	1-04-04	57.31000	F
0-00-10	3.87000	F	0-05-14	14.33000	F	0-11-02	32.39000	F	1-04-06	58.02000	F
0-00-12	4.03000	F	0-06-00	14.66000	F	0-11-04	32.93000	F	1-04-08	58.73000	F
0-00-14	4.19000	F	0-06-02	14.99000	F	0-11-06	33.46000	F	1-04-10	59.44000	F
0-01-00	4.35000	F	0-06-04	15.36000	F	0-11-08	34.00000	F	1-04-12	60.14000	F
0-01-02	4.50000	F	0-06-06	15.73000	F	0-11-10	34.54000	F	1-04-14	60.85000	F
0-01-04	4.70000	F	0-06-08	16.09000	F	0-11-12	35.08000	F	1-05-00	61.56000	F
0-01-06	4.89000	F	0-06-10	16.46000	F	0-11-14	35.61000	F	1-05-02	62.26000	F
0-01-08	5.08000	F	0-06-12	16.82000	F	1-00-00	36.15000	F	1-05-04	63.00000	F
0-01-10	5.28000	F	0-06-14	17.19000	F	1-00-02	36.69000	F	1-05-06	63.74000	F
0-01-12	5.47000	F	0-07-00	17.56000	F	1-00-04	37.26000	F	1-05-08	64.49000	F
0-01-14	5.66000	F	0-07-02	17.92000	F	1-00-06	37.83000	F	1-05-10	65.23000	F
0-02-00	5.85000	F	0-07-04	18.32000	F	1-00-08	38.40000	F	1-05-12	65.97000	F
0-02-02	6.05000	F	0-07-06	18.72000	F	1-00-10	38.98000	F	1-05-14	66.71000	F
0-02-04	6.27000	F	0-07-08	19.12000	F	1-00-12	39.55000	F	1-06-00	67.45000	F
0-02-06	6.50000	F	0-07-10	19.52000	F	1-00-14	40.12000	F	1-06-02	68.19000	F
0-02-08	6.73000	F	0-07-12	19.93000	F	1-01-00	40.69000	F	1-06-04	68.96000	F
0-02-10	6.96000	F	0-07-14	20.33000	F	1-01-02	41.26000	F	1-06-06	69.74000	F
0-02-12	7.19000	F	0-08-00	20.73000	F	1-01-04	41.87000	F	1-06-08	70.51000	F
0-02-14	7.41000	F	0-08-02	21.13000	F	1-01-06	42.47000	F	1-06-10	71.28000	F
0-03-00	7.64000	F	0-08-04	21.56000	F	1-01-08	43.08000	F	1-06-12	72.06000	F
0-03-02	7.87000	F	0-08-06	22.00000	F	1-01-10	43.68000	F	1-06-14	72.83000	F
0-03-04	8.13000	F	0-08-08	22.43000	F	1-01-12	44.29000	F	1-07-00	73.61000	F
0-03-06	8.39000	F	0-08-10	22.87000	F	1-01-14	44.90000	F	1-07-02	74.38000	F
0-03-08	8.66000	F	0-08-12	23.30000	F	1-02-00	45.50000	F	1-07-04	75.19000	F
0-03-10	8.92000	F	0-08-14	23.74000	F	1-02-02	46.11000	F	1-07-06	76.00000	F
0-03-12	9.18000	F	0-09-00	24.17000	F	1-02-04	46.75000	F	1-07-08	76.80000	F
0-03-14	9.44000	F	0-09-02	24.61000	F	1-02-06	47.39000	F	1-07-10	77.61000	F
0-04-00	9.70000	F	0-09-04	25.08000	F	1-02-08	48.02000	F	1-07-12	78.42000	F
0-04-02	9.97000	F	0-09-06	25.55000	F	1-02-10	48.66000	F	1-07-14	79.23000	F
0-04-04	10.26000	F	0-09-08	26.01000	F	1-02-12	49.30000	F	1-08-00	80.03000	F
0-04-06	10.56000	F	0-09-10	26.48000	F	1-02-14	49.94000	F	1-08-02	80.84000	F
0-04-08	10.86000	F	0-09-12	26.95000	F	1-03-00	50.58000	F	1-08-04	81.68000	F
0-04-10	11.15000	F	0-09-14	27.42000	F	1-03-02	51.22000	F	1-08-06	82.52000	F
0-04-12	11.45000	F	0-10-00	27.89000	F	1-03-04	51.89000	F	1-08-08	83.37000	F
0-04-14	11.75000	F	0-10-02	28.36000	F	1-03-06	52.57000	F	1-08-10	84.21000	F
0-05-00	12.04000	F	0-10-04	28.86000	F	1-03-08	53.24000	F	1-08-12	85.05000	F
0-05-02	12.34000	F	0-10-06	29.37000	F	1-03-10	53.91000	F	1-08-14	85.89000	F

All values are based on 1/8 of an inch

Tank ID 035-002 Tank Type V Roof Weight API Gravity Correction
Max. Strapping Height 72-02-08 Strapped By: HMT 11/27/2012 Floating Height 0-00-00

FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
1-09-00	86.73000	F	2-02-04	126.23000	F	2-07-08	172.99000	F	3-00-12	226.90000	F
1-09-02	87.57000	F	2-02-06	127.27000	F	2-07-10	174.20000	F	3-00-14	228.26000	F
1-09-04	88.44000	F	2-02-08	128.31000	F	2-07-12	175.40000	F	3-01-00	229.62000	F
1-09-06	89.32000	F	2-02-10	129.35000	F	2-07-14	176.60000	F	3-01-02	230.99000	F
1-09-08	90.19000	F	2-02-12	130.39000	F	2-08-00	177.80000	F	3-01-04	232.38000	F
1-09-10	91.07000	F	2-02-14	131.43000	F	2-08-02	179.01000	F	3-01-06	233.78000	F
1-09-12	91.94000	F	2-03-00	132.47000	F	2-08-04	180.24000	F	3-01-08	235.17000	F
1-09-14	92.82000	F	2-03-02	133.50000	F	2-08-06	181.48000	F	3-01-10	236.57000	F
1-10-00	93.69000	F	2-03-04	134.58000	F	2-08-08	182.71000	F	3-01-12	237.97000	F
1-10-02	94.56000	F	2-03-06	135.65000	F	2-08-10	183.95000	F	3-01-14	239.36000	F
1-10-04	95.47000	F	2-03-08	136.72000	F	2-08-12	185.18000	F	3-02-00	240.76000	F
1-10-06	96.38000	F	2-03-10	137.79000	F	2-08-14	186.42000	F	3-02-02	242.15000	F
1-10-08	97.29000	F	2-03-12	138.87000	F	2-09-00	187.65000	F	3-02-04	243.58000	F
1-10-10	98.19000	F	2-03-14	139.94000	F	2-09-02	188.89000	F	3-02-06	245.01000	F
1-10-12	99.10000	F	2-04-00	141.01000	F	2-09-04	190.15000	F	3-02-08	246.44000	F
1-10-14	100.01000	F	2-04-02	142.08000	F	2-09-06	191.42000	F	3-02-10	247.86000	F
1-11-00	100.92000	F	2-04-04	143.19000	F	2-09-08	192.69000	F	3-02-12	249.29000	F
1-11-02	101.82000	F	2-04-06	144.29000	F	2-09-10	193.96000	F	3-02-14	250.72000	F
1-11-04	102.76000	F	2-04-08	145.40000	F	2-09-12	195.22000	F	3-03-00	252.15000	F
1-11-06	103.70000	F	2-04-10	146.50000	F	2-09-14	196.49000	F	3-03-02	253.58000	F
1-11-08	104.65000	F	2-04-12	147.61000	F	2-10-00	197.76000	F	3-03-04	255.03000	F
1-11-10	105.59000	F	2-04-14	148.71000	F	2-10-02	199.02000	F	3-03-06	256.49000	F
1-11-12	106.53000	F	2-05-00	149.82000	F	2-10-04	200.32000	F	3-03-08	257.95000	F
1-11-14	107.47000	F	2-05-02	150.92000	F	2-10-06	201.62000	F	3-03-10	259.41000	F
2-00-00	108.41000	F	2-05-04	152.06000	F	2-10-08	202.92000	F	3-03-12	260.87000	F
2-00-02	109.35000	F	2-05-06	153.20000	F	2-10-10	204.22000	F	3-03-14	262.33000	F
2-00-04	110.32000	F	2-05-08	154.34000	F	2-10-12	205.52000	F	3-04-00	263.79000	F
2-00-06	111.30000	F	2-05-10	155.47000	F	2-10-14	206.82000	F	3-04-02	265.25000	F
2-00-08	112.27000	F	2-05-12	156.61000	F	2-11-00	208.12000	F	3-04-04	266.74000	F
2-00-10	113.24000	F	2-05-14	157.75000	F	2-11-02	209.42000	F	3-04-06	268.23000	F
2-00-12	114.22000	F	2-06-00	158.89000	F	2-11-04	210.75000	F	3-04-08	269.73000	F
2-00-14	115.19000	F	2-06-02	160.02000	F	2-11-06	212.09000	F	3-04-10	271.22000	F
2-01-00	116.16000	F	2-06-04	161.19000	F	2-11-08	213.42000	F	3-04-12	272.71000	F
2-01-02	117.14000	F	2-06-06	162.36000	F	2-11-10	214.75000	F	3-04-14	274.20000	F
2-01-04	118.14000	F	2-06-08	163.53000	F	2-11-12	216.08000	F	3-05-00	275.69000	F
2-01-06	119.15000	F	2-06-10	164.70000	F	2-11-14	217.41000	F	3-05-02	277.18000	F
2-01-08	120.16000	F	2-06-12	165.87000	F	3-00-00	218.74000	F	3-05-04	278.71000	F
2-01-10	121.16000	F	2-06-14	167.04000	F	3-00-02	220.08000	F	3-05-06	280.23000	F
2-01-12	122.17000	F	2-07-00	168.21000	F	3-00-04	221.44000	F	3-05-08	281.75000	F
2-01-14	123.18000	F	2-07-02	169.38000	F	3-00-06	222.80000	F	3-05-10	283.28000	F
2-02-00	124.18000	F	2-07-04	170.59000	F	3-00-08	224.17000	F	3-05-12	284.80000	F
2-02-02	125.19000	F	2-07-06	171.79000	F	3-00-10	225.53000	F	3-05-14	286.32000	F

All values are based on 1/8 of an inch

Tank ID 035-002 Tank Type V Roof Weight API Gravity Correction
Max. Strapping Height 72-02-08 Strapped By: HMT 11/27/2012 Floating Height 0-00-00

FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
3-06-00	287.84000	F	3-11-04	355.78000	F	4-04-08	430.61000	F	4-09-12	512.20000	F
3-06-02	289.37000	F	3-11-06	357.49000	F	4-04-10	432.47000	F	4-09-14	514.22000	F
3-06-04	290.92000	F	3-11-08	359.20000	F	4-04-12	434.34000	F	4-10-00	516.23000	F
3-06-06	292.48000	F	3-11-10	360.91000	F	4-04-14	436.21000	F	4-10-02	518.25000	F
3-06-08	294.03000	F	3-11-12	362.63000	F	4-05-00	438.07000	F	4-10-04	520.30000	F
3-06-10	295.59000	F	3-11-14	364.34000	F	4-05-02	439.94000	F	4-10-06	522.35000	F
3-06-12	297.14000	F	4-00-00	366.05000	F	4-05-04	441.84000	F	4-10-08	524.40000	F
3-06-14	298.69000	F	4-00-02	367.76000	F	4-05-06	443.73000	F	4-10-10	526.45000	F
3-07-00	300.25000	F	4-00-04	369.50000	F	4-05-08	445.63000	F	4-10-12	528.50000	F
3-07-02	301.80000	F	4-00-06	371.24000	F	4-05-10	447.53000	F	4-10-14	530.55000	F
3-07-04	303.39000	F	4-00-08	372.99000	F	4-05-12	449.42000	F	4-11-00	532.60000	F
3-07-06	304.98000	F	4-00-10	374.73000	F	4-05-14	451.32000	F	4-11-02	534.65000	F
3-07-08	306.56000	F	4-00-12	376.47000	F	4-06-00	453.22000	F	4-11-04	536.72000	F
3-07-10	308.15000	F	4-00-14	378.21000	F	4-06-02	455.11000	F	4-11-06	538.80000	F
3-07-12	309.74000	F	4-01-00	379.96000	F	4-06-04	457.04000	F	4-11-08	540.88000	F
3-07-14	311.32000	F	4-01-02	381.70000	F	4-06-06	458.97000	F	4-11-10	542.96000	F
3-08-00	312.91000	F	4-01-04	383.47000	F	4-06-08	460.90000	F	4-11-12	545.04000	F
3-08-02	314.49000	F	4-01-06	385.25000	F	4-06-10	462.82000	F	4-11-14	547.12000	F
3-08-04	316.11000	F	4-01-08	387.02000	F	4-06-12	464.75000	F	5-00-00	549.20000	F
3-08-06	317.73000	F	4-01-10	388.79000	F	4-06-14	466.68000	F	5-00-02	551.28000	F
3-08-08	319.35000	F	4-01-12	390.57000	F	4-07-00	468.60000	F	5-00-04	553.39000	F
3-08-10	320.96000	F	4-01-14	392.34000	F	4-07-02	470.53000	F	5-00-06	555.50000	F
3-08-12	322.58000	F	4-02-00	394.12000	F	4-07-04	472.49000	F	5-00-08	557.61000	F
3-08-14	324.20000	F	4-02-02	395.89000	F	4-07-06	474.45000	F	5-00-10	559.72000	F
3-09-00	325.82000	F	4-02-04	397.69000	F	4-07-08	476.41000	F	5-00-12	561.83000	F
3-09-02	327.43000	F	4-02-06	399.50000	F	4-07-10	478.36000	F	5-00-14	563.94000	F
3-09-04	329.08000	F	4-02-08	401.30000	F	4-07-12	480.32000	F	5-01-00	566.05000	F
3-09-06	330.73000	F	4-02-10	403.11000	F	4-07-14	482.28000	F	5-01-02	568.15000	F
3-09-08	332.38000	F	4-02-12	404.91000	F	4-08-00	484.24000	F	5-01-04	570.29000	F
3-09-10	334.03000	F	4-02-14	406.72000	F	4-08-02	486.20000	F	5-01-06	572.43000	F
3-09-12	335.68000	F	4-03-00	408.52000	F	4-08-04	488.18000	F	5-01-08	574.57000	F
3-09-14	337.33000	F	4-03-02	410.33000	F	4-08-06	490.17000	F	5-01-10	576.71000	F
3-10-00	338.98000	F	4-03-04	412.16000	F	4-08-08	492.16000	F	5-01-12	578.85000	F
3-10-02	340.63000	F	4-03-06	414.00000	F	4-08-10	494.15000	F	5-01-14	580.99000	F
3-10-04	342.31000	F	4-03-08	415.83000	F	4-08-12	496.14000	F	5-02-00	583.13000	F
3-10-06	343.99000	F	4-03-10	417.67000	F	4-08-14	498.13000	F	5-02-02	585.27000	F
3-10-08	345.67000	F	4-03-12	419.50000	F	4-09-00	500.11000	F	5-02-04	587.44000	F
3-10-10	347.35000	F	4-03-14	421.34000	F	4-09-02	502.10000	F	5-02-06	589.61000	F
3-10-12	349.03000	F	4-04-00	423.17000	F	4-09-04	504.12000	F	5-02-08	591.78000	F
3-10-14	350.71000	F	4-04-02	425.01000	F	4-09-06	506.14000	F	5-02-10	593.95000	F
3-11-00	352.39000	F	4-04-04	426.88000	F	4-09-08	508.16000	F	5-02-12	596.12000	F
3-11-02	354.07000	F	4-04-06	428.74000	F	4-09-10	510.18000	F	5-02-14	598.29000	F

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID 035-002 Tank Type V Roof Weight API Gravity Correction
 Max. Strapping Height 72-02-08 Strapped By: HMT 11/27/2012 Floating Height 0-00-00

FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
5-03-00	600.46000	F	5-08-04	695.32000	F	6-01-08	796.70000	F	6-06-12	904.46000	F
5-03-02	602.62000	F	5-08-06	697.67000	F	6-01-10	799.19000	F	6-06-14	907.10000	F
5-03-04	604.82000	F	5-08-08	700.01000	F	6-01-12	801.68000	F	6-07-00	909.74000	F
5-03-06	607.02000	F	5-08-10	702.36000	F	6-01-14	804.18000	F	6-07-02	912.38000	F
5-03-08	609.22000	F	5-08-12	704.71000	F	6-02-00	806.67000	F	6-07-04	915.04000	F
5-03-10	611.42000	F	5-08-14	707.06000	F	6-02-02	809.16000	F	6-07-06	917.71000	F
5-03-12	613.62000	F	5-09-00	709.40000	F	6-02-04	811.69000	F	6-07-08	920.38000	F
5-03-14	615.82000	F	5-09-02	711.75000	F	6-02-06	814.21000	F	6-07-10	923.04000	F
5-04-00	618.02000	F	5-09-04	714.13000	F	6-02-08	816.73000	F	6-07-12	925.71000	F
5-04-02	620.22000	F	5-09-06	716.50000	F	6-02-10	819.25000	F	6-07-14	928.38000	F
5-04-04	622.45000	F	5-09-08	718.88000	F	6-02-12	821.78000	F	6-08-00	931.04000	F
5-04-06	624.68000	F	5-09-10	721.26000	F	6-02-14	824.30000	F	6-08-02	933.71000	F
5-04-08	626.91000	F	5-09-12	723.64000	F	6-03-00	826.82000	F	6-08-04	936.40000	F
5-04-10	629.13000	F	5-09-14	726.01000	F	6-03-02	829.34000	F	6-08-06	939.10000	F
5-04-12	631.36000	F	5-10-00	728.39000	F	6-03-04	831.90000	F	6-08-08	941.79000	F
5-04-14	633.59000	F	5-10-02	730.77000	F	6-03-06	834.45000	F	6-08-10	944.49000	F
5-05-00	635.82000	F	5-10-04	733.17000	F	6-03-08	837.00000	F	6-08-12	947.18000	F
5-05-02	638.05000	F	5-10-06	735.58000	F	6-03-10	839.55000	F	6-08-14	949.88000	F
5-05-04	640.31000	F	5-10-08	737.98000	F	6-03-12	842.10000	F	6-09-00	952.57000	F
5-05-06	642.57000	F	5-10-10	740.39000	F	6-03-14	844.65000	F	6-09-02	955.27000	F
5-05-08	644.83000	F	5-10-12	742.80000	F	6-04-00	847.21000	F	6-09-04	957.99000	F
5-05-10	647.09000	F	5-10-14	745.20000	F	6-04-02	849.76000	F	6-09-06	960.71000	F
5-05-12	649.34000	F	5-11-00	747.61000	F	6-04-04	852.34000	F	6-09-08	963.44000	F
5-05-14	651.60000	F	5-11-02	750.02000	F	6-04-06	854.92000	F	6-09-10	966.16000	F
5-06-00	653.86000	F	5-11-04	752.45000	F	6-04-08	857.50000	F	6-09-12	968.89000	F
5-06-02	656.12000	F	5-11-06	754.89000	F	6-04-10	860.08000	F	6-09-14	971.61000	F
5-06-04	658.41000	F	5-11-08	757.32000	F	6-04-12	862.66000	F	6-10-00	974.33000	F
5-06-06	660.70000	F	5-11-10	759.76000	F	6-04-14	865.24000	F	6-10-02	977.06000	F
5-06-08	662.99000	F	5-11-12	762.19000	F	6-05-00	867.82000	F	6-10-04	979.81000	F
5-06-10	665.27000	F	5-11-14	764.63000	F	6-05-02	870.40000	F	6-10-06	982.56000	F
5-06-12	667.56000	F	6-00-00	767.06000	F	6-05-04	873.01000	F	6-10-08	985.31000	F
5-06-14	669.85000	F	6-00-02	769.50000	F	6-05-06	875.62000	F	6-10-10	988.06000	F
5-07-00	672.14000	F	6-00-04	771.96000	F	6-05-08	878.23000	F	6-10-12	990.81000	F
5-07-02	674.43000	F	6-00-06	774.43000	F	6-05-10	880.84000	F	6-10-14	993.57000	F
5-07-04	676.75000	F	6-00-08	776.89000	F	6-05-12	883.45000	F	6-11-00	996.32000	F
5-07-06	679.06000	F	6-00-10	779.36000	F	6-05-14	886.06000	F	6-11-02	999.07000	F
5-07-08	681.38000	F	6-00-12	781.82000	F	6-06-00	888.67000	F	6-11-04	1,001.85000	F
5-07-10	683.70000	F	6-00-14	784.29000	F	6-06-02	891.27000	F	6-11-06	1,004.63000	F
5-07-12	686.02000	F	6-01-00	786.75000	F	6-06-04	893.91000	F	6-11-08	1,007.41000	F
5-07-14	688.34000	F	6-01-02	789.22000	F	6-06-06	896.55000	F	6-11-10	1,010.19000	F
5-08-00	690.65000	F	6-01-04	791.71000	F	6-06-08	899.19000	F	6-11-12	1,012.97000	F
5-08-02	692.97000	F	6-01-06	794.20000	F	6-06-10	901.83000	F	6-11-14	1,015.75000	F

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction	Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00	
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
7-00-00	1,018.53000	F	7-05-04	1,138.83000	F	7-10-08	1,265.27000	F	8-03-12	1,397.71000	F			
7-00-02	1,021.31000	F	7-05-06	1,141.78000	F	7-10-10	1,268.35000	F	8-03-14	1,400.93000	F			
7-00-04	1,024.12000	F	7-05-08	1,144.73000	F	7-10-12	1,271.44000	F	8-04-00	1,404.16000	F			
7-00-06	1,026.93000	F	7-05-10	1,147.67000	F	7-10-14	1,274.52000	F	8-04-02	1,407.38000	F			
7-00-08	1,029.73000	F	7-05-12	1,150.62000	F	7-11-00	1,277.61000	F	8-04-04	1,410.62000	F			
7-00-10	1,032.54000	F	7-05-14	1,153.57000	F	7-11-02	1,280.69000	F	8-04-06	1,413.87000	F			
7-00-12	1,035.35000	F	7-06-00	1,156.52000	F	7-11-04	1,283.81000	F	8-04-08	1,417.12000	F			
7-00-14	1,038.16000	F	7-06-02	1,159.47000	F	7-11-06	1,286.92000	F	8-04-10	1,420.37000	F			
7-01-00	1,040.97000	F	7-06-04	1,162.44000	F	7-11-08	1,290.03000	F	8-04-12	1,423.62000	F			
7-01-02	1,043.78000	F	7-06-06	1,165.42000	F	7-11-10	1,293.14000	F	8-04-14	1,426.86000	F			
7-01-04	1,046.61000	F	7-06-08	1,168.39000	F	7-11-12	1,296.26000	F	8-05-00	1,430.11000	F			
7-01-06	1,049.45000	F	7-06-10	1,171.37000	F	7-11-14	1,299.37000	F	8-05-02	1,433.36000	F			
7-01-08	1,052.28000	F	7-06-12	1,174.34000	F	8-00-00	1,302.48000	F	8-05-04	1,436.64000	F			
7-01-10	1,055.12000	F	7-06-14	1,177.32000	F	8-00-02	1,305.60000	F	8-05-06	1,439.91000	F			
7-01-12	1,057.96000	F	7-07-00	1,180.30000	F	8-00-04	1,308.74000	F	8-05-08	1,443.19000	F			
7-01-14	1,060.79000	F	7-07-02	1,183.27000	F	8-00-06	1,311.88000	F	8-05-10	1,446.46000	F			
7-02-00	1,063.63000	F	7-07-04	1,186.27000	F	8-00-08	1,315.02000	F	8-05-12	1,449.73000	F			
7-02-02	1,066.47000	F	7-07-06	1,189.28000	F	8-00-10	1,318.16000	F	8-05-14	1,453.01000	F			
7-02-04	1,069.33000	F	7-07-08	1,192.28000	F	8-00-12	1,321.30000	F	8-06-00	1,456.28000	F			
7-02-06	1,072.20000	F	7-07-10	1,195.28000	F	8-00-14	1,324.44000	F	8-06-02	1,459.56000	F			
7-02-08	1,075.06000	F	7-07-12	1,198.29000	F	8-01-00	1,327.58000	F	8-06-04	1,462.86000	F			
7-02-10	1,077.92000	F	7-07-14	1,201.29000	F	8-01-02	1,330.72000	F	8-06-06	1,466.16000	F			
7-02-12	1,080.79000	F	7-08-00	1,204.29000	F	8-01-04	1,333.88000	F	8-06-08	1,469.46000	F			
7-02-14	1,083.65000	F	7-08-02	1,207.30000	F	8-01-06	1,337.05000	F	8-06-10	1,472.77000	F			
7-03-00	1,086.52000	F	7-08-04	1,210.33000	F	8-01-08	1,340.22000	F	8-06-12	1,476.07000	F			
7-03-02	1,089.38000	F	7-08-06	1,213.36000	F	8-01-10	1,343.38000	F	8-06-14	1,479.37000	F			
7-03-04	1,092.27000	F	7-08-08	1,216.39000	F	8-01-12	1,346.55000	F	8-07-00	1,482.67000	F			
7-03-06	1,095.17000	F	7-08-10	1,219.42000	F	8-01-14	1,349.72000	F	8-07-02	1,485.97000	F			
7-03-08	1,098.06000	F	7-08-12	1,222.45000	F	8-02-00	1,352.89000	F	8-07-04	1,489.30000	F			
7-03-10	1,100.95000	F	7-08-14	1,225.48000	F	8-02-02	1,356.05000	F	8-07-06	1,492.63000	F			
7-03-12	1,103.84000	F	7-09-00	1,228.51000	F	8-02-04	1,359.25000	F	8-07-08	1,495.96000	F			
7-03-14	1,106.74000	F	7-09-02	1,231.54000	F	8-02-06	1,362.44000	F	8-07-10	1,499.28000	F			
7-04-00	1,109.63000	F	7-09-04	1,234.60000	F	8-02-08	1,365.64000	F	8-07-12	1,502.61000	F			
7-04-02	1,112.52000	F	7-09-06	1,237.66000	F	8-02-10	1,368.83000	F	8-07-14	1,505.94000	F			
7-04-04	1,115.44000	F	7-09-08	1,240.72000	F	8-02-12	1,372.02000	F	8-08-00	1,509.27000	F			
7-04-06	1,118.36000	F	7-09-10	1,243.78000	F	8-02-14	1,375.22000	F	8-08-02	1,512.60000	F			
7-04-08	1,121.28000	F	7-09-12	1,246.83000	F	8-03-00	1,378.41000	F	8-08-04	1,515.95000	F			
7-04-10	1,124.20000	F	7-09-14	1,249.89000	F	8-03-02	1,381.61000	F	8-08-06	1,519.31000	F			
7-04-12	1,127.12000	F	7-10-00	1,252.95000	F	8-03-04	1,384.83000	F	8-08-08	1,522.66000	F			
7-04-14	1,130.04000	F	7-10-02	1,256.01000	F	8-03-06	1,388.05000	F	8-08-10	1,526.02000	F			
7-05-00	1,132.96000	F	7-10-04	1,259.09000	F	8-03-08	1,391.27000	F	8-08-12	1,529.37000	F			
7-05-02	1,135.88000	F	7-10-06	1,262.18000	F	8-03-10	1,394.49000	F	8-08-14	1,532.73000	F			

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction	Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00	
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
8-09-00	1,536.08000	F	9-02-04	1,680.30000	F	9-07-08	1,830.29000	F	10-00-12	1,985.91000	F			
8-09-02	1,539.44000	F	9-02-06	1,683.82000	F	9-07-10	1,833.93000	F	10-00-14	1,989.68000	F			
8-09-04	1,542.82000	F	9-02-08	1,687.33000	F	9-07-12	1,837.57000	F	10-01-00	1,993.45000	F			
8-09-06	1,546.20000	F	9-02-10	1,690.84000	F	9-07-14	1,841.21000	F	10-01-02	1,997.22000	F			
8-09-08	1,549.58000	F	9-02-12	1,694.35000	F	9-08-00	1,844.85000	F	10-01-04	2,001.01000	F			
8-09-10	1,552.96000	F	9-02-14	1,697.87000	F	9-08-02	1,848.50000	F	10-01-06	2,004.81000	F			
8-09-12	1,556.34000	F	9-03-00	1,701.38000	F	9-08-04	1,852.16000	F	10-01-08	2,008.60000	F			
8-09-14	1,559.72000	F	9-03-02	1,704.89000	F	9-08-06	1,855.83000	F	10-01-10	2,012.40000	F			
8-10-00	1,563.10000	F	9-03-04	1,708.43000	F	9-08-08	1,859.50000	F	10-01-12	2,016.19000	F			
8-10-02	1,566.49000	F	9-03-06	1,711.97000	F	9-08-10	1,863.16000	F	10-01-14	2,019.98000	F			
8-10-04	1,569.89000	F	9-03-08	1,715.51000	F	9-08-12	1,866.83000	F	10-02-00	2,023.78000	F			
8-10-06	1,573.30000	F	9-03-10	1,719.04000	F	9-08-14	1,870.50000	F	10-02-02	2,027.57000	F			
8-10-08	1,576.71000	F	9-03-12	1,722.58000	F	9-09-00	1,874.17000	F	10-02-04	2,031.39000	F			
8-10-10	1,580.12000	F	9-03-14	1,726.12000	F	9-09-02	1,877.83000	F	10-02-06	2,035.21000	F			
8-10-12	1,583.52000	F	9-04-00	1,729.66000	F	9-09-04	1,881.53000	F	10-02-08	2,039.03000	F			
8-10-14	1,586.93000	F	9-04-02	1,733.20000	F	9-09-06	1,885.22000	F	10-02-10	2,042.85000	F			
8-11-00	1,590.34000	F	9-04-04	1,736.76000	F	9-09-08	1,888.91000	F	10-02-12	2,046.67000	F			
8-11-02	1,593.75000	F	9-04-06	1,740.33000	F	9-09-10	1,892.60000	F	10-02-14	2,050.49000	F			
8-11-04	1,597.18000	F	9-04-08	1,743.89000	F	9-09-12	1,896.30000	F	10-03-00	2,054.31000	F			
8-11-06	1,600.61000	F	9-04-10	1,747.46000	F	9-09-14	1,899.99000	F	10-03-02	2,058.12000	F			
8-11-08	1,604.05000	F	9-04-12	1,751.02000	F	9-10-00	1,903.68000	F	10-03-04	2,061.97000	F			
8-11-10	1,607.48000	F	9-04-14	1,754.58000	F	9-10-02	1,907.38000	F	10-03-06	2,065.81000	F			
8-11-12	1,610.92000	F	9-05-00	1,758.15000	F	9-10-04	1,911.09000	F	10-03-08	2,069.66000	F			
8-11-14	1,614.35000	F	9-05-02	1,761.71000	F	9-10-06	1,914.81000	F	10-03-10	2,073.50000	F			
9-00-00	1,617.78000	F	9-05-04	1,765.30000	F	9-10-08	1,918.53000	F	10-03-12	2,077.34000	F			
9-00-02	1,621.22000	F	9-05-06	1,768.89000	F	9-10-10	1,922.25000	F	10-03-14	2,081.19000	F			
9-00-04	1,624.68000	F	9-05-08	1,772.48000	F	9-10-12	1,925.97000	F	10-04-00	2,085.03000	F			
9-00-06	1,628.14000	F	9-05-10	1,776.07000	F	9-10-14	1,929.68000	F	10-04-02	2,088.88000	F			
9-00-08	1,631.60000	F	9-05-12	1,779.66000	F	9-11-00	1,933.40000	F	10-04-04	2,092.75000	F			
9-00-10	1,635.06000	F	9-05-14	1,783.25000	F	9-11-02	1,937.12000	F	10-04-06	2,096.61000	F			
9-00-12	1,638.52000	F	9-06-00	1,786.84000	F	9-11-04	1,940.86000	F	10-04-08	2,100.48000	F			
9-00-14	1,641.98000	F	9-06-02	1,790.43000	F	9-11-06	1,944.61000	F	10-04-10	2,104.35000	F			
9-01-00	1,645.44000	F	9-06-04	1,794.05000	F	9-11-08	1,948.35000	F	10-04-12	2,108.22000	F			
9-01-02	1,648.90000	F	9-06-06	1,797.67000	F	9-11-10	1,952.10000	F	10-04-14	2,112.09000	F			
9-01-04	1,652.39000	F	9-06-08	1,801.28000	F	9-11-12	1,955.84000	F	10-05-00	2,115.96000	F			
9-01-06	1,655.87000	F	9-06-10	1,804.90000	F	9-11-14	1,959.58000	F	10-05-02	2,119.83000	F			
9-01-08	1,659.36000	F	9-06-12	1,808.51000	F	10-00-00	1,963.33000	F	10-05-04	2,123.72000	F			
9-01-10	1,662.85000	F	9-06-14	1,812.13000	F	10-00-02	1,967.07000	F	10-05-06	2,127.62000	F			
9-01-12	1,666.33000	F	9-07-00	1,815.75000	F	10-00-04	1,970.84000	F	10-05-08	2,131.51000	F			
9-01-14	1,669.82000	F	9-07-02	1,819.36000	F	10-00-06	1,974.61000	F	10-05-10	2,135.40000	F			
9-02-00	1,673.30000	F	9-07-04	1,823.00000	F	10-00-08	1,978.38000	F	10-05-12	2,139.30000	F			
9-02-02	1,676.79000	F	9-07-06	1,826.65000	F	10-00-10	1,982.14000	F	10-05-14	2,143.19000	F			

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction	Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00	
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
10-06-00	2,147.08000	F	10-11-04	2,313.73000	F	11-04-08	2,485.76000	F	11-09-12	2,663.05000	F			
10-06-02	2,150.98000	F	10-11-06	2,317.77000	F	11-04-10	2,489.92000	F	11-09-14	2,667.33000	F			
10-06-04	2,154.90000	F	10-11-08	2,321.81000	F	11-04-12	2,494.08000	F	11-10-00	2,671.61000	F			
10-06-06	2,158.82000	F	10-11-10	2,325.85000	F	11-04-14	2,498.24000	F	11-10-02	2,675.89000	F			
10-06-08	2,162.73000	F	10-11-12	2,329.89000	F	11-05-00	2,502.40000	F	11-10-04	2,680.19000	F			
10-06-10	2,166.65000	F	10-11-14	2,333.94000	F	11-05-02	2,506.57000	F	11-10-06	2,684.50000	F			
10-06-12	2,170.57000	F	11-00-00	2,337.98000	F	11-05-04	2,510.75000	F	11-10-08	2,688.80000	F			
10-06-14	2,174.49000	F	11-00-02	2,342.02000	F	11-05-06	2,514.94000	F	11-10-10	2,693.10000	F			
10-07-00	2,178.41000	F	11-00-04	2,346.08000	F	11-05-08	2,519.12000	F	11-10-12	2,697.41000	F			
10-07-02	2,182.33000	F	11-00-06	2,350.15000	F	11-05-10	2,523.31000	F	11-10-14	2,701.71000	F			
10-07-04	2,186.27000	F	11-00-08	2,354.21000	F	11-05-12	2,527.49000	F	11-11-00	2,706.02000	F			
10-07-06	2,190.21000	F	11-00-10	2,358.28000	F	11-05-14	2,531.68000	F	11-11-02	2,710.32000	F			
10-07-08	2,194.16000	F	11-00-12	2,362.35000	F	11-06-00	2,535.86000	F	11-11-04	2,714.65000	F			
10-07-10	2,198.10000	F	11-00-14	2,366.41000	F	11-06-02	2,540.05000	F	11-11-06	2,718.97000	F			
10-07-12	2,202.04000	F	11-01-00	2,370.48000	F	11-06-04	2,544.26000	F	11-11-08	2,723.30000	F			
10-07-14	2,205.99000	F	11-01-02	2,374.54000	F	11-06-06	2,548.47000	F	11-11-10	2,727.63000	F			
10-08-00	2,209.93000	F	11-01-04	2,378.63000	F	11-06-08	2,552.68000	F	11-11-12	2,731.96000	F			
10-08-02	2,213.87000	F	11-01-06	2,382.72000	F	11-06-10	2,556.89000	F	11-11-14	2,736.28000	F			
10-08-04	2,217.84000	F	11-01-08	2,386.81000	F	11-06-12	2,561.10000	F	12-00-00	2,740.61000	F			
10-08-06	2,221.81000	F	11-01-10	2,390.90000	F	11-06-14	2,565.31000	F	12-00-02	2,744.94000	F			
10-08-08	2,225.78000	F	11-01-12	2,394.99000	F	11-07-00	2,569.52000	F	12-00-04	2,749.29000	F			
10-08-10	2,229.74000	F	11-01-14	2,399.08000	F	11-07-02	2,573.73000	F	12-00-06	2,753.64000	F			
10-08-12	2,233.71000	F	11-02-00	2,403.17000	F	11-07-04	2,577.96000	F	12-00-08	2,757.99000	F			
10-08-14	2,237.68000	F	11-02-02	2,407.26000	F	11-07-06	2,582.19000	F	12-00-10	2,762.34000	F			
10-09-00	2,241.65000	F	11-02-04	2,411.37000	F	11-07-08	2,586.43000	F	12-00-12	2,766.69000	F			
10-09-02	2,245.62000	F	11-02-06	2,415.49000	F	11-07-10	2,590.66000	F	12-00-14	2,771.04000	F			
10-09-04	2,249.61000	F	11-02-08	2,419.60000	F	11-07-12	2,594.89000	F	12-01-00	2,775.39000	F			
10-09-06	2,253.60000	F	11-02-10	2,423.71000	F	11-07-14	2,599.12000	F	12-01-02	2,779.74000	F			
10-09-08	2,257.59000	F	11-02-12	2,427.83000	F	11-08-00	2,603.36000	F	12-01-04	2,784.12000	F			
10-09-10	2,261.58000	F	11-02-14	2,431.94000	F	11-08-02	2,607.59000	F	12-01-06	2,788.49000	F			
10-09-12	2,265.58000	F	11-03-00	2,436.06000	F	11-08-04	2,611.85000	F	12-01-08	2,792.86000	F			
10-09-14	2,269.57000	F	11-03-02	2,440.17000	F	11-08-06	2,616.10000	F	12-01-10	2,797.24000	F			
10-10-00	2,273.56000	F	11-03-04	2,444.31000	F	11-08-08	2,620.36000	F	12-01-12	2,801.61000	F			
10-10-02	2,277.55000	F	11-03-06	2,448.44000	F	11-08-10	2,624.62000	F	12-01-14	2,805.98000	F			
10-10-04	2,281.57000	F	11-03-08	2,452.58000	F	11-08-12	2,628.88000	F	12-02-00	2,810.36000	F			
10-10-06	2,285.59000	F	11-03-10	2,456.72000	F	11-08-14	2,633.13000	F	12-02-02	2,814.73000	F			
10-10-08	2,289.60000	F	11-03-12	2,460.86000	F	11-09-00	2,637.39000	F	12-02-04	2,819.13000	F			
10-10-10	2,293.62000	F	11-03-14	2,465.00000	F	11-09-02	2,641.65000	F	12-02-06	2,823.53000	F			
10-10-12	2,297.64000	F	11-04-00	2,469.13000	F	11-09-04	2,645.93000	F	12-02-08	2,827.92000	F			
10-10-14	2,301.66000	F	11-04-02	2,473.27000	F	11-09-06	2,650.21000	F	12-02-10	2,832.32000	F			
10-11-00	2,305.67000	F	11-04-04	2,477.43000	F	11-09-08	2,654.49000	F	12-02-12	2,836.72000	F			
10-11-02	2,309.69000	F	11-04-06	2,481.59000	F	11-09-10	2,658.77000	F	12-02-14	2,841.11000	F			

All values are based on 1/8 of an inch

Tank ID 035-002 Tank Type V Roof Weight API Gravity Correction
Max. Strapping Height 72-02-08 Strapped By: HMT 11/27/2012 Floating Height 0-00-00

FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
12-03-00	2,845.51000	F	12-08-04	3,033.08000	F	13-01-08	3,225.65000	F	13-06-12	3,423.12000	F
12-03-02	2,849.91000	F	12-08-06	3,037.61000	F	13-01-10	3,230.30000	F	13-06-14	3,427.88000	F
12-03-04	2,854.33000	F	12-08-08	3,042.15000	F	13-01-12	3,234.95000	F	13-07-00	3,432.63000	F
12-03-06	2,858.75000	F	12-08-10	3,046.68000	F	13-01-14	3,239.59000	F	13-07-02	3,437.39000	F
12-03-08	2,863.17000	F	12-08-12	3,051.21000	F	13-02-00	3,244.24000	F	13-07-04	3,442.17000	F
12-03-10	2,867.59000	F	12-08-14	3,055.75000	F	13-02-02	3,248.89000	F	13-07-06	3,446.94000	F
12-03-12	2,872.01000	F	12-09-00	3,060.28000	F	13-02-04	3,253.55000	F	13-07-08	3,451.72000	F
12-03-14	2,876.43000	F	12-09-02	3,064.82000	F	13-02-06	3,258.22000	F	13-07-10	3,456.50000	F
12-04-00	2,880.85000	F	12-09-04	3,069.37000	F	13-02-08	3,262.89000	F	13-07-12	3,461.28000	F
12-04-02	2,885.27000	F	12-09-06	3,073.93000	F	13-02-10	3,267.56000	F	13-07-14	3,466.06000	F
12-04-04	2,889.71000	F	12-09-08	3,078.49000	F	13-02-12	3,272.23000	F	13-08-00	3,470.84000	F
12-04-06	2,894.15000	F	12-09-10	3,083.04000	F	13-02-14	3,276.90000	F	13-08-02	3,475.61000	F
12-04-08	2,898.60000	F	12-09-12	3,087.60000	F	13-03-00	3,281.57000	F	13-08-04	3,480.41000	F
12-04-10	2,903.04000	F	12-09-14	3,092.16000	F	13-03-02	3,286.23000	F	13-08-06	3,485.21000	F
12-04-12	2,907.48000	F	12-10-00	3,096.71000	F	13-03-04	3,290.93000	F	13-08-08	3,490.01000	F
12-04-14	2,911.93000	F	12-10-02	3,101.27000	F	13-03-06	3,295.62000	F	13-08-10	3,494.81000	F
12-05-00	2,916.37000	F	12-10-04	3,105.85000	F	13-03-08	3,300.31000	F	13-08-12	3,499.61000	F
12-05-02	2,920.81000	F	12-10-06	3,110.43000	F	13-03-10	3,305.00000	F	13-08-14	3,504.41000	F
12-05-04	2,925.28000	F	12-10-08	3,115.01000	F	13-03-12	3,309.69000	F	13-09-00	3,509.21000	F
12-05-06	2,929.74000	F	12-10-10	3,119.59000	F	13-03-14	3,314.38000	F	13-09-02	3,514.01000	F
12-05-08	2,934.21000	F	12-10-12	3,124.17000	F	13-04-00	3,319.07000	F	13-09-04	3,518.83000	F
12-05-10	2,938.68000	F	12-10-14	3,128.75000	F	13-04-02	3,323.76000	F	13-09-06	3,523.65000	F
12-05-12	2,943.14000	F	12-11-00	3,133.33000	F	13-04-04	3,328.47000	F	13-09-08	3,528.48000	F
12-05-14	2,947.61000	F	12-11-02	3,137.91000	F	13-04-06	3,333.18000	F	13-09-10	3,533.30000	F
12-06-00	2,952.07000	F	12-11-04	3,142.51000	F	13-04-08	3,337.90000	F	13-09-12	3,538.12000	F
12-06-02	2,956.54000	F	12-11-06	3,147.11000	F	13-04-10	3,342.61000	F	13-09-14	3,542.94000	F
12-06-04	2,961.03000	F	12-11-08	3,151.71000	F	13-04-12	3,347.32000	F	13-10-00	3,547.76000	F
12-06-06	2,965.52000	F	12-11-10	3,156.31000	F	13-04-14	3,352.03000	F	13-10-02	3,552.58000	F
12-06-08	2,970.01000	F	12-11-12	3,160.92000	F	13-05-00	3,356.75000	F	13-10-04	3,557.43000	F
12-06-10	2,974.50000	F	12-11-14	3,165.52000	F	13-05-02	3,361.46000	F	13-10-06	3,562.27000	F
12-06-12	2,978.98000	F	13-00-00	3,170.12000	F	13-05-04	3,366.19000	F	13-10-08	3,567.11000	F
12-06-14	2,983.47000	F	13-00-02	3,174.72000	F	13-05-06	3,370.93000	F	13-10-10	3,571.96000	F
12-07-00	2,987.96000	F	13-00-04	3,179.35000	F	13-05-08	3,375.66000	F	13-10-12	3,576.80000	F
12-07-02	2,992.45000	F	13-00-06	3,183.97000	F	13-05-10	3,380.40000	F	13-10-14	3,581.64000	F
12-07-04	2,996.96000	F	13-00-08	3,188.59000	F	13-05-12	3,385.13000	F	13-11-00	3,586.48000	F
12-07-06	3,001.47000	F	13-00-10	3,193.22000	F	13-05-14	3,389.87000	F	13-11-02	3,591.33000	F
12-07-08	3,005.99000	F	13-00-12	3,197.84000	F	13-06-00	3,394.60000	F	13-11-04	3,596.19000	F
12-07-10	3,010.50000	F	13-00-14	3,202.47000	F	13-06-02	3,399.34000	F	13-11-06	3,601.06000	F
12-07-12	3,015.01000	F	13-01-00	3,207.09000	F	13-06-04	3,404.09000	F	13-11-08	3,605.92000	F
12-07-14	3,019.52000	F	13-01-02	3,211.71000	F	13-06-06	3,408.85000	F	13-11-10	3,610.78000	F
12-08-00	3,024.03000	F	13-01-04	3,216.36000	F	13-06-08	3,413.61000	F	13-11-12	3,615.65000	F
12-08-02	3,028.54000	F	13-01-06	3,221.01000	F	13-06-10	3,418.36000	F	13-11-14	3,620.51000	F

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction	Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00	
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
14-00-00	3,625.38000	F	14-05-04	3,832.36000	F	14-10-08	4,043.97000	F	15-03-12	4,260.10000	F			
14-00-02	3,630.24000	F	14-05-06	3,837.35000	F	14-10-10	4,049.07000	F	15-03-14	4,265.30000	F			
14-00-04	3,635.13000	F	14-05-08	3,842.34000	F	14-10-12	4,054.16000	F	15-04-00	4,270.49000	F			
14-00-06	3,640.01000	F	14-05-10	3,847.33000	F	14-10-14	4,059.26000	F	15-04-02	4,275.69000	F			
14-00-08	3,644.90000	F	14-05-12	3,852.33000	F	14-11-00	4,064.35000	F	15-04-04	4,280.91000	F			
14-00-10	3,649.79000	F	14-05-14	3,857.32000	F	14-11-02	4,069.45000	F	15-04-06	4,286.12000	F			
14-00-12	3,654.67000	F	14-06-00	3,862.31000	F	14-11-04	4,074.56000	F	15-04-08	4,291.34000	F			
14-00-14	3,659.56000	F	14-06-02	3,867.30000	F	14-11-06	4,079.68000	F	15-04-10	4,296.56000	F			
14-01-00	3,664.44000	F	14-06-04	3,872.31000	F	14-11-08	4,084.79000	F	15-04-12	4,301.77000	F			
14-01-02	3,669.33000	F	14-06-06	3,877.32000	F	14-11-10	4,089.91000	F	15-04-14	4,306.99000	F			
14-01-04	3,674.24000	F	14-06-08	3,882.34000	F	14-11-12	4,095.02000	F	15-05-00	4,312.21000	F			
14-01-06	3,679.14000	F	14-06-10	3,887.35000	F	14-11-14	4,100.14000	F	15-05-02	4,317.42000	F			
14-01-08	3,684.05000	F	14-06-12	3,892.36000	F	15-00-00	4,105.26000	F	15-05-04	4,322.66000	F			
14-01-10	3,688.96000	F	14-06-14	3,897.37000	F	15-00-02	4,110.37000	F	15-05-06	4,327.90000	F			
14-01-12	3,693.86000	F	14-07-00	3,902.39000	F	15-00-04	4,115.51000	F	15-05-08	4,333.13000	F			
14-01-14	3,698.77000	F	14-07-02	3,907.40000	F	15-00-06	4,120.64000	F	15-05-10	4,338.37000	F			
14-02-00	3,703.68000	F	14-07-04	3,912.43000	F	15-00-08	4,125.78000	F	15-05-12	4,343.61000	F			
14-02-02	3,708.58000	F	14-07-06	3,917.46000	F	15-00-10	4,130.91000	F	15-05-14	4,348.84000	F			
14-02-04	3,713.51000	F	14-07-08	3,922.50000	F	15-00-12	4,136.05000	F	15-06-00	4,354.08000	F			
14-02-06	3,718.44000	F	14-07-10	3,927.53000	F	15-00-14	4,141.19000	F	15-06-02	4,359.32000	F			
14-02-08	3,723.37000	F	14-07-12	3,932.56000	F	15-01-00	4,146.32000	F	15-06-04	4,364.57000	F			
14-02-10	3,728.30000	F	14-07-14	3,937.60000	F	15-01-02	4,151.46000	F	15-06-06	4,369.83000	F			
14-02-12	3,733.23000	F	14-08-00	3,942.63000	F	15-01-04	4,156.61000	F	15-06-08	4,375.09000	F			
14-02-14	3,738.15000	F	14-08-02	3,947.66000	F	15-01-06	4,161.77000	F	15-06-10	4,380.34000	F			
14-03-00	3,743.08000	F	14-08-04	3,952.72000	F	15-01-08	4,166.93000	F	15-06-12	4,385.60000	F			
14-03-02	3,748.01000	F	14-08-06	3,957.77000	F	15-01-10	4,172.08000	F	15-06-14	4,390.86000	F			
14-03-04	3,752.96000	F	14-08-08	3,962.82000	F	15-01-12	4,177.24000	F	15-07-00	4,396.11000	F			
14-03-06	3,757.91000	F	14-08-10	3,967.88000	F	15-01-14	4,182.39000	F	15-07-02	4,401.37000	F			
14-03-08	3,762.86000	F	14-08-12	3,972.93000	F	15-02-00	4,187.55000	F	15-07-04	4,406.65000	F			
14-03-10	3,767.81000	F	14-08-14	3,977.98000	F	15-02-02	4,192.71000	F	15-07-06	4,411.92000	F			
14-03-12	3,772.76000	F	14-09-00	3,983.04000	F	15-02-04	4,197.88000	F	15-07-08	4,417.20000	F			
14-03-14	3,777.71000	F	14-09-02	3,988.09000	F	15-02-06	4,203.06000	F	15-07-10	4,422.47000	F			
14-04-00	3,782.66000	F	14-09-04	3,993.17000	F	15-02-08	4,208.24000	F	15-07-12	4,427.75000	F			
14-04-02	3,787.61000	F	14-09-06	3,998.24000	F	15-02-10	4,213.41000	F	15-07-14	4,433.03000	F			
14-04-04	3,792.58000	F	14-09-08	4,003.32000	F	15-02-12	4,218.59000	F	15-08-00	4,438.30000	F			
14-04-06	3,797.55000	F	14-09-10	4,008.39000	F	15-02-14	4,223.76000	F	15-08-02	4,443.58000	F			
14-04-08	3,802.52000	F	14-09-12	4,013.46000	F	15-03-00	4,228.94000	F	15-08-04	4,448.88000	F			
14-04-10	3,807.49000	F	14-09-14	4,018.54000	F	15-03-02	4,234.12000	F	15-08-06	4,454.17000	F			
14-04-12	3,812.46000	F	14-10-00	4,023.61000	F	15-03-04	4,239.31000	F	15-08-08	4,459.47000	F			
14-04-14	3,817.43000	F	14-10-02	4,028.69000	F	15-03-06	4,244.51000	F	15-08-10	4,464.76000	F			
14-05-00	3,822.40000	F	14-10-04	4,033.78000	F	15-03-08	4,249.71000	F	15-08-12	4,470.06000	F			
14-05-02	3,827.37000	F	14-10-06	4,038.88000	F	15-03-10	4,254.90000	F	15-08-14	4,475.36000	F			

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction	Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00	
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
15-09-00	4,480.65000	F	16-02-04	4,705.55000	F	16-07-08	4,934.70000	F	17-00-12	5,167.99000	F			
15-09-02	4,485.95000	F	16-02-06	4,710.97000	F	16-07-10	4,940.21000	F	17-00-14	5,173.59000	F			
15-09-04	4,491.27000	F	16-02-08	4,716.38000	F	16-07-12	4,945.72000	F	17-01-00	5,179.19000	F			
15-09-06	4,496.58000	F	16-02-10	4,721.79000	F	16-07-14	4,951.23000	F	17-01-02	5,184.79000	F			
15-09-08	4,501.90000	F	16-02-12	4,727.20000	F	16-08-00	4,956.73000	F	17-01-04	5,190.41000	F			
15-09-10	4,507.21000	F	16-02-14	4,732.62000	F	16-08-02	4,962.24000	F	17-01-06	5,196.03000	F			
15-09-12	4,512.53000	F	16-03-00	4,738.03000	F	16-08-04	4,967.77000	F	17-01-08	5,201.65000	F			
15-09-14	4,517.84000	F	16-03-02	4,743.44000	F	16-08-06	4,973.29000	F	17-01-10	5,207.27000	F			
15-10-00	4,523.16000	F	16-03-04	4,748.87000	F	16-08-08	4,978.82000	F	17-01-12	5,212.89000	F			
15-10-02	4,528.48000	F	16-03-06	4,754.31000	F	16-08-10	4,984.35000	F	17-01-14	5,218.51000	F			
15-10-04	4,533.81000	F	16-03-08	4,759.74000	F	16-08-12	4,989.87000	F	17-02-00	5,224.13000	F			
15-10-06	4,539.15000	F	16-03-10	4,765.17000	F	16-08-14	4,995.40000	F	17-02-02	5,229.74000	F			
15-10-08	4,544.48000	F	16-03-12	4,770.60000	F	16-09-00	5,000.93000	F	17-02-04	5,235.38000	F			
15-10-10	4,549.82000	F	16-03-14	4,776.03000	F	16-09-02	5,006.45000	F	17-02-06	5,241.02000	F			
15-10-12	4,555.15000	F	16-04-00	4,781.47000	F	16-09-04	5,012.00000	F	17-02-08	5,246.66000	F			
15-10-14	4,560.49000	F	16-04-02	4,786.90000	F	16-09-06	5,017.54000	F	17-02-10	5,252.29000	F			
15-11-00	4,565.82000	F	16-04-04	4,792.35000	F	16-09-08	5,023.09000	F	17-02-12	5,257.93000	F			
15-11-02	4,571.16000	F	16-04-06	4,797.80000	F	16-09-10	5,028.63000	F	17-02-14	5,263.57000	F			
15-11-04	4,576.51000	F	16-04-08	4,803.25000	F	16-09-12	5,034.18000	F	17-03-00	5,269.21000	F			
15-11-06	4,581.87000	F	16-04-10	4,808.70000	F	16-09-14	5,039.72000	F	17-03-02	5,274.84000	F			
15-11-08	4,587.22000	F	16-04-12	4,814.15000	F	16-10-00	5,045.27000	F	17-03-04	5,280.50000	F			
15-11-10	4,592.58000	F	16-04-14	4,819.60000	F	16-10-02	5,050.82000	F	17-03-06	5,286.16000	F			
15-11-12	4,597.93000	F	16-05-00	4,825.06000	F	16-10-04	5,056.38000	F	17-03-08	5,291.81000	F			
15-11-14	4,603.29000	F	16-05-02	4,830.51000	F	16-10-06	5,061.94000	F	17-03-10	5,297.47000	F			
16-00-00	4,608.64000	F	16-05-04	4,835.98000	F	16-10-08	5,067.51000	F	17-03-12	5,303.12000	F			
16-00-02	4,614.00000	F	16-05-06	4,841.45000	F	16-10-10	5,073.07000	F	17-03-14	5,308.78000	F			
16-00-04	4,619.37000	F	16-05-08	4,846.92000	F	16-10-12	5,078.63000	F	17-04-00	5,314.43000	F			
16-00-06	4,624.75000	F	16-05-10	4,852.39000	F	16-10-14	5,084.20000	F	17-04-02	5,320.09000	F			
16-00-08	4,630.12000	F	16-05-12	4,857.86000	F	16-11-00	5,089.76000	F	17-04-04	5,325.76000	F			
16-00-10	4,635.49000	F	16-05-14	4,863.33000	F	16-11-02	5,095.33000	F	17-04-06	5,331.44000	F			
16-00-12	4,640.87000	F	16-06-00	4,868.80000	F	16-11-04	5,100.91000	F	17-04-08	5,337.11000	F			
16-00-14	4,646.24000	F	16-06-02	4,874.27000	F	16-11-06	5,106.49000	F	17-04-10	5,342.78000	F			
16-01-00	4,651.62000	F	16-06-04	4,879.76000	F	16-11-08	5,112.07000	F	17-04-12	5,348.46000	F			
16-01-02	4,656.99000	F	16-06-06	4,885.24000	F	16-11-10	5,117.66000	F	17-04-14	5,354.13000	F			
16-01-04	4,662.38000	F	16-06-08	4,890.73000	F	16-11-12	5,123.24000	F	17-05-00	5,359.81000	F			
16-01-06	4,667.78000	F	16-06-10	4,896.22000	F	16-11-14	5,128.82000	F	17-05-02	5,365.48000	F			
16-01-08	4,673.17000	F	16-06-12	4,901.71000	F	17-00-00	5,134.40000	F	17-05-04	5,371.17000	F			
16-01-10	4,678.57000	F	16-06-14	4,907.20000	F	17-00-02	5,139.98000	F	17-05-06	5,376.86000	F			
16-01-12	4,683.96000	F	16-07-00	4,912.69000	F	17-00-04	5,145.59000	F	17-05-08	5,382.55000	F			
16-01-14	4,689.35000	F	16-07-02	4,918.18000	F	17-00-06	5,151.19000	F	17-05-10	5,388.25000	F			
16-02-00	4,694.75000	F	16-07-04	4,923.69000	F	17-00-08	5,156.79000	F	17-05-12	5,393.94000	F			
16-02-02	4,700.14000	F	16-07-06	4,929.19000	F	17-00-10	5,162.39000	F	17-05-14	5,399.63000	F			

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction	Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00	
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
17-06-00	5,405.32000	F	17-11-04	5,646.63000	F	18-04-08	5,891.81000	F	18-09-12	6,140.76000	F			
17-06-02	5,411.01000	F	17-11-06	5,652.42000	F	18-04-10	5,897.69000	F	18-09-14	6,146.73000	F			
17-06-04	5,416.72000	F	17-11-08	5,658.22000	F	18-04-12	5,903.58000	F	18-10-00	6,152.70000	F			
17-06-06	5,422.43000	F	17-11-10	5,664.02000	F	18-04-14	5,909.46000	F	18-10-02	6,158.66000	F			
17-06-08	5,428.14000	F	17-11-12	5,669.82000	F	18-05-00	5,915.35000	F	18-10-04	6,164.65000	F			
17-06-10	5,433.85000	F	17-11-14	5,675.62000	F	18-05-02	5,921.23000	F	18-10-06	6,170.64000	F			
17-06-12	5,439.56000	F	18-00-00	5,681.42000	F	18-05-04	5,927.14000	F	18-10-08	6,176.62000	F			
17-06-14	5,445.27000	F	18-00-02	5,687.22000	F	18-05-06	5,933.04000	F	18-10-10	6,182.61000	F			
17-07-00	5,450.98000	F	18-00-04	5,693.03000	F	18-05-08	5,938.94000	F	18-10-12	6,188.59000	F			
17-07-02	5,456.69000	F	18-00-06	5,698.85000	F	18-05-10	5,944.84000	F	18-10-14	6,194.58000	F			
17-07-04	5,462.42000	F	18-00-08	5,704.66000	F	18-05-12	5,950.74000	F	18-11-00	6,200.57000	F			
17-07-06	5,468.15000	F	18-00-10	5,710.48000	F	18-05-14	5,956.65000	F	18-11-02	6,206.55000	F			
17-07-08	5,473.87000	F	18-00-12	5,716.29000	F	18-06-00	5,962.55000	F	18-11-04	6,212.56000	F			
17-07-10	5,479.60000	F	18-00-14	5,722.11000	F	18-06-02	5,968.45000	F	18-11-06	6,218.56000	F			
17-07-12	5,485.33000	F	18-01-00	5,727.93000	F	18-06-04	5,974.37000	F	18-11-08	6,224.56000	F			
17-07-14	5,491.06000	F	18-01-02	5,733.74000	F	18-06-06	5,980.29000	F	18-11-10	6,230.56000	F			
17-08-00	5,496.79000	F	18-01-04	5,739.57000	F	18-06-08	5,986.21000	F	18-11-12	6,236.57000	F			
17-08-02	5,502.51000	F	18-01-06	5,745.41000	F	18-06-10	5,992.13000	F	18-11-14	6,242.57000	F			
17-08-04	5,508.26000	F	18-01-08	5,751.24000	F	18-06-12	5,998.05000	F	19-00-00	6,248.57000	F			
17-08-06	5,514.00000	F	18-01-10	5,757.07000	F	18-06-14	6,003.96000	F	19-00-02	6,254.57000	F			
17-08-08	5,519.75000	F	18-01-12	5,762.91000	F	18-07-00	6,009.88000	F	19-00-04	6,260.59000	F			
17-08-10	5,525.49000	F	18-01-14	5,768.74000	F	18-07-02	6,015.80000	F	19-00-06	6,266.61000	F			
17-08-12	5,531.24000	F	18-02-00	5,774.57000	F	18-07-04	6,021.74000	F	19-00-08	6,272.63000	F			
17-08-14	5,536.99000	F	18-02-02	5,780.41000	F	18-07-06	6,027.67000	F	19-00-10	6,278.65000	F			
17-09-00	5,542.73000	F	18-02-04	5,786.26000	F	18-07-08	6,033.61000	F	19-00-12	6,284.67000	F			
17-09-02	5,548.48000	F	18-02-06	5,792.11000	F	18-07-10	6,039.55000	F	19-00-14	6,290.69000	F			
17-09-04	5,554.24000	F	18-02-08	5,797.96000	F	18-07-12	6,045.48000	F	19-01-00	6,296.71000	F			
17-09-06	5,560.00000	F	18-02-10	5,803.81000	F	18-07-14	6,051.42000	F	19-01-02	6,302.73000	F			
17-09-08	5,565.77000	F	18-02-12	5,809.66000	F	18-08-00	6,057.35000	F	19-01-04	6,308.76000	F			
17-09-10	5,571.53000	F	18-02-14	5,815.51000	F	18-08-02	6,063.29000	F	19-01-06	6,314.80000	F			
17-09-12	5,577.29000	F	18-03-00	5,821.36000	F	18-08-04	6,069.24000	F	19-01-08	6,320.83000	F			
17-09-14	5,583.06000	F	18-03-02	5,827.21000	F	18-08-06	6,075.19000	F	19-01-10	6,326.87000	F			
17-10-00	5,588.82000	F	18-03-04	5,833.08000	F	18-08-08	6,081.15000	F	19-01-12	6,332.90000	F			
17-10-02	5,594.58000	F	18-03-06	5,838.95000	F	18-08-10	6,087.10000	F	19-01-14	6,338.94000	F			
17-10-04	5,600.36000	F	18-03-08	5,844.82000	F	18-08-12	6,093.05000	F	19-02-00	6,344.97000	F			
17-10-06	5,606.14000	F	18-03-10	5,850.68000	F	18-08-14	6,099.00000	F	19-02-02	6,351.01000	F			
17-10-08	5,611.92000	F	18-03-12	5,856.55000	F	18-09-00	6,104.96000	F	19-02-04	6,357.06000	F			
17-10-10	5,617.70000	F	18-03-14	5,862.42000	F	18-09-02	6,110.91000	F	19-02-06	6,363.11000	F			
17-10-12	5,623.49000	F	18-04-00	5,868.29000	F	18-09-04	6,116.88000	F	19-02-08	6,369.16000	F			
17-10-14	5,629.27000	F	18-04-02	5,874.15000	F	18-09-06	6,122.85000	F	19-02-10	6,375.22000	F			
17-11-00	5,635.05000	F	18-04-04	5,880.04000	F	18-09-08	6,128.82000	F	19-02-12	6,381.27000	F			
17-11-02	5,640.83000	F	18-04-06	5,885.92000	F	18-09-10	6,134.79000	F	19-02-14	6,387.32000	F			

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction	Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00	
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
19-03-00	6,393.37000	F	19-08-04	6,649.58000	F	20-01-08	6,909.28000	F	20-06-12	7,172.38000	F			
19-03-02	6,399.42000	F	19-08-06	6,655.73000	F	20-01-10	6,915.51000	F	20-06-14	7,178.68000	F			
19-03-04	6,405.49000	F	19-08-08	6,661.87000	F	20-01-12	6,921.73000	F	20-07-00	7,184.98000	F			
19-03-06	6,411.56000	F	19-08-10	6,668.02000	F	20-01-14	6,927.96000	F	20-07-02	7,191.28000	F			
19-03-08	6,417.63000	F	19-08-12	6,674.17000	F	20-02-00	6,934.19000	F	20-07-04	7,197.60000	F			
19-03-10	6,423.70000	F	19-08-14	6,680.32000	F	20-02-02	6,940.41000	F	20-07-06	7,203.92000	F			
19-03-12	6,429.76000	F	19-09-00	6,686.47000	F	20-02-04	6,946.65000	F	20-07-08	7,210.23000	F			
19-03-14	6,435.83000	F	19-09-02	6,692.61000	F	20-02-06	6,952.89000	F	20-07-10	7,216.55000	F			
19-04-00	6,441.90000	F	19-09-04	6,698.78000	F	20-02-08	6,959.14000	F	20-07-12	7,222.87000	F			
19-04-02	6,447.97000	F	19-09-06	6,704.94000	F	20-02-10	6,965.38000	F	20-07-14	7,229.18000	F			
19-04-04	6,454.05000	F	19-09-08	6,711.11000	F	20-02-12	6,971.62000	F	20-08-00	7,235.50000	F			
19-04-06	6,460.14000	F	19-09-10	6,717.27000	F	20-02-14	6,977.86000	F	20-08-02	7,241.82000	F			
19-04-08	6,466.22000	F	19-09-12	6,723.43000	F	20-03-00	6,984.10000	F	20-08-04	7,248.15000	F			
19-04-10	6,472.30000	F	19-09-14	6,729.60000	F	20-03-02	6,990.34000	F	20-08-06	7,254.48000	F			
19-04-12	6,478.39000	F	19-10-00	6,735.76000	F	20-03-04	6,996.60000	F	20-08-08	7,260.81000	F			
19-04-14	6,484.47000	F	19-10-02	6,741.92000	F	20-03-06	7,002.86000	F	20-08-10	7,267.15000	F			
19-05-00	6,490.56000	F	19-10-04	6,748.10000	F	20-03-08	7,009.11000	F	20-08-12	7,273.48000	F			
19-05-02	6,496.64000	F	19-10-06	6,754.28000	F	20-03-10	7,015.37000	F	20-08-14	7,279.81000	F			
19-05-04	6,502.74000	F	19-10-08	6,760.46000	F	20-03-12	7,021.63000	F	20-09-00	7,286.14000	F			
19-05-06	6,508.84000	F	19-10-10	6,766.64000	F	20-03-14	7,027.88000	F	20-09-02	7,292.47000	F			
19-05-08	6,514.94000	F	19-10-12	6,772.82000	F	20-04-00	7,034.14000	F	20-09-04	7,298.82000	F			
19-05-10	6,521.04000	F	19-10-14	6,779.00000	F	20-04-02	7,040.40000	F	20-09-06	7,305.17000	F			
19-05-12	6,527.14000	F	19-11-00	6,785.18000	F	20-04-04	7,046.67000	F	20-09-08	7,311.51000	F			
19-05-14	6,533.24000	F	19-11-02	6,791.36000	F	20-04-06	7,052.94000	F	20-09-10	7,317.86000	F			
19-06-00	6,539.34000	F	19-11-04	6,797.55000	F	20-04-08	7,059.21000	F	20-09-12	7,324.21000	F			
19-06-02	6,545.44000	F	19-11-06	6,803.75000	F	20-04-10	7,065.48000	F	20-09-14	7,330.55000	F			
19-06-04	6,551.56000	F	19-11-08	6,809.94000	F	20-04-12	7,071.76000	F	20-10-00	7,336.90000	F			
19-06-06	6,557.67000	F	19-11-10	6,816.14000	F	20-04-14	7,078.03000	F	20-10-02	7,343.25000	F			
19-06-08	6,563.79000	F	19-11-12	6,822.33000	F	20-05-00	7,084.30000	F	20-10-04	7,349.61000	F			
19-06-10	6,569.91000	F	19-11-14	6,828.53000	F	20-05-02	7,090.57000	F	20-10-06	7,355.97000	F			
19-06-12	6,576.02000	F	20-00-00	6,834.72000	F	20-05-04	7,096.86000	F	20-10-08	7,362.33000	F			
19-06-14	6,582.14000	F	20-00-02	6,840.92000	F	20-05-06	7,103.14000	F	20-10-10	7,368.69000	F			
19-07-00	6,588.26000	F	20-00-04	6,847.13000	F	20-05-08	7,109.43000	F	20-10-12	7,375.05000	F			
19-07-02	6,594.37000	F	20-00-06	6,853.34000	F	20-05-10	7,115.72000	F	20-10-14	7,381.41000	F			
19-07-04	6,600.50000	F	20-00-08	6,859.55000	F	20-05-12	7,122.01000	F	20-11-00	7,387.78000	F			
19-07-06	6,606.64000	F	20-00-10	6,865.76000	F	20-05-14	7,128.29000	F	20-11-02	7,394.14000	F			
19-07-08	6,612.77000	F	20-00-12	6,871.97000	F	20-06-00	7,134.58000	F	20-11-04	7,400.51000	F			
19-07-10	6,618.90000	F	20-00-14	6,878.18000	F	20-06-02	7,140.87000	F	20-11-06	7,406.89000	F			
19-07-12	6,625.03000	F	20-01-00	6,884.39000	F	20-06-04	7,147.17000	F	20-11-08	7,413.26000	F			
19-07-14	6,631.17000	F	20-01-02	6,890.60000	F	20-06-06	7,153.47000	F	20-11-10	7,419.64000	F			
19-08-00	6,637.30000	F	20-01-04	6,896.83000	F	20-06-08	7,159.77000	F	20-11-12	7,426.02000	F			
19-08-02	6,643.43000	F	20-01-06	6,903.06000	F	20-06-10	7,166.07000	F	20-11-14	7,432.39000	F			

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction	Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00	
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
21-00-00	7,438.77000	F	21-05-04	7,708.38000	F	21-10-08	7,981.12000	F	22-03-12	8,256.86000	F			
21-00-02	7,445.14000	F	21-05-06	7,714.84000	F	21-10-10	7,987.65000	F	22-03-14	8,263.46000	F			
21-00-04	7,451.54000	F	21-05-08	7,721.31000	F	21-10-12	7,994.18000	F	22-04-00	8,270.06000	F			
21-00-06	7,457.93000	F	21-05-10	7,727.77000	F	21-10-14	8,000.71000	F	22-04-02	8,276.66000	F			
21-00-08	7,464.32000	F	21-05-12	7,734.23000	F	21-11-00	8,007.24000	F	22-04-04	8,283.27000	F			
21-00-10	7,470.71000	F	21-05-14	7,740.69000	F	21-11-02	8,013.78000	F	22-04-06	8,289.89000	F			
21-00-12	7,477.10000	F	21-06-00	7,747.15000	F	21-11-04	8,020.32000	F	22-04-08	8,296.50000	F			
21-00-14	7,483.49000	F	21-06-02	7,753.62000	F	21-11-06	8,026.87000	F	22-04-10	8,303.11000	F			
21-01-00	7,489.88000	F	21-06-04	7,760.09000	F	21-11-08	8,033.41000	F	22-04-12	8,309.72000	F			
21-01-02	7,496.27000	F	21-06-06	7,766.57000	F	21-11-10	8,039.96000	F	22-04-14	8,316.33000	F			
21-01-04	7,502.67000	F	21-06-08	7,773.05000	F	21-11-12	8,046.50000	F	22-05-00	8,322.95000	F			
21-01-06	7,509.08000	F	21-06-10	7,779.52000	F	21-11-14	8,053.05000	F	22-05-02	8,329.56000	F			
21-01-08	7,515.48000	F	21-06-12	7,786.00000	F	22-00-00	8,059.59000	F	22-05-04	8,336.18000	F			
21-01-10	7,521.89000	F	21-06-14	7,792.47000	F	22-00-02	8,066.14000	F	22-05-06	8,342.81000	F			
21-01-12	7,528.29000	F	21-07-00	7,798.95000	F	22-00-04	8,072.70000	F	22-05-08	8,349.44000	F			
21-01-14	7,534.70000	F	21-07-02	7,805.43000	F	22-00-06	8,079.25000	F	22-05-10	8,356.06000	F			
21-02-00	7,541.10000	F	21-07-04	7,811.92000	F	22-00-08	8,085.81000	F	22-05-12	8,362.69000	F			
21-02-02	7,547.51000	F	21-07-06	7,818.41000	F	22-00-10	8,092.37000	F	22-05-14	8,369.31000	F			
21-02-04	7,553.93000	F	21-07-08	7,824.90000	F	22-00-12	8,098.93000	F	22-06-00	8,375.94000	F			
21-02-06	7,560.35000	F	21-07-10	7,831.39000	F	22-00-14	8,105.49000	F	22-06-02	8,382.56000	F			
21-02-08	7,566.77000	F	21-07-12	7,837.88000	F	22-01-00	8,112.05000	F	22-06-04	8,389.20000	F			
21-02-10	7,573.19000	F	21-07-14	7,844.37000	F	22-01-02	8,118.61000	F	22-06-06	8,395.84000	F			
21-02-12	7,579.61000	F	21-08-00	7,850.86000	F	22-01-04	8,125.18000	F	22-06-08	8,402.48000	F			
21-02-14	7,586.03000	F	21-08-02	7,857.35000	F	22-01-06	8,131.75000	F	22-06-10	8,409.12000	F			
21-03-00	7,592.45000	F	21-08-04	7,863.85000	F	22-01-08	8,138.32000	F	22-06-12	8,415.75000	F			
21-03-02	7,598.86000	F	21-08-06	7,870.36000	F	22-01-10	8,144.90000	F	22-06-14	8,422.39000	F			
21-03-04	7,605.30000	F	21-08-08	7,876.86000	F	22-01-12	8,151.47000	F	22-07-00	8,429.03000	F			
21-03-06	7,611.73000	F	21-08-10	7,883.36000	F	22-01-14	8,158.04000	F	22-07-02	8,435.67000	F			
21-03-08	7,618.17000	F	21-08-12	7,889.87000	F	22-02-00	8,164.61000	F	22-07-04	8,442.32000	F			
21-03-10	7,624.60000	F	21-08-14	7,896.37000	F	22-02-02	8,171.18000	F	22-07-06	8,448.97000	F			
21-03-12	7,631.03000	F	21-09-00	7,902.88000	F	22-02-04	8,177.77000	F	22-07-08	8,455.62000	F			
21-03-14	7,637.47000	F	21-09-02	7,909.38000	F	22-02-06	8,184.36000	F	22-07-10	8,462.28000	F			
21-04-00	7,643.90000	F	21-09-04	7,915.90000	F	22-02-08	8,190.94000	F	22-07-12	8,468.93000	F			
21-04-02	7,650.34000	F	21-09-06	7,922.42000	F	22-02-10	8,197.53000	F	22-07-14	8,475.58000	F			
21-04-04	7,656.78000	F	21-09-08	7,928.93000	F	22-02-12	8,204.11000	F	22-08-00	8,482.23000	F			
21-04-06	7,663.23000	F	21-09-10	7,935.45000	F	22-02-14	8,210.70000	F	22-08-02	8,488.88000	F			
21-04-08	7,669.68000	F	21-09-12	7,941.97000	F	22-03-00	8,217.28000	F	22-08-04	8,495.55000	F			
21-04-10	7,676.13000	F	21-09-14	7,948.49000	F	22-03-02	8,223.87000	F	22-08-06	8,502.21000	F			
21-04-12	7,682.58000	F	21-10-00	7,955.00000	F	22-03-04	8,230.47000	F	22-08-08	8,508.87000	F			
21-04-14	7,689.02000	F	21-10-02	7,961.52000	F	22-03-06	8,237.07000	F	22-08-10	8,515.54000	F			
21-05-00	7,695.47000	F	21-10-04	7,968.05000	F	22-03-08	8,243.67000	F	22-08-12	8,522.20000	F			
21-05-02	7,701.92000	F	21-10-06	7,974.59000	F	22-03-10	8,250.27000	F	22-08-14	8,528.87000	F			

All values are based on 1/8 of an inch

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction	Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00	
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
22-09-00	8,535.53000	F	23-02-04	8,817.04000	F	23-07-08	9,101.29000	F	24-00-12	9,388.19000	F			
22-09-02	8,542.20000	F	23-02-06	8,823.78000	F	23-07-10	9,108.09000	F	24-00-14	9,395.05000	F			
22-09-04	8,548.87000	F	23-02-08	8,830.52000	F	23-07-12	9,114.89000	F	24-01-00	9,401.91000	F			
22-09-06	8,555.55000	F	23-02-10	8,837.26000	F	23-07-14	9,121.70000	F	24-01-02	9,408.77000	F			
22-09-08	8,562.23000	F	23-02-12	8,844.00000	F	23-08-00	9,128.50000	F	24-01-04	9,415.64000	F			
22-09-10	8,568.90000	F	23-02-14	8,850.74000	F	23-08-02	9,135.30000	F	24-01-06	9,422.51000	F			
22-09-12	8,575.58000	F	23-03-00	8,857.48000	F	23-08-04	9,142.11000	F	24-01-08	9,429.38000	F			
22-09-14	8,582.26000	F	23-03-02	8,864.22000	F	23-08-06	9,148.92000	F	24-01-10	9,436.26000	F			
22-10-00	8,588.94000	F	23-03-04	8,870.97000	F	23-08-08	9,155.74000	F	24-01-12	9,443.13000	F			
22-10-02	8,595.61000	F	23-03-06	8,877.73000	F	23-08-10	9,162.55000	F	24-01-14	9,450.00000	F			
22-10-04	8,602.30000	F	23-03-08	8,884.48000	F	23-08-12	9,169.36000	F	24-02-00	9,456.87000	F			
22-10-06	8,608.99000	F	23-03-10	8,891.23000	F	23-08-14	9,176.18000	F	24-02-02	9,463.74000	F			
22-10-08	8,615.68000	F	23-03-12	8,897.98000	F	23-09-00	9,182.99000	F	24-02-04	9,470.63000	F			
22-10-10	8,622.37000	F	23-03-14	8,904.74000	F	23-09-02	9,189.80000	F	24-02-06	9,477.51000	F			
22-10-12	8,629.06000	F	23-04-00	8,911.49000	F	23-09-04	9,196.63000	F	24-02-08	9,484.39000	F			
22-10-14	8,635.75000	F	23-04-02	8,918.24000	F	23-09-06	9,203.45000	F	24-02-10	9,491.28000	F			
22-11-00	8,642.44000	F	23-04-04	8,925.01000	F	23-09-08	9,210.28000	F	24-02-12	9,498.16000	F			
22-11-02	8,649.13000	F	23-04-06	8,931.77000	F	23-09-10	9,217.10000	F	24-02-14	9,505.04000	F			
22-11-04	8,655.84000	F	23-04-08	8,938.54000	F	23-09-12	9,223.93000	F	24-03-00	9,511.93000	F			
22-11-06	8,662.54000	F	23-04-10	8,945.30000	F	23-09-14	9,230.75000	F	24-03-02	9,518.81000	F			
22-11-08	8,669.24000	F	23-04-12	8,952.06000	F	23-10-00	9,237.58000	F	24-03-04	9,525.70000	F			
22-11-10	8,675.94000	F	23-04-14	8,958.83000	F	23-10-02	9,244.40000	F	24-03-06	9,532.60000	F			
22-11-12	8,682.65000	F	23-05-00	8,965.59000	F	23-10-04	9,251.24000	F	24-03-08	9,539.49000	F			
22-11-14	8,689.35000	F	23-05-02	8,972.36000	F	23-10-06	9,258.08000	F	24-03-10	9,546.39000	F			
23-00-00	8,696.05000	F	23-05-04	8,979.14000	F	23-10-08	9,264.91000	F	24-03-12	9,553.28000	F			
23-00-02	8,702.75000	F	23-05-06	8,985.91000	F	23-10-10	9,271.75000	F	24-03-14	9,560.18000	F			
23-00-04	8,709.47000	F	23-05-08	8,992.69000	F	23-10-12	9,278.59000	F	24-04-00	9,567.07000	F			
23-00-06	8,716.18000	F	23-05-10	8,999.47000	F	23-10-14	9,285.42000	F	24-04-02	9,573.97000	F			
23-00-08	8,722.90000	F	23-05-12	9,006.24000	F	23-11-00	9,292.26000	F	24-04-04	9,580.87000	F			
23-00-10	8,729.62000	F	23-05-14	9,013.02000	F	23-11-02	9,299.10000	F	24-04-06	9,587.78000	F			
23-00-12	8,736.33000	F	23-06-00	9,019.80000	F	23-11-04	9,305.95000	F	24-04-08	9,594.68000	F			
23-00-14	8,743.05000	F	23-06-02	9,026.58000	F	23-11-06	9,312.80000	F	24-04-10	9,601.59000	F			
23-01-00	8,749.76000	F	23-06-04	9,033.36000	F	23-11-08	9,319.64000	F	24-04-12	9,608.49000	F			
23-01-02	8,756.48000	F	23-06-06	9,040.15000	F	23-11-10	9,326.49000	F	24-04-14	9,615.40000	F			
23-01-04	8,763.20000	F	23-06-08	9,046.94000	F	23-11-12	9,333.34000	F	24-05-00	9,622.31000	F			
23-01-06	8,769.93000	F	23-06-10	9,053.73000	F	23-11-14	9,340.19000	F	24-05-02	9,629.21000	F			
23-01-08	8,776.66000	F	23-06-12	9,060.52000	F	24-00-00	9,347.04000	F	24-05-04	9,636.13000	F			
23-01-10	8,783.39000	F	23-06-14	9,067.31000	F	24-00-02	9,353.89000	F	24-05-06	9,643.05000	F			
23-01-12	8,790.12000	F	23-07-00	9,074.10000	F	24-00-04	9,360.75000	F	24-05-08	9,649.96000	F			
23-01-14	8,796.84000	F	23-07-02	9,080.89000	F	24-00-06	9,367.61000	F	24-05-10	9,656.88000	F			
23-02-00	8,803.57000	F	23-07-04	9,087.69000	F	24-00-08	9,374.47000	F	24-05-12	9,663.80000	F			
23-02-02	8,810.30000	F	23-07-06	9,094.49000	F	24-00-10	9,381.33000	F	24-05-14	9,670.71000	F			

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction	Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00	
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
24-06-00	9,677.63000	F	24-11-04	9,969.53000	F	25-04-08	10,263.80000	F	25-09-12	10,560.34000	F			
24-06-02	9,684.55000	F	24-11-06	9,976.52000	F	25-04-10	10,270.84000	F	25-09-14	10,567.42000	F			
24-06-04	9,691.48000	F	24-11-08	9,983.50000	F	25-04-12	10,277.87000	F	25-10-00	10,574.51000	F			
24-06-06	9,698.40000	F	24-11-10	9,990.48000	F	25-04-14	10,284.91000	F	25-10-02	10,581.59000	F			
24-06-08	9,705.33000	F	24-11-12	9,997.46000	F	25-05-00	10,291.94000	F	25-10-04	10,588.69000	F			
24-06-10	9,712.26000	F	24-11-14	10,004.45000	F	25-05-02	10,298.98000	F	25-10-06	10,595.78000	F			
24-06-12	9,719.19000	F	25-00-00	10,011.43000	F	25-05-04	10,306.02000	F	25-10-08	10,602.88000	F			
24-06-14	9,726.12000	F	25-00-02	10,018.41000	F	25-05-06	10,313.07000	F	25-10-10	10,609.97000	F			
24-07-00	9,733.05000	F	25-00-04	10,025.41000	F	25-05-08	10,320.11000	F	25-10-12	10,617.07000	F			
24-07-02	9,739.97000	F	25-00-06	10,032.40000	F	25-05-10	10,327.16000	F	25-10-14	10,624.16000	F			
24-07-04	9,746.91000	F	25-00-08	10,039.39000	F	25-05-12	10,334.20000	F	25-11-00	10,631.26000	F			
24-07-06	9,753.85000	F	25-00-10	10,046.38000	F	25-05-14	10,341.25000	F	25-11-02	10,638.35000	F			
24-07-08	9,760.79000	F	25-00-12	10,053.38000	F	25-06-00	10,348.29000	F	25-11-04	10,645.46000	F			
24-07-10	9,767.73000	F	25-00-14	10,060.37000	F	25-06-02	10,355.34000	F	25-11-06	10,652.56000	F			
24-07-12	9,774.67000	F	25-01-00	10,067.36000	F	25-06-04	10,362.40000	F	25-11-08	10,659.67000	F			
24-07-14	9,781.61000	F	25-01-02	10,074.36000	F	25-06-06	10,369.45000	F	25-11-10	10,666.77000	F			
24-08-00	9,788.55000	F	25-01-04	10,081.36000	F	25-06-08	10,376.51000	F	25-11-12	10,673.88000	F			
24-08-02	9,795.49000	F	25-01-06	10,088.37000	F	25-06-10	10,383.56000	F	25-11-14	10,680.98000	F			
24-08-04	9,802.44000	F	25-01-08	10,095.37000	F	25-06-12	10,390.62000	F	26-00-00	10,688.09000	F			
24-08-06	9,809.39000	F	25-01-10	10,102.37000	F	25-06-14	10,397.67000	F	26-00-02	10,695.19000	F			
24-08-08	9,816.34000	F	25-01-12	10,109.38000	F	25-07-00	10,404.73000	F	26-00-04	10,702.31000	F			
24-08-10	9,823.29000	F	25-01-14	10,116.38000	F	25-07-02	10,411.78000	F	26-00-06	10,709.42000	F			
24-08-12	9,830.24000	F	25-02-00	10,123.38000	F	25-07-04	10,418.85000	F	26-00-08	10,716.54000	F			
24-08-14	9,837.19000	F	25-02-02	10,130.39000	F	25-07-06	10,425.91000	F	26-00-10	10,723.65000	F			
24-09-00	9,844.14000	F	25-02-04	10,137.40000	F	25-07-08	10,432.98000	F	26-00-12	10,730.77000	F			
24-09-02	9,851.09000	F	25-02-06	10,144.42000	F	25-07-10	10,440.04000	F	26-00-14	10,737.88000	F			
24-09-04	9,858.05000	F	25-02-08	10,151.43000	F	25-07-12	10,447.11000	F	26-01-00	10,745.00000	F			
24-09-06	9,865.01000	F	25-02-10	10,158.44000	F	25-07-14	10,454.18000	F	26-01-02	10,752.11000	F			
24-09-08	9,871.97000	F	25-02-12	10,165.46000	F	25-08-00	10,461.24000	F	26-01-04	10,759.24000	F			
24-09-10	9,878.93000	F	25-02-14	10,172.47000	F	25-08-02	10,468.31000	F	26-01-06	10,766.36000	F			
24-09-12	9,885.89000	F	25-03-00	10,179.49000	F	25-08-04	10,475.38000	F	26-01-08	10,773.48000	F			
24-09-14	9,892.85000	F	25-03-02	10,186.50000	F	25-08-06	10,482.46000	F	26-01-10	10,780.61000	F			
24-10-00	9,899.82000	F	25-03-04	10,193.53000	F	25-08-08	10,489.53000	F	26-01-12	10,787.73000	F			
24-10-02	9,906.78000	F	25-03-06	10,200.55000	F	25-08-10	10,496.61000	F	26-01-14	10,794.86000	F			
24-10-04	9,913.75000	F	25-03-08	10,207.58000	F	25-08-12	10,503.68000	F	26-02-00	10,801.98000	F			
24-10-06	9,920.72000	F	25-03-10	10,214.60000	F	25-08-14	10,510.76000	F	26-02-02	10,809.10000	F			
24-10-08	9,927.69000	F	25-03-12	10,221.62000	F	25-09-00	10,517.83000	F	26-02-04	10,816.24000	F			
24-10-10	9,934.66000	F	25-03-14	10,228.65000	F	25-09-02	10,524.91000	F	26-02-06	10,823.37000	F			
24-10-12	9,941.64000	F	25-04-00	10,235.67000	F	25-09-04	10,532.00000	F	26-02-08	10,830.51000	F			
24-10-14	9,948.61000	F	25-04-02	10,242.70000	F	25-09-06	10,539.08000	F	26-02-10	10,837.64000	F			
24-11-00	9,955.58000	F	25-04-04	10,249.73000	F	25-09-08	10,546.17000	F	26-02-12	10,844.77000	F			
24-11-02	9,962.55000	F	25-04-06	10,256.77000	F	25-09-10	10,553.25000	F	26-02-14	10,851.91000	F			

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction						
Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00						
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	
26-03-00	10,859.04000	F	26-08-04	11,159.83000	F	27-01-08	11,462.62000	F	27-06-12	11,767.30000	F	
26-03-02	10,866.18000	F	26-08-06	11,167.02000	F	27-01-10	11,469.86000	F	27-06-14	11,774.58000	F	
26-03-04	10,873.32000	F	26-08-08	11,174.21000	F	27-01-12	11,477.09000	F	27-07-00	11,781.85000	F	
26-03-06	10,880.46000	F	26-08-10	11,181.40000	F	27-01-14	11,484.32000	F	27-07-02	11,789.13000	F	
26-03-08	10,887.60000	F	26-08-12	11,188.59000	F	27-02-00	11,491.56000	F	27-07-04	11,796.41000	F	
26-03-10	10,894.75000	F	26-08-14	11,195.78000	F	27-02-02	11,498.79000	F	27-07-06	11,803.70000	F	
26-03-12	10,901.89000	F	26-09-00	11,202.97000	F	27-02-04	11,506.03000	F	27-07-08	11,810.98000	F	
26-03-14	10,909.03000	F	26-09-02	11,210.16000	F	27-02-06	11,513.27000	F	27-07-10	11,818.26000	F	
26-04-00	10,916.18000	F	26-09-04	11,217.36000	F	27-02-08	11,520.52000	F	27-07-12	11,825.54000	F	
26-04-02	10,923.32000	F	26-09-06	11,224.56000	F	27-02-10	11,527.76000	F	27-07-14	11,832.83000	F	
26-04-04	10,930.47000	F	26-09-08	11,231.75000	F	27-02-12	11,535.00000	F	27-08-00	11,840.11000	F	
26-04-06	10,937.63000	F	26-09-10	11,238.95000	F	27-02-14	11,542.24000	F	27-08-02	11,847.39000	F	
26-04-08	10,944.78000	F	26-09-12	11,246.15000	F	27-03-00	11,549.48000	F	27-08-04	11,854.69000	F	
26-04-10	10,951.93000	F	26-09-14	11,253.35000	F	27-03-02	11,556.72000	F	27-08-06	11,861.98000	F	
26-04-12	10,959.08000	F	26-10-00	11,260.55000	F	27-03-04	11,563.97000	F	27-08-08	11,869.27000	F	
26-04-14	10,966.24000	F	26-10-02	11,267.74000	F	27-03-06	11,571.22000	F	27-08-10	11,876.56000	F	
26-05-00	10,973.39000	F	26-10-04	11,274.95000	F	27-03-08	11,578.47000	F	27-08-12	11,883.85000	F	
26-05-02	10,980.54000	F	26-10-06	11,282.16000	F	27-03-10	11,585.72000	F	27-08-14	11,891.14000	F	
26-05-04	10,987.70000	F	26-10-08	11,289.37000	F	27-03-12	11,592.98000	F	27-09-00	11,898.43000	F	
26-05-06	10,994.87000	F	26-10-10	11,296.57000	F	27-03-14	11,600.23000	F	27-09-02	11,905.72000	F	
26-05-08	11,002.03000	F	26-10-12	11,303.78000	F	27-04-00	11,607.48000	F	27-09-04	11,913.02000	F	
26-05-10	11,009.19000	F	26-10-14	11,310.99000	F	27-04-02	11,614.73000	F	27-09-06	11,920.32000	F	
26-05-12	11,016.35000	F	26-11-00	11,318.19000	F	27-04-04	11,621.98000	F	27-09-08	11,927.62000	F	
26-05-14	11,023.51000	F	26-11-02	11,325.40000	F	27-04-06	11,629.24000	F	27-09-10	11,934.92000	F	
26-06-00	11,030.67000	F	26-11-04	11,332.62000	F	27-04-08	11,636.50000	F	27-09-12	11,942.22000	F	
26-06-02	11,037.84000	F	26-11-06	11,339.83000	F	27-04-10	11,643.76000	F	27-09-14	11,949.52000	F	
26-06-04	11,045.01000	F	26-11-08	11,347.05000	F	27-04-12	11,651.02000	F	27-10-00	11,956.82000	F	
26-06-06	11,052.18000	F	26-11-10	11,354.26000	F	27-04-14	11,658.28000	F	27-10-02	11,964.12000	F	
26-06-08	11,059.35000	F	26-11-12	11,361.48000	F	27-05-00	11,665.54000	F	27-10-04	11,971.42000	F	
26-06-10	11,066.52000	F	26-11-14	11,368.70000	F	27-05-02	11,672.79000	F	27-10-06	11,978.73000	F	
26-06-12	11,073.69000	F	27-00-00	11,375.91000	F	27-05-04	11,680.06000	F	27-10-08	11,986.04000	F	
26-06-14	11,080.86000	F	27-00-02	11,383.13000	F	27-05-06	11,687.33000	F	27-10-10	11,993.35000	F	
26-07-00	11,088.03000	F	27-00-04	11,390.35000	F	27-05-08	11,694.59000	F	27-10-12	12,000.65000	F	
26-07-02	11,095.20000	F	27-00-06	11,397.58000	F	27-05-10	11,701.86000	F	27-10-14	12,007.96000	F	
26-07-04	11,102.38000	F	27-00-08	11,404.80000	F	27-05-12	11,709.13000	F	27-11-00	12,015.27000	F	
26-07-06	11,109.56000	F	27-00-10	11,412.03000	F	27-05-14	11,716.40000	F	27-11-02	12,022.57000	F	
26-07-08	11,116.74000	F	27-00-12	11,419.25000	F	27-06-00	11,723.66000	F	27-11-04	12,029.89000	F	
26-07-10	11,123.92000	F	27-00-14	11,426.47000	F	27-06-02	11,730.93000	F	27-11-06	12,037.20000	F	
26-07-12	11,131.11000	F	27-01-00	11,433.70000	F	27-06-04	11,738.20000	F	27-11-08	12,044.52000	F	
26-07-14	11,138.29000	F	27-01-02	11,440.92000	F	27-06-06	11,745.48000	F	27-11-10	12,051.83000	F	
26-08-00	11,145.47000	F	27-01-04	11,448.16000	F	27-06-08	11,752.75000	F	27-11-12	12,059.15000	F	
26-08-02	11,152.65000	F	27-01-06	11,455.39000	F	27-06-10	11,760.03000	F	27-11-14	12,066.46000	F	

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction	Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00	
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
28-00-00	12,073.78000	F	28-05-04	12,381.96000	F	28-10-08	12,691.76000	F	29-03-12	13,003.07000	F			
28-00-02	12,081.09000	F	28-05-06	12,389.32000	F	28-10-10	12,699.15000	F	29-03-14	13,010.50000	F			
28-00-04	12,088.41000	F	28-05-08	12,396.68000	F	28-10-12	12,706.55000	F	29-04-00	13,017.93000	F			
28-00-06	12,095.74000	F	28-05-10	12,404.04000	F	28-10-14	12,713.94000	F	29-04-02	13,025.36000	F			
28-00-08	12,103.06000	F	28-05-12	12,411.40000	F	28-11-00	12,721.34000	F	29-04-04	13,032.79000	F			
28-00-10	12,110.38000	F	28-05-14	12,418.76000	F	28-11-02	12,728.73000	F	29-04-06	13,040.23000	F			
28-00-12	12,117.71000	F	28-06-00	12,426.12000	F	28-11-04	12,736.14000	F	29-04-08	13,047.66000	F			
28-00-14	12,125.03000	F	28-06-02	12,433.48000	F	28-11-06	12,743.54000	F	29-04-10	13,055.10000	F			
28-01-00	12,132.35000	F	28-06-04	12,440.85000	F	28-11-08	12,750.94000	F	29-04-12	13,062.53000	F			
28-01-02	12,139.67000	F	28-06-06	12,448.21000	F	28-11-10	12,758.34000	F	29-04-14	13,069.97000	F			
28-01-04	12,147.00000	F	28-06-08	12,455.58000	F	28-11-12	12,765.74000	F	29-05-00	13,077.40000	F			
28-01-06	12,154.33000	F	28-06-10	12,462.95000	F	28-11-14	12,773.15000	F	29-05-02	13,084.84000	F			
28-01-08	12,161.66000	F	28-06-12	12,470.32000	F	29-00-00	12,780.55000	F	29-05-04	13,092.28000	F			
28-01-10	12,168.99000	F	28-06-14	12,477.68000	F	29-00-02	12,787.95000	F	29-05-06	13,099.72000	F			
28-01-12	12,176.32000	F	28-07-00	12,485.05000	F	29-00-04	12,795.36000	F	29-05-08	13,107.16000	F			
28-01-14	12,183.65000	F	28-07-02	12,492.42000	F	29-00-06	12,802.77000	F	29-05-10	13,114.60000	F			
28-02-00	12,190.98000	F	28-07-04	12,499.79000	F	29-00-08	12,810.18000	F	29-05-12	13,122.05000	F			
28-02-02	12,198.31000	F	28-07-06	12,507.17000	F	29-00-10	12,817.59000	F	29-05-14	13,129.49000	F			
28-02-04	12,205.65000	F	28-07-08	12,514.54000	F	29-00-12	12,825.00000	F	29-06-00	13,136.93000	F			
28-02-06	12,212.99000	F	28-07-10	12,521.91000	F	29-00-14	12,832.41000	F	29-06-02	13,144.37000	F			
28-02-08	12,220.33000	F	28-07-12	12,529.29000	F	29-01-00	12,839.81000	F	29-06-04	13,151.82000	F			
28-02-10	12,227.67000	F	28-07-14	12,536.66000	F	29-01-02	12,847.22000	F	29-06-06	13,159.27000	F			
28-02-12	12,235.00000	F	28-08-00	12,544.04000	F	29-01-04	12,854.64000	F	29-06-08	13,166.71000	F			
28-02-14	12,242.34000	F	28-08-02	12,551.41000	F	29-01-06	12,862.05000	F	29-06-10	13,174.16000	F			
28-03-00	12,249.68000	F	28-08-04	12,558.79000	F	29-01-08	12,869.47000	F	29-06-12	13,181.61000	F			
28-03-02	12,257.02000	F	28-08-06	12,566.17000	F	29-01-10	12,876.89000	F	29-06-14	13,189.06000	F			
28-03-04	12,264.36000	F	28-08-08	12,573.56000	F	29-01-12	12,884.30000	F	29-07-00	13,196.51000	F			
28-03-06	12,271.71000	F	28-08-10	12,580.94000	F	29-01-14	12,891.72000	F	29-07-02	13,203.95000	F			
28-03-08	12,279.05000	F	28-08-12	12,588.32000	F	29-02-00	12,899.13000	F	29-07-04	13,211.41000	F			
28-03-10	12,286.40000	F	28-08-14	12,595.70000	F	29-02-02	12,906.55000	F	29-07-06	13,218.86000	F			
28-03-12	12,293.74000	F	28-09-00	12,603.08000	F	29-02-04	12,913.97000	F	29-07-08	13,226.31000	F			
28-03-14	12,301.09000	F	28-09-02	12,610.46000	F	29-02-06	12,921.39000	F	29-07-10	13,233.77000	F			
28-04-00	12,308.43000	F	28-09-04	12,617.85000	F	29-02-08	12,928.81000	F	29-07-12	13,241.22000	F			
28-04-02	12,315.78000	F	28-09-06	12,625.24000	F	29-02-10	12,936.24000	F	29-07-14	13,248.68000	F			
28-04-04	12,323.13000	F	28-09-08	12,632.63000	F	29-02-12	12,943.66000	F	29-08-00	13,256.13000	F			
28-04-06	12,330.48000	F	28-09-10	12,640.02000	F	29-02-14	12,951.08000	F	29-08-02	13,263.58000	F			
28-04-08	12,337.84000	F	28-09-12	12,647.41000	F	29-03-00	12,958.50000	F	29-08-04	13,271.05000	F			
28-04-10	12,345.19000	F	28-09-14	12,654.79000	F	29-03-02	12,965.93000	F	29-08-06	13,278.51000	F			
28-04-12	12,352.54000	F	28-10-00	12,662.18000	F	29-03-04	12,973.35000	F	29-08-08	13,285.97000	F			
28-04-14	12,359.89000	F	28-10-02	12,669.57000	F	29-03-06	12,980.78000	F	29-08-10	13,293.43000	F			
28-05-00	12,367.25000	F	28-10-04	12,676.97000	F	29-03-08	12,988.21000	F	29-08-12	13,300.89000	F			
28-05-02	12,374.60000	F	28-10-06	12,684.36000	F	29-03-10	12,995.64000	F	29-08-14	13,308.35000	F			

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction					
Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00					
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
29-09-00	13,315.81000	F	30-02-04	13,629.88000	F	30-07-08	13,945.19000	F	31-00-12	14,261.63000	F
29-09-02	13,323.27000	F	30-02-06	13,637.37000	F	30-07-10	13,952.71000	F	31-00-14	14,269.18000	F
29-09-04	13,330.73000	F	30-02-08	13,644.87000	F	30-07-12	13,960.23000	F	31-01-00	14,276.72000	F
29-09-06	13,338.20000	F	30-02-10	13,652.36000	F	30-07-14	13,967.75000	F	31-01-02	14,284.27000	F
29-09-08	13,345.67000	F	30-02-12	13,659.86000	F	30-08-00	13,975.27000	F	31-01-04	14,291.82000	F
29-09-10	13,353.13000	F	30-02-14	13,667.35000	F	30-08-02	13,982.79000	F	31-01-06	14,299.37000	F
29-09-12	13,360.60000	F	30-03-00	13,674.85000	F	30-08-04	13,990.32000	F	31-01-08	14,306.92000	F
29-09-14	13,368.06000	F	30-03-02	13,682.34000	F	30-08-06	13,997.85000	F	31-01-10	14,314.48000	F
29-10-00	13,375.53000	F	30-03-04	13,689.84000	F	30-08-08	14,005.38000	F	31-01-12	14,322.03000	F
29-10-02	13,383.00000	F	30-03-06	13,697.34000	F	30-08-10	14,012.90000	F	31-01-14	14,329.58000	F
29-10-04	13,390.47000	F	30-03-08	13,704.85000	F	30-08-12	14,020.43000	F	31-02-00	14,337.13000	F
29-10-06	13,397.94000	F	30-03-10	13,712.35000	F	30-08-14	14,027.96000	F	31-02-02	14,344.68000	F
29-10-08	13,405.41000	F	30-03-12	13,719.85000	F	30-09-00	14,035.48000	F	31-02-04	14,352.24000	F
29-10-10	13,412.88000	F	30-03-14	13,727.35000	F	30-09-02	14,043.01000	F	31-02-06	14,359.79000	F
29-10-12	13,420.36000	F	30-04-00	13,734.85000	F	30-09-04	14,050.54000	F	31-02-08	14,367.35000	F
29-10-14	13,427.83000	F	30-04-02	13,742.35000	F	30-09-06	14,058.07000	F	31-02-10	14,374.90000	F
29-11-00	13,435.30000	F	30-04-04	13,749.85000	F	30-09-08	14,065.61000	F	31-02-12	14,382.46000	F
29-11-02	13,442.77000	F	30-04-06	13,757.36000	F	30-09-10	14,073.14000	F	31-02-14	14,390.02000	F
29-11-04	13,450.25000	F	30-04-08	13,764.87000	F	30-09-12	14,080.67000	F	31-03-00	14,397.57000	F
29-11-06	13,457.73000	F	30-04-10	13,772.37000	F	30-09-14	14,088.20000	F	31-03-02	14,405.13000	F
29-11-08	13,465.21000	F	30-04-12	13,779.88000	F	30-10-00	14,095.73000	F	31-03-04	14,412.69000	F
29-11-10	13,472.69000	F	30-04-14	13,787.38000	F	30-10-02	14,103.27000	F	31-03-06	14,420.25000	F
29-11-12	13,480.16000	F	30-05-00	13,794.89000	F	30-10-04	14,110.80000	F	31-03-08	14,427.81000	F
29-11-14	13,487.64000	F	30-05-02	13,802.40000	F	30-10-06	14,118.34000	F	31-03-10	14,435.37000	F
30-00-00	13,495.12000	F	30-05-04	13,809.91000	F	30-10-08	14,125.88000	F	31-03-12	14,442.93000	F
30-00-02	13,502.60000	F	30-05-06	13,817.42000	F	30-10-10	14,133.41000	F	31-03-14	14,450.49000	F
30-00-04	13,510.08000	F	30-05-08	13,824.93000	F	30-10-12	14,140.95000	F	31-04-00	14,458.05000	F
30-00-06	13,517.57000	F	30-05-10	13,832.44000	F	30-10-14	14,148.49000	F	31-04-02	14,465.61000	F
30-00-08	13,525.05000	F	30-05-12	13,839.95000	F	30-11-00	14,156.03000	F	31-04-04	14,473.18000	F
30-00-10	13,532.53000	F	30-05-14	13,847.46000	F	30-11-02	14,163.56000	F	31-04-06	14,480.74000	F
30-00-12	13,540.02000	F	30-06-00	13,854.98000	F	30-11-04	14,171.10000	F	31-04-08	14,488.31000	F
30-00-14	13,547.50000	F	30-06-02	13,862.49000	F	30-11-06	14,178.65000	F	31-04-10	14,495.87000	F
30-01-00	13,554.98000	F	30-06-04	13,870.00000	F	30-11-08	14,186.19000	F	31-04-12	14,503.44000	F
30-01-02	13,562.47000	F	30-06-06	13,877.52000	F	30-11-10	14,193.73000	F	31-04-14	14,511.00000	F
30-01-04	13,569.96000	F	30-06-08	13,885.04000	F	30-11-12	14,201.27000	F	31-05-00	14,518.57000	F
30-01-06	13,577.45000	F	30-06-10	13,892.55000	F	30-11-14	14,208.81000	F	31-05-02	14,526.13000	F
30-01-08	13,584.94000	F	30-06-12	13,900.07000	F	31-00-00	14,216.36000	F	31-05-04	14,533.70000	F
30-01-10	13,592.43000	F	30-06-14	13,907.59000	F	31-00-02	14,223.90000	F	31-05-06	14,541.27000	F
30-01-12	13,599.92000	F	30-07-00	13,915.10000	F	31-00-04	14,231.44000	F	31-05-08	14,548.84000	F
30-01-14	13,607.40000	F	30-07-02	13,922.62000	F	31-00-06	14,238.99000	F	31-05-10	14,556.41000	F
30-02-00	13,614.89000	F	30-07-04	13,930.14000	F	31-00-08	14,246.54000	F	31-05-12	14,563.98000	F
30-02-02	13,622.38000	F	30-07-06	13,937.66000	F	31-00-10	14,254.08000	F	31-05-14	14,571.55000	F

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction	Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00	
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
31-06-00	14,579.12000	F	31-11-04	14,897.57000	F	32-04-08	15,216.88000	F	32-09-12	15,536.95000	F			
31-06-02	14,586.69000	F	31-11-06	14,905.16000	F	32-04-10	15,224.49000	F	32-09-14	15,544.58000	F			
31-06-04	14,594.26000	F	31-11-08	14,912.75000	F	32-04-12	15,232.10000	F	32-10-00	15,552.21000	F			
31-06-06	14,601.84000	F	31-11-10	14,920.35000	F	32-04-14	15,239.71000	F	32-10-02	15,559.84000	F			
31-06-08	14,609.41000	F	31-11-12	14,927.94000	F	32-05-00	15,247.33000	F	32-10-04	15,567.47000	F			
31-06-10	14,616.98000	F	31-11-14	14,935.54000	F	32-05-02	15,254.94000	F	32-10-06	15,575.10000	F			
31-06-12	14,624.56000	F	32-00-00	14,943.13000	F	32-05-04	15,262.56000	F	32-10-08	15,582.74000	F			
31-06-14	14,632.13000	F	32-00-02	14,950.73000	F	32-05-06	15,270.17000	F	32-10-10	15,590.37000	F			
31-07-00	14,639.71000	F	32-00-04	14,958.32000	F	32-05-08	15,277.79000	F	32-10-12	15,598.00000	F			
31-07-02	14,647.28000	F	32-00-06	14,965.92000	F	32-05-10	15,285.40000	F	32-10-14	15,605.63000	F			
31-07-04	14,654.86000	F	32-00-08	14,973.52000	F	32-05-12	15,293.02000	F	32-11-00	15,613.26000	F			
31-07-06	14,662.44000	F	32-00-10	14,981.12000	F	32-05-14	15,300.64000	F	32-11-02	15,620.90000	F			
31-07-08	14,670.01000	F	32-00-12	14,988.72000	F	32-06-00	15,308.25000	F	32-11-04	15,628.53000	F			
31-07-10	14,677.59000	F	32-00-14	14,996.31000	F	32-06-02	15,315.87000	F	32-11-06	15,636.16000	F			
31-07-12	14,685.17000	F	32-01-00	15,003.91000	F	32-06-04	15,323.49000	F	32-11-08	15,643.80000	F			
31-07-14	14,692.75000	F	32-01-02	15,011.51000	F	32-06-06	15,331.11000	F	32-11-10	15,651.43000	F			
31-08-00	14,700.33000	F	32-01-04	15,019.11000	F	32-06-08	15,338.73000	F	32-11-12	15,659.07000	F			
31-08-02	14,707.90000	F	32-01-06	15,026.71000	F	32-06-10	15,346.35000	F	32-11-14	15,666.70000	F			
31-08-04	14,715.49000	F	32-01-08	15,034.32000	F	32-06-12	15,353.97000	F	33-00-00	15,674.34000	F			
31-08-06	14,723.07000	F	32-01-10	15,041.92000	F	32-06-14	15,361.58000	F	33-00-02	15,681.97000	F			
31-08-08	14,730.65000	F	32-01-12	15,049.52000	F	32-07-00	15,369.20000	F	33-00-04	15,689.61000	F			
31-08-10	14,738.23000	F	32-01-14	15,057.12000	F	32-07-02	15,376.82000	F	33-00-06	15,697.25000	F			
31-08-12	14,745.81000	F	32-02-00	15,064.72000	F	32-07-04	15,384.45000	F	33-00-08	15,704.89000	F			
31-08-14	14,753.40000	F	32-02-02	15,072.32000	F	32-07-06	15,392.07000	F	33-00-10	15,712.52000	F			
31-09-00	14,760.98000	F	32-02-04	15,079.93000	F	32-07-08	15,399.69000	F	33-00-12	15,720.16000	F			
31-09-02	14,768.56000	F	32-02-06	15,087.53000	F	32-07-10	15,407.31000	F	33-00-14	15,727.80000	F			
31-09-04	14,776.15000	F	32-02-08	15,095.14000	F	32-07-12	15,414.94000	F	33-01-00	15,735.44000	F			
31-09-06	14,783.73000	F	32-02-10	15,102.75000	F	32-07-14	15,422.56000	F	33-01-02	15,743.07000	F			
31-09-08	14,791.32000	F	32-02-12	15,110.35000	F	32-08-00	15,430.18000	F	33-01-04	15,750.71000	F			
31-09-10	14,798.91000	F	32-02-14	15,117.96000	F	32-08-02	15,437.80000	F	33-01-06	15,758.36000	F			
31-09-12	14,806.49000	F	32-03-00	15,125.56000	F	32-08-04	15,445.43000	F	33-01-08	15,766.00000	F			
31-09-14	14,814.08000	F	32-03-02	15,133.17000	F	32-08-06	15,453.06000	F	33-01-10	15,773.64000	F			
31-10-00	14,821.66000	F	32-03-04	15,140.78000	F	32-08-08	15,460.68000	F	33-01-12	15,781.28000	F			
31-10-02	14,829.25000	F	32-03-06	15,148.39000	F	32-08-10	15,468.31000	F	33-01-14	15,788.92000	F			
31-10-04	14,836.84000	F	32-03-08	15,155.99000	F	32-08-12	15,475.93000	F	33-02-00	15,796.56000	F			
31-10-06	14,844.43000	F	32-03-10	15,163.60000	F	32-08-14	15,483.56000	F	33-02-02	15,804.20000	F			
31-10-08	14,852.02000	F	32-03-12	15,171.21000	F	32-09-00	15,491.18000	F	33-02-04	15,811.84000	F			
31-10-10	14,859.61000	F	32-03-14	15,178.82000	F	32-09-02	15,498.81000	F	33-02-06	15,819.48000	F			
31-10-12	14,867.20000	F	32-04-00	15,186.43000	F	32-09-04	15,506.44000	F	33-02-08	15,827.13000	F			
31-10-14	14,874.79000	F	32-04-02	15,194.04000	F	32-09-06	15,514.07000	F	33-02-10	15,834.77000	F			
31-11-00	14,882.38000	F	32-04-04	15,201.65000	F	32-09-08	15,521.70000	F	33-02-12	15,842.41000	F			
31-11-02	14,889.97000	F	32-04-06	15,209.26000	F	32-09-10	15,529.33000	F	33-02-14	15,850.06000	F			

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction					
Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00					
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
33-03-00	15,857.70000	F	33-08-04	16,179.02000	F	34-01-08	16,500.82000	F	34-06-12	16,823.02000	F
33-03-02	15,865.34000	F	33-08-06	16,186.68000	F	34-01-10	16,508.49000	F	34-06-14	16,830.69000	F
33-03-04	15,872.99000	F	33-08-08	16,194.33000	F	34-01-12	16,516.16000	F	34-07-00	16,838.37000	F
33-03-06	15,880.63000	F	33-08-10	16,201.99000	F	34-01-14	16,523.83000	F	34-07-02	16,846.04000	F
33-03-08	15,888.28000	F	33-08-12	16,209.65000	F	34-02-00	16,531.49000	F	34-07-04	16,853.72000	F
33-03-10	15,895.92000	F	33-08-14	16,217.31000	F	34-02-02	16,539.16000	F	34-07-06	16,861.40000	F
33-03-12	15,903.57000	F	33-09-00	16,224.96000	F	34-02-04	16,546.83000	F	34-07-08	16,869.07000	F
33-03-14	15,911.22000	F	33-09-02	16,232.62000	F	34-02-06	16,554.50000	F	34-07-10	16,876.75000	F
33-04-00	15,918.86000	F	33-09-04	16,240.28000	F	34-02-08	16,562.17000	F	34-07-12	16,884.43000	F
33-04-02	15,926.51000	F	33-09-06	16,247.94000	F	34-02-10	16,569.84000	F	34-07-14	16,892.10000	F
33-04-04	15,934.15000	F	33-09-08	16,255.60000	F	34-02-12	16,577.51000	F	34-08-00	16,899.78000	F
33-04-06	15,941.80000	F	33-09-10	16,263.26000	F	34-02-14	16,585.17000	F	34-08-02	16,907.46000	F
33-04-08	15,949.45000	F	33-09-12	16,270.92000	F	34-03-00	16,592.84000	F	34-08-04	16,915.13000	F
33-04-10	15,957.10000	F	33-09-14	16,278.58000	F	34-03-02	16,600.51000	F	34-08-06	16,922.81000	F
33-04-12	15,964.75000	F	33-10-00	16,286.24000	F	34-03-04	16,608.18000	F	34-08-08	16,930.49000	F
33-04-14	15,972.40000	F	33-10-02	16,293.90000	F	34-03-06	16,615.85000	F	34-08-10	16,938.17000	F
33-05-00	15,980.04000	F	33-10-04	16,301.56000	F	34-03-08	16,623.52000	F	34-08-12	16,945.84000	F
33-05-02	15,987.69000	F	33-10-06	16,309.22000	F	34-03-10	16,631.20000	F	34-08-14	16,953.52000	F
33-05-04	15,995.34000	F	33-10-08	16,316.88000	F	34-03-12	16,638.87000	F	34-09-00	16,961.20000	F
33-05-06	16,002.99000	F	33-10-10	16,324.54000	F	34-03-14	16,646.54000	F	34-09-02	16,968.88000	F
33-05-08	16,010.64000	F	33-10-12	16,332.21000	F	34-04-00	16,654.21000	F	34-09-04	16,976.55000	F
33-05-10	16,018.29000	F	33-10-14	16,339.87000	F	34-04-02	16,661.88000	F	34-09-06	16,984.23000	F
33-05-12	16,025.95000	F	33-11-00	16,347.53000	F	34-04-04	16,669.55000	F	34-09-08	16,991.91000	F
33-05-14	16,033.60000	F	33-11-02	16,355.19000	F	34-04-06	16,677.22000	F	34-09-10	16,999.59000	F
33-06-00	16,041.25000	F	33-11-04	16,362.85000	F	34-04-08	16,684.89000	F	34-09-12	17,007.27000	F
33-06-02	16,048.90000	F	33-11-06	16,370.52000	F	34-04-10	16,692.57000	F	34-09-14	17,014.95000	F
33-06-04	16,056.55000	F	33-11-08	16,378.18000	F	34-04-12	16,700.24000	F	34-10-00	17,022.63000	F
33-06-06	16,064.20000	F	33-11-10	16,385.85000	F	34-04-14	16,707.91000	F	34-10-02	17,030.31000	F
33-06-08	16,071.86000	F	33-11-12	16,393.51000	F	34-05-00	16,715.58000	F	34-10-04	17,037.99000	F
33-06-10	16,079.51000	F	33-11-14	16,401.17000	F	34-05-02	16,723.26000	F	34-10-06	17,045.67000	F
33-06-12	16,087.16000	F	34-00-00	16,408.84000	F	34-05-04	16,730.93000	F	34-10-08	17,053.35000	F
33-06-14	16,094.81000	F	34-00-02	16,416.50000	F	34-05-06	16,738.60000	F	34-10-10	17,061.03000	F
33-07-00	16,102.47000	F	34-00-04	16,424.17000	F	34-05-08	16,746.28000	F	34-10-12	17,068.71000	F
33-07-02	16,110.12000	F	34-00-06	16,431.83000	F	34-05-10	16,753.95000	F	34-10-14	17,076.39000	F
33-07-04	16,117.78000	F	34-00-08	16,439.50000	F	34-05-12	16,761.62000	F	34-11-00	17,084.07000	F
33-07-06	16,125.43000	F	34-00-10	16,447.16000	F	34-05-14	16,769.30000	F	34-11-02	17,091.74000	F
33-07-08	16,133.09000	F	34-00-12	16,454.83000	F	34-06-00	16,776.97000	F	34-11-04	17,099.43000	F
33-07-10	16,140.74000	F	34-00-14	16,462.49000	F	34-06-02	16,784.64000	F	34-11-06	17,107.11000	F
33-07-12	16,148.40000	F	34-01-00	16,470.16000	F	34-06-04	16,792.32000	F	34-11-08	17,114.79000	F
33-07-14	16,156.05000	F	34-01-02	16,477.82000	F	34-06-06	16,799.99000	F	34-11-10	17,122.47000	F
33-08-00	16,163.71000	F	34-01-04	16,485.49000	F	34-06-08	16,807.67000	F	34-11-12	17,130.15000	F
33-08-02	16,171.36000	F	34-01-06	16,493.16000	F	34-06-10	16,815.34000	F	34-11-14	17,137.83000	F

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction	Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00	
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
35-00-00	17,145.51000	F	35-05-04	17,468.21000	F	35-10-08	17,791.72000	F	36-03-12	18,115.88000	F			
35-00-02	17,153.19000	F	35-05-06	17,475.89000	F	35-10-10	17,799.47000	F	36-03-14	18,123.56000	F			
35-00-04	17,160.87000	F	35-05-08	17,483.58000	F	35-10-12	17,807.22000	F	36-04-00	18,131.25000	F			
35-00-06	17,168.55000	F	35-05-10	17,491.26000	F	35-10-14	17,814.97000	F	36-04-02	18,138.94000	F			
35-00-08	17,176.24000	F	35-05-12	17,498.95000	F	35-11-00	17,822.72000	F	36-04-04	18,146.62000	F			
35-00-10	17,183.92000	F	35-05-14	17,506.63000	F	35-11-02	17,830.47000	F	36-04-06	18,154.31000	F			
35-00-12	17,191.60000	F	35-06-00	17,514.32000	F	35-11-04	17,838.22000	F	36-04-08	18,161.99000	F			
35-00-14	17,199.28000	F	35-06-02	17,522.00000	F	35-11-06	17,845.97000	F	36-04-10	18,169.68000	F			
35-01-00	17,206.96000	F	35-06-04	17,529.69000	F	35-11-08	17,853.72000	F	36-04-12	18,177.36000	F			
35-01-02	17,214.65000	F	35-06-06	17,537.38000	F	35-11-10	17,861.47000	F	36-04-14	18,185.05000	F			
35-01-04	17,222.33000	F	35-06-08	17,545.06000	F	35-11-12	17,869.22000	F	36-05-00	18,192.73000	F			
35-01-06	17,230.01000	F	35-06-10	17,552.75000	F	35-11-14	17,876.97000	F	36-05-02	18,200.42000	F			
35-01-08	17,237.69000	F	35-06-12	17,560.43000	F	36-00-00	17,884.72000	F	36-05-04	18,208.10000	F			
35-01-10	17,245.38000	F	35-06-14	17,568.12000	F	36-00-02	17,892.47000	F	36-05-06	18,215.79000	F			
35-01-12	17,253.06000	F	35-07-00	17,575.80000	F	36-00-04	17,900.22000	F	36-05-08	18,223.47000	F			
35-01-14	17,260.74000	F	35-07-02	17,583.49000	F	36-00-06	17,907.97000	F	36-05-10	18,231.16000	F			
35-02-00	17,268.42000	F	35-07-04	17,591.17000	F	36-00-08	17,915.72000	F	36-05-12	18,238.84000	F			
35-02-02	17,276.11000	F	35-07-06	17,598.86000	F	36-00-10	17,923.47000	F	36-05-14	18,246.53000	F			
35-02-04	17,283.79000	F	35-07-08	17,606.55000	F	36-00-12	17,931.22000	F	36-06-00	18,254.21000	F			
35-02-06	17,291.47000	F	35-07-10	17,614.23000	F	36-00-14	17,938.97000	F	36-06-02	18,261.90000	F			
35-02-08	17,299.16000	F	35-07-12	17,621.92000	F	36-01-00	17,946.72000	F	36-06-04	18,269.58000	F			
35-02-10	17,306.84000	F	35-07-14	17,629.60000	F	36-01-02	17,954.47000	F	36-06-06	18,277.26000	F			
35-02-12	17,314.52000	F	35-08-00	17,637.29000	F	36-01-04	17,962.16000	F	36-06-08	18,284.95000	F			
35-02-14	17,322.21000	F	35-08-02	17,644.98000	F	36-01-06	17,969.85000	F	36-06-10	18,292.63000	F			
35-03-00	17,329.89000	F	35-08-04	17,652.66000	F	36-01-08	17,977.53000	F	36-06-12	18,300.32000	F			
35-03-02	17,337.57000	F	35-08-06	17,660.35000	F	36-01-10	17,985.22000	F	36-06-14	18,308.00000	F			
35-03-04	17,345.26000	F	35-08-08	17,668.04000	F	36-01-12	17,992.90000	F	36-07-00	18,315.68000	F			
35-03-06	17,352.94000	F	35-08-10	17,675.72000	F	36-01-14	18,000.59000	F	36-07-02	18,323.37000	F			
35-03-08	17,360.63000	F	35-08-12	17,683.41000	F	36-02-00	18,008.28000	F	36-07-04	18,331.05000	F			
35-03-10	17,368.31000	F	35-08-14	17,691.09000	F	36-02-02	18,015.96000	F	36-07-06	18,338.74000	F			
35-03-12	17,375.99000	F	35-09-00	17,698.78000	F	36-02-04	18,023.65000	F	36-07-08	18,346.42000	F			
35-03-14	17,383.68000	F	35-09-02	17,706.47000	F	36-02-06	18,031.33000	F	36-07-10	18,354.10000	F			
35-04-00	17,391.36000	F	35-09-04	17,714.22000	F	36-02-08	18,039.02000	F	36-07-12	18,361.79000	F			
35-04-02	17,399.05000	F	35-09-06	17,721.97000	F	36-02-10	18,046.71000	F	36-07-14	18,369.47000	F			
35-04-04	17,406.73000	F	35-09-08	17,729.72000	F	36-02-12	18,054.39000	F	36-08-00	18,377.15000	F			
35-04-06	17,414.41000	F	35-09-10	17,737.47000	F	36-02-14	18,062.08000	F	36-08-02	18,384.84000	F			
35-04-08	17,422.10000	F	35-09-12	17,745.22000	F	36-03-00	18,069.76000	F	36-08-04	18,392.52000	F			
35-04-10	17,429.78000	F	35-09-14	17,752.97000	F	36-03-02	18,077.45000	F	36-08-06	18,400.20000	F			
35-04-12	17,437.47000	F	35-10-00	17,760.72000	F	36-03-04	18,085.14000	F	36-08-08	18,407.89000	F			
35-04-14	17,445.15000	F	35-10-02	17,768.47000	F	36-03-06	18,092.82000	F	36-08-10	18,415.57000	F			
35-05-00	17,452.84000	F	35-10-04	17,776.22000	F	36-03-08	18,100.51000	F	36-08-12	18,423.25000	F			
35-05-02	17,460.52000	F	35-10-06	17,783.97000	F	36-03-10	18,108.19000	F	36-08-14	18,430.93000	F			

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction					
Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00					
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
36-09-00	18,438.62000	F	37-02-04	18,761.18000	F	37-07-08	19,083.48000	F	38-00-12	19,405.42000	F
36-09-02	18,446.30000	F	37-02-06	18,768.86000	F	37-07-10	19,091.15000	F	38-00-14	19,413.08000	F
36-09-04	18,453.98000	F	37-02-08	18,776.54000	F	37-07-12	19,098.82000	F	38-01-00	19,420.74000	F
36-09-06	18,461.66000	F	37-02-10	18,784.21000	F	37-07-14	19,106.49000	F	38-01-02	19,428.40000	F
36-09-08	18,469.35000	F	37-02-12	18,791.89000	F	37-08-00	19,114.16000	F	38-01-04	19,436.06000	F
36-09-10	18,477.03000	F	37-02-14	18,799.57000	F	37-08-02	19,121.83000	F	38-01-06	19,443.71000	F
36-09-12	18,484.71000	F	37-03-00	18,807.24000	F	37-08-04	19,129.49000	F	38-01-08	19,451.37000	F
36-09-14	18,492.39000	F	37-03-02	18,814.92000	F	37-08-06	19,137.16000	F	38-01-10	19,459.03000	F
36-10-00	18,500.07000	F	37-03-04	18,822.59000	F	37-08-08	19,144.83000	F	38-01-12	19,466.69000	F
36-10-02	18,507.76000	F	37-03-06	18,830.27000	F	37-08-10	19,152.50000	F	38-01-14	19,474.35000	F
36-10-04	18,515.44000	F	37-03-08	18,837.95000	F	37-08-12	19,160.17000	F	38-02-00	19,482.01000	F
36-10-06	18,523.12000	F	37-03-10	18,845.62000	F	37-08-14	19,167.83000	F	38-02-02	19,489.66000	F
36-10-08	18,530.80000	F	37-03-12	18,853.30000	F	37-09-00	19,175.50000	F	38-02-04	19,497.32000	F
36-10-10	18,538.48000	F	37-03-14	18,860.97000	F	37-09-02	19,183.17000	F	38-02-06	19,504.98000	F
36-10-12	18,546.16000	F	37-04-00	18,868.65000	F	37-09-04	19,190.84000	F	38-02-08	19,512.63000	F
36-10-14	18,553.84000	F	37-04-02	18,876.32000	F	37-09-06	19,198.50000	F	38-02-10	19,520.29000	F
36-11-00	18,561.52000	F	37-04-04	18,884.00000	F	37-09-08	19,206.17000	F	38-02-12	19,527.95000	F
36-11-02	18,569.21000	F	37-04-06	18,891.67000	F	37-09-10	19,213.84000	F	38-02-14	19,535.60000	F
36-11-04	18,576.89000	F	37-04-08	18,899.35000	F	37-09-12	19,221.50000	F	38-03-00	19,543.26000	F
36-11-06	18,584.57000	F	37-04-10	18,907.02000	F	37-09-14	19,229.17000	F	38-03-02	19,550.91000	F
36-11-08	18,592.25000	F	37-04-12	18,914.70000	F	37-10-00	19,236.83000	F	38-03-04	19,558.57000	F
36-11-10	18,599.93000	F	37-04-14	18,922.37000	F	37-10-02	19,244.50000	F	38-03-06	19,566.22000	F
36-11-12	18,607.61000	F	37-05-00	18,930.04000	F	37-10-04	19,252.16000	F	38-03-08	19,573.88000	F
36-11-14	18,615.29000	F	37-05-02	18,937.72000	F	37-10-06	19,259.83000	F	38-03-10	19,581.53000	F
37-00-00	18,622.97000	F	37-05-04	18,945.39000	F	37-10-08	19,267.49000	F	38-03-12	19,589.18000	F
37-00-02	18,630.65000	F	37-05-06	18,953.06000	F	37-10-10	19,275.16000	F	38-03-14	19,596.84000	F
37-00-04	18,638.33000	F	37-05-08	18,960.74000	F	37-10-12	19,282.82000	F	38-04-00	19,604.49000	F
37-00-06	18,646.01000	F	37-05-10	18,968.41000	F	37-10-14	19,290.49000	F	38-04-02	19,612.15000	F
37-00-08	18,653.68000	F	37-05-12	18,976.08000	F	37-11-00	19,298.15000	F	38-04-04	19,619.80000	F
37-00-10	18,661.36000	F	37-05-14	18,983.75000	F	37-11-02	19,305.82000	F	38-04-06	19,627.45000	F
37-00-12	18,669.04000	F	37-06-00	18,991.43000	F	37-11-04	19,313.48000	F	38-04-08	19,635.10000	F
37-00-14	18,676.72000	F	37-06-02	18,999.10000	F	37-11-06	19,321.14000	F	38-04-10	19,642.75000	F
37-01-00	18,684.40000	F	37-06-04	19,006.77000	F	37-11-08	19,328.80000	F	38-04-12	19,650.40000	F
37-01-02	18,692.08000	F	37-06-06	19,014.44000	F	37-11-10	19,336.46000	F	38-04-14	19,658.06000	F
37-01-04	18,699.76000	F	37-06-08	19,022.11000	F	37-11-12	19,344.13000	F	38-05-00	19,665.71000	F
37-01-06	18,707.44000	F	37-06-10	19,029.78000	F	37-11-14	19,351.79000	F	38-05-02	19,673.36000	F
37-01-08	18,715.11000	F	37-06-12	19,037.46000	F	38-00-00	19,359.45000	F	38-05-04	19,681.01000	F
37-01-10	18,722.79000	F	37-06-14	19,045.13000	F	38-00-02	19,367.11000	F	38-05-06	19,688.66000	F
37-01-12	18,730.47000	F	37-07-00	19,052.80000	F	38-00-04	19,374.77000	F	38-05-08	19,696.31000	F
37-01-14	18,738.15000	F	37-07-02	19,060.47000	F	38-00-06	19,382.44000	F	38-05-10	19,703.96000	F
37-02-00	18,745.83000	F	37-07-04	19,068.14000	F	38-00-08	19,390.10000	F	38-05-12	19,711.61000	F
37-02-02	18,753.50000	F	37-07-06	19,075.81000	F	38-00-10	19,397.76000	F	38-05-14	19,719.25000	F

All values are based on 1/8 of an inch

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction	Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00	
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
38-06-00	19,726.90000	F	38-11-04	20,047.84000	F	39-04-08	20,368.12000	F	39-09-12	20,687.67000	F			
38-06-02	19,734.55000	F	38-11-06	20,055.47000	F	39-04-10	20,375.74000	F	39-09-14	20,695.27000	F			
38-06-04	19,742.20000	F	38-11-08	20,063.10000	F	39-04-12	20,383.36000	F	39-10-00	20,702.87000	F			
38-06-06	19,749.85000	F	38-11-10	20,070.74000	F	39-04-14	20,390.97000	F	39-10-02	20,710.47000	F			
38-06-08	19,757.49000	F	38-11-12	20,078.37000	F	39-05-00	20,398.59000	F	39-10-04	20,718.06000	F			
38-06-10	19,765.14000	F	38-11-14	20,086.00000	F	39-05-02	20,406.21000	F	39-10-06	20,725.66000	F			
38-06-12	19,772.79000	F	39-00-00	20,093.63000	F	39-05-04	20,413.82000	F	39-10-08	20,733.25000	F			
38-06-14	19,780.43000	F	39-00-02	20,101.27000	F	39-05-06	20,421.43000	F	39-10-10	20,740.85000	F			
38-07-00	19,788.08000	F	39-00-04	20,108.90000	F	39-05-08	20,429.05000	F	39-10-12	20,748.45000	F			
38-07-02	19,795.73000	F	39-00-06	20,116.53000	F	39-05-10	20,436.66000	F	39-10-14	20,756.04000	F			
38-07-04	19,803.37000	F	39-00-08	20,124.16000	F	39-05-12	20,444.28000	F	39-11-00	20,763.64000	F			
38-07-06	19,811.01000	F	39-00-10	20,131.79000	F	39-05-14	20,451.89000	F	39-11-02	20,771.23000	F			
38-07-08	19,818.66000	F	39-00-12	20,139.42000	F	39-06-00	20,459.50000	F	39-11-04	20,778.82000	F			
38-07-10	19,826.30000	F	39-00-14	20,147.05000	F	39-06-02	20,467.12000	F	39-11-06	20,786.41000	F			
38-07-12	19,833.95000	F	39-01-00	20,154.68000	F	39-06-04	20,474.73000	F	39-11-08	20,794.01000	F			
38-07-14	19,841.59000	F	39-01-02	20,162.30000	F	39-06-06	20,482.34000	F	39-11-10	20,801.60000	F			
38-08-00	19,849.23000	F	39-01-04	20,169.93000	F	39-06-08	20,489.95000	F	39-11-12	20,809.19000	F			
38-08-02	19,856.88000	F	39-01-06	20,177.56000	F	39-06-10	20,497.56000	F	39-11-14	20,816.78000	F			
38-08-04	19,864.52000	F	39-01-08	20,185.19000	F	39-06-12	20,505.17000	F	40-00-00	20,824.37000	F			
38-08-06	19,872.16000	F	39-01-10	20,192.81000	F	39-06-14	20,512.78000	F	40-00-02	20,831.96000	F			
38-08-08	19,879.80000	F	39-01-12	20,200.44000	F	39-07-00	20,520.39000	F	40-00-04	20,839.55000	F			
38-08-10	19,887.44000	F	39-01-14	20,208.07000	F	39-07-02	20,528.00000	F	40-00-06	20,847.14000	F			
38-08-12	19,895.08000	F	39-02-00	20,215.69000	F	39-07-04	20,535.60000	F	40-00-08	20,854.73000	F			
38-08-14	19,902.73000	F	39-02-02	20,223.32000	F	39-07-06	20,543.21000	F	40-00-10	20,862.31000	F			
38-09-00	19,910.37000	F	39-02-04	20,230.94000	F	39-07-08	20,550.82000	F	40-00-12	20,869.90000	F			
38-09-02	19,918.01000	F	39-02-06	20,238.57000	F	39-07-10	20,558.42000	F	40-00-14	20,877.49000	F			
38-09-04	19,925.65000	F	39-02-08	20,246.19000	F	39-07-12	20,566.03000	F	40-01-00	20,885.08000	F			
38-09-06	19,933.29000	F	39-02-10	20,253.81000	F	39-07-14	20,573.64000	F	40-01-02	20,892.66000	F			
38-09-08	19,940.92000	F	39-02-12	20,261.44000	F	39-08-00	20,581.24000	F	40-01-04	20,900.25000	F			
38-09-10	19,948.56000	F	39-02-14	20,269.06000	F	39-08-02	20,588.85000	F	40-01-06	20,907.83000	F			
38-09-12	19,956.20000	F	39-03-00	20,276.68000	F	39-08-04	20,596.45000	F	40-01-08	20,915.42000	F			
38-09-14	19,963.84000	F	39-03-02	20,284.31000	F	39-08-06	20,604.06000	F	40-01-10	20,923.00000	F			
38-10-00	19,971.48000	F	39-03-04	20,291.93000	F	39-08-08	20,611.66000	F	40-01-12	20,930.58000	F			
38-10-02	19,979.12000	F	39-03-06	20,299.55000	F	39-08-10	20,619.26000	F	40-01-14	20,938.17000	F			
38-10-04	19,986.75000	F	39-03-08	20,307.17000	F	39-08-12	20,626.87000	F	40-02-00	20,945.75000	F			
38-10-06	19,994.39000	F	39-03-10	20,314.79000	F	39-08-14	20,634.47000	F	40-02-02	20,953.33000	F			
38-10-08	20,002.03000	F	39-03-12	20,322.41000	F	39-09-00	20,642.07000	F	40-02-04	20,960.91000	F			
38-10-10	20,009.66000	F	39-03-14	20,330.03000	F	39-09-02	20,649.67000	F	40-02-06	20,968.49000	F			
38-10-12	20,017.30000	F	39-04-00	20,337.65000	F	39-09-04	20,657.27000	F	40-02-08	20,976.07000	F			
38-10-14	20,024.93000	F	39-04-02	20,345.27000	F	39-09-06	20,664.87000	F	40-02-10	20,983.65000	F			
38-11-00	20,032.57000	F	39-04-04	20,352.89000	F	39-09-08	20,672.47000	F	40-02-12	20,991.23000	F			
38-11-02	20,040.20000	F	39-04-06	20,360.51000	F	39-09-10	20,680.07000	F	40-02-14	20,998.81000	F			

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction	Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00	
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
40-03-00	21,006.39000	F	40-08-04	21,324.18000	F	41-01-08	21,640.96000	F	41-06-12	21,956.62000	F			
40-03-02	21,013.97000	F	40-08-06	21,331.74000	F	41-01-10	21,648.49000	F	41-06-14	21,964.13000	F			
40-03-04	21,021.54000	F	40-08-08	21,339.29000	F	41-01-12	21,656.01000	F	41-07-00	21,971.63000	F			
40-03-06	21,029.12000	F	40-08-10	21,346.84000	F	41-01-14	21,663.54000	F	41-07-02	21,979.13000	F			
40-03-08	21,036.69000	F	40-08-12	21,354.39000	F	41-02-00	21,671.07000	F	41-07-04	21,986.63000	F			
40-03-10	21,044.27000	F	40-08-14	21,361.95000	F	41-02-02	21,678.60000	F	41-07-06	21,994.13000	F			
40-03-12	21,051.84000	F	40-09-00	21,369.50000	F	41-02-04	21,686.12000	F	41-07-08	22,001.62000	F			
40-03-14	21,059.42000	F	40-09-02	21,377.05000	F	41-02-06	21,693.65000	F	41-07-10	22,009.12000	F			
40-04-00	21,067.00000	F	40-09-04	21,384.60000	F	41-02-08	21,701.17000	F	41-07-12	22,016.62000	F			
40-04-02	21,074.57000	F	40-09-06	21,392.15000	F	41-02-10	21,708.70000	F	41-07-14	22,024.11000	F			
40-04-04	21,082.14000	F	40-09-08	21,399.70000	F	41-02-12	21,716.22000	F	41-08-00	22,031.61000	F			
40-04-06	21,089.71000	F	40-09-10	21,407.25000	F	41-02-14	21,723.74000	F	41-08-02	22,039.11000	F			
40-04-08	21,097.28000	F	40-09-12	21,414.80000	F	41-03-00	21,731.27000	F	41-08-04	22,046.60000	F			
40-04-10	21,104.85000	F	40-09-14	21,422.34000	F	41-03-02	21,738.79000	F	41-08-06	22,054.09000	F			
40-04-12	21,112.43000	F	40-10-00	21,429.89000	F	41-03-04	21,746.31000	F	41-08-08	22,061.58000	F			
40-04-14	21,120.00000	F	40-10-02	21,437.44000	F	41-03-06	21,753.83000	F	41-08-10	22,069.07000	F			
40-05-00	21,127.57000	F	40-10-04	21,444.98000	F	41-03-08	21,761.35000	F	41-08-12	22,076.57000	F			
40-05-02	21,135.14000	F	40-10-06	21,452.53000	F	41-03-10	21,768.87000	F	41-08-14	22,084.06000	F			
40-05-04	21,142.71000	F	40-10-08	21,460.07000	F	41-03-12	21,776.38000	F	41-09-00	22,091.55000	F			
40-05-06	21,150.27000	F	40-10-10	21,467.62000	F	41-03-14	21,783.90000	F	41-09-02	22,099.04000	F			
40-05-08	21,157.84000	F	40-10-12	21,475.16000	F	41-04-00	21,791.42000	F	41-09-04	22,106.53000	F			
40-05-10	21,165.40000	F	40-10-14	21,482.70000	F	41-04-02	21,798.94000	F	41-09-06	22,114.01000	F			
40-05-12	21,172.97000	F	40-11-00	21,490.25000	F	41-04-04	21,806.45000	F	41-09-08	22,121.50000	F			
40-05-14	21,180.54000	F	40-11-02	21,497.79000	F	41-04-06	21,813.97000	F	41-09-10	22,128.98000	F			
40-06-00	21,188.10000	F	40-11-04	21,505.33000	F	41-04-08	21,821.48000	F	41-09-12	22,136.47000	F			
40-06-02	21,195.67000	F	40-11-06	21,512.87000	F	41-04-10	21,828.99000	F	41-09-14	22,143.95000	F			
40-06-04	21,203.23000	F	40-11-08	21,520.41000	F	41-04-12	21,836.51000	F	41-10-00	22,151.44000	F			
40-06-06	21,210.80000	F	40-11-10	21,527.94000	F	41-04-14	21,844.02000	F	41-10-02	22,158.93000	F			
40-06-08	21,218.36000	F	40-11-12	21,535.48000	F	41-05-00	21,851.53000	F	41-10-04	22,166.41000	F			
40-06-10	21,225.92000	F	40-11-14	21,543.02000	F	41-05-02	21,859.05000	F	41-10-06	22,173.89000	F			
40-06-12	21,233.48000	F	41-00-00	21,550.56000	F	41-05-04	21,866.56000	F	41-10-08	22,181.37000	F			
40-06-14	21,241.04000	F	41-00-02	21,558.10000	F	41-05-06	21,874.06000	F	41-10-10	22,188.85000	F			
40-07-00	21,248.61000	F	41-00-04	21,565.63000	F	41-05-08	21,881.57000	F	41-10-12	22,196.33000	F			
40-07-02	21,256.17000	F	41-00-06	21,573.17000	F	41-05-10	21,889.08000	F	41-10-14	22,203.81000	F			
40-07-04	21,263.73000	F	41-00-08	21,580.70000	F	41-05-12	21,896.59000	F	41-11-00	22,211.29000	F			
40-07-06	21,271.28000	F	41-00-10	21,588.24000	F	41-05-14	21,904.10000	F	41-11-02	22,218.77000	F			
40-07-08	21,278.84000	F	41-00-12	21,595.77000	F	41-06-00	21,911.60000	F	41-11-04	22,226.24000	F			
40-07-10	21,286.40000	F	41-00-14	21,603.30000	F	41-06-02	21,919.11000	F	41-11-06	22,233.71000	F			
40-07-12	21,293.96000	F	41-01-00	21,610.84000	F	41-06-04	21,926.61000	F	41-11-08	22,241.19000	F			
40-07-14	21,301.51000	F	41-01-02	21,618.37000	F	41-06-06	21,934.12000	F	41-11-10	22,248.66000	F			
40-08-00	21,309.07000	F	41-01-04	21,625.90000	F	41-06-08	21,941.62000	F	41-11-12	22,256.14000	F			
40-08-02	21,316.63000	F	41-01-06	21,633.43000	F	41-06-10	21,949.12000	F	41-11-14	22,263.61000	F			

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction					
Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00					
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
42-00-00	22,271.09000	F	42-05-04	22,584.24000	F	42-10-08	22,896.00000	F	43-03-12	23,206.27000	F
42-00-02	22,278.56000	F	42-05-06	22,591.68000	F	42-10-10	22,903.40000	F	43-03-14	23,213.64000	F
42-00-04	22,286.03000	F	42-05-08	22,599.11000	F	42-10-12	22,910.80000	F	43-04-00	23,221.01000	F
42-00-06	22,293.50000	F	42-05-10	22,606.55000	F	42-10-14	22,918.21000	F	43-04-02	23,228.38000	F
42-00-08	22,300.96000	F	42-05-12	22,613.99000	F	42-11-00	22,925.61000	F	43-04-04	23,235.74000	F
42-00-10	22,308.43000	F	42-05-14	22,621.43000	F	42-11-02	22,933.02000	F	43-04-06	23,243.10000	F
42-00-12	22,315.90000	F	42-06-00	22,628.86000	F	42-11-04	22,940.42000	F	43-04-08	23,250.46000	F
42-00-14	22,323.37000	F	42-06-02	22,636.30000	F	42-11-06	22,947.81000	F	43-04-10	23,257.83000	F
42-01-00	22,330.84000	F	42-06-04	22,643.73000	F	42-11-08	22,955.21000	F	43-04-12	23,265.19000	F
42-01-02	22,338.30000	F	42-06-06	22,651.16000	F	42-11-10	22,962.61000	F	43-04-14	23,272.55000	F
42-01-04	22,345.77000	F	42-06-08	22,658.59000	F	42-11-12	22,970.01000	F	43-05-00	23,279.91000	F
42-01-06	22,353.23000	F	42-06-10	22,666.03000	F	42-11-14	22,977.41000	F	43-05-02	23,287.28000	F
42-01-08	22,360.69000	F	42-06-12	22,673.46000	F	43-00-00	22,984.80000	F	43-05-04	23,294.63000	F
42-01-10	22,368.15000	F	42-06-14	22,680.89000	F	43-00-02	22,992.20000	F	43-05-06	23,301.99000	F
42-01-12	22,375.62000	F	42-07-00	22,688.32000	F	43-00-04	22,999.59000	F	43-05-08	23,309.34000	F
42-01-14	22,383.08000	F	42-07-02	22,695.75000	F	43-00-06	23,006.98000	F	43-05-10	23,316.70000	F
42-02-00	22,390.54000	F	42-07-04	22,703.17000	F	43-00-08	23,014.37000	F	43-05-12	23,324.05000	F
42-02-02	22,398.00000	F	42-07-06	22,710.60000	F	43-00-10	23,021.76000	F	43-05-14	23,331.41000	F
42-02-04	22,405.46000	F	42-07-08	22,718.02000	F	43-00-12	23,029.16000	F	43-06-00	23,338.76000	F
42-02-06	22,412.91000	F	42-07-10	22,725.45000	F	43-00-14	23,036.55000	F	43-06-02	23,346.12000	F
42-02-08	22,420.37000	F	42-07-12	22,732.87000	F	43-01-00	23,043.94000	F	43-06-04	23,353.47000	F
42-02-10	22,427.83000	F	42-07-14	22,740.30000	F	43-01-02	23,051.33000	F	43-06-06	23,360.82000	F
42-02-12	22,435.28000	F	42-08-00	22,747.72000	F	43-01-04	23,058.71000	F	43-06-08	23,368.16000	F
42-02-14	22,442.74000	F	42-08-02	22,755.15000	F	43-01-06	23,066.10000	F	43-06-10	23,375.51000	F
42-03-00	22,450.20000	F	42-08-04	22,762.56000	F	43-01-08	23,073.48000	F	43-06-12	23,382.86000	F
42-03-02	22,457.65000	F	42-08-06	22,769.98000	F	43-01-10	23,080.86000	F	43-06-14	23,390.21000	F
42-03-04	22,465.10000	F	42-08-08	22,777.40000	F	43-01-12	23,088.25000	F	43-07-00	23,397.56000	F
42-03-06	22,472.55000	F	42-08-10	22,784.82000	F	43-01-14	23,095.63000	F	43-07-02	23,404.90000	F
42-03-08	22,480.00000	F	42-08-12	22,792.24000	F	43-02-00	23,103.02000	F	43-07-04	23,412.24000	F
42-03-10	22,487.45000	F	42-08-14	22,799.65000	F	43-02-02	23,110.40000	F	43-07-06	23,419.58000	F
42-03-12	22,494.90000	F	42-09-00	22,807.07000	F	43-02-04	23,117.78000	F	43-07-08	23,426.93000	F
42-03-14	22,502.35000	F	42-09-02	22,814.49000	F	43-02-06	23,125.15000	F	43-07-10	23,434.27000	F
42-04-00	22,509.80000	F	42-09-04	22,821.90000	F	43-02-08	23,132.53000	F	43-07-12	23,441.61000	F
42-04-02	22,517.25000	F	42-09-06	22,829.31000	F	43-02-10	23,139.91000	F	43-07-14	23,448.95000	F
42-04-04	22,524.70000	F	42-09-08	22,836.72000	F	43-02-12	23,147.29000	F	43-08-00	23,456.29000	F
42-04-06	22,532.14000	F	42-09-10	22,844.14000	F	43-02-14	23,154.66000	F	43-08-02	23,463.63000	F
42-04-08	22,539.58000	F	42-09-12	22,851.55000	F	43-03-00	23,162.04000	F	43-08-04	23,470.96000	F
42-04-10	22,547.03000	F	42-09-14	22,858.96000	F	43-03-02	23,169.42000	F	43-08-06	23,478.29000	F
42-04-12	22,554.47000	F	42-10-00	22,866.37000	F	43-03-04	23,176.79000	F	43-08-08	23,485.63000	F
42-04-14	22,561.91000	F	42-10-02	22,873.78000	F	43-03-06	23,184.16000	F	43-08-10	23,492.96000	F
42-05-00	22,569.36000	F	42-10-04	22,881.19000	F	43-03-08	23,191.53000	F	43-08-12	23,500.29000	F
42-05-02	22,576.80000	F	42-10-06	22,888.59000	F	43-03-10	23,198.90000	F	43-08-14	23,507.63000	F

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction					
Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00					
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
43-09-00	23,514.96000	F	44-02-04	23,821.98000	F	44-07-08	24,127.21000	F	45-00-12	24,430.59000	F
43-09-02	23,522.29000	F	44-02-06	23,829.26000	F	44-07-10	24,134.46000	F	45-00-14	24,437.79000	F
43-09-04	23,529.62000	F	44-02-08	23,836.55000	F	44-07-12	24,141.70000	F	45-01-00	24,444.99000	F
43-09-06	23,536.94000	F	44-02-10	23,843.83000	F	44-07-14	24,148.95000	F	45-01-02	24,452.19000	F
43-09-08	23,544.27000	F	44-02-12	23,851.12000	F	44-08-00	24,156.19000	F	45-01-04	24,459.39000	F
43-09-10	23,551.59000	F	44-02-14	23,858.41000	F	44-08-02	24,163.44000	F	45-01-06	24,466.58000	F
43-09-12	23,558.92000	F	44-03-00	23,865.69000	F	44-08-04	24,170.67000	F	45-01-08	24,473.77000	F
43-09-14	23,566.24000	F	44-03-02	23,872.98000	F	44-08-06	24,177.91000	F	45-01-10	24,480.96000	F
43-10-00	23,573.57000	F	44-03-04	23,880.26000	F	44-08-08	24,185.15000	F	45-01-12	24,488.15000	F
43-10-02	23,580.90000	F	44-03-06	23,887.53000	F	44-08-10	24,192.38000	F	45-01-14	24,495.35000	F
43-10-04	23,588.21000	F	44-03-08	23,894.81000	F	44-08-12	24,199.62000	F	45-02-00	24,502.54000	F
43-10-06	23,595.53000	F	44-03-10	23,902.09000	F	44-08-14	24,206.85000	F	45-02-02	24,509.73000	F
43-10-08	23,602.85000	F	44-03-12	23,909.37000	F	44-09-00	24,214.09000	F	45-02-04	24,516.92000	F
43-10-10	23,610.17000	F	44-03-14	23,916.65000	F	44-09-02	24,221.33000	F	45-02-06	24,524.10000	F
43-10-12	23,617.48000	F	44-04-00	23,923.92000	F	44-09-04	24,228.55000	F	45-02-08	24,531.28000	F
43-10-14	23,624.80000	F	44-04-02	23,931.20000	F	44-09-06	24,235.78000	F	45-02-10	24,538.47000	F
43-11-00	23,632.12000	F	44-04-04	23,938.47000	F	44-09-08	24,243.01000	F	45-02-12	24,545.65000	F
43-11-02	23,639.44000	F	44-04-06	23,945.74000	F	44-09-10	24,250.24000	F	45-02-14	24,552.83000	F
43-11-04	23,646.75000	F	44-04-08	23,953.01000	F	44-09-12	24,257.47000	F	45-03-00	24,560.02000	F
43-11-06	23,654.06000	F	44-04-10	23,960.28000	F	44-09-14	24,264.69000	F	45-03-02	24,567.20000	F
43-11-08	23,661.37000	F	44-04-12	23,967.55000	F	44-10-00	24,271.92000	F	45-03-04	24,574.37000	F
43-11-10	23,668.68000	F	44-04-14	23,974.82000	F	44-10-02	24,279.15000	F	45-03-06	24,581.55000	F
43-11-12	23,675.99000	F	44-05-00	23,982.09000	F	44-10-04	24,286.37000	F	45-03-08	24,588.72000	F
43-11-14	23,683.30000	F	44-05-02	23,989.36000	F	44-10-06	24,293.59000	F	45-03-10	24,595.90000	F
44-00-00	23,690.61000	F	44-05-04	23,996.62000	F	44-10-08	24,300.81000	F	45-03-12	24,603.07000	F
44-00-02	23,697.92000	F	44-05-06	24,003.88000	F	44-10-10	24,308.02000	F	45-03-14	24,610.25000	F
44-00-04	23,705.22000	F	44-05-08	24,011.15000	F	44-10-12	24,315.24000	F	45-04-00	24,617.42000	F
44-00-06	23,712.52000	F	44-05-10	24,018.41000	F	44-10-14	24,322.46000	F	45-04-02	24,624.59000	F
44-00-08	23,719.82000	F	44-05-12	24,025.67000	F	44-11-00	24,329.68000	F	45-04-04	24,631.76000	F
44-00-10	23,727.13000	F	44-05-14	24,032.93000	F	44-11-02	24,336.90000	F	45-04-06	24,638.92000	F
44-00-12	23,734.43000	F	44-06-00	24,040.19000	F	44-11-04	24,344.11000	F	45-04-08	24,646.09000	F
44-00-14	23,741.73000	F	44-06-02	24,047.45000	F	44-11-06	24,351.32000	F	45-04-10	24,653.26000	F
44-01-00	23,749.03000	F	44-06-04	24,054.71000	F	44-11-08	24,358.53000	F	45-04-12	24,660.42000	F
44-01-02	23,756.34000	F	44-06-06	24,061.96000	F	44-11-10	24,365.74000	F	45-04-14	24,667.59000	F
44-01-04	23,763.63000	F	44-06-08	24,069.21000	F	44-11-12	24,372.95000	F	45-05-00	24,674.75000	F
44-01-06	23,770.92000	F	44-06-10	24,076.47000	F	44-11-14	24,380.16000	F	45-05-02	24,681.92000	F
44-01-08	23,778.22000	F	44-06-12	24,083.72000	F	45-00-00	24,387.37000	F	45-05-04	24,689.07000	F
44-01-10	23,785.51000	F	44-06-14	24,090.97000	F	45-00-02	24,394.58000	F	45-05-06	24,696.23000	F
44-01-12	23,792.81000	F	44-07-00	24,098.23000	F	45-00-04	24,401.78000	F	45-05-08	24,703.38000	F
44-01-14	23,800.10000	F	44-07-02	24,105.48000	F	45-00-06	24,408.98000	F	45-05-10	24,710.54000	F
44-02-00	23,807.39000	F	44-07-04	24,112.72000	F	45-00-08	24,416.19000	F	45-05-12	24,717.70000	F
44-02-02	23,814.69000	F	44-07-06	24,119.97000	F	45-00-10	24,423.39000	F	45-05-14	24,724.85000	F

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction	Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00	
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
45-06-00	24,732.01000	F	45-11-04	25,031.37000	F	46-04-08	25,328.58000	F	46-09-12	25,623.56000	F			
45-06-02	24,739.16000	F	45-11-06	25,038.47000	F	46-04-10	25,335.63000	F	46-09-14	25,630.56000	F			
45-06-04	24,746.31000	F	45-11-08	25,045.57000	F	46-04-12	25,342.68000	F	46-10-00	25,637.55000	F			
45-06-06	24,753.46000	F	45-11-10	25,052.67000	F	46-04-14	25,349.73000	F	46-10-02	25,644.55000	F			
45-06-08	24,760.60000	F	45-11-12	25,059.77000	F	46-05-00	25,356.78000	F	46-10-04	25,651.54000	F			
45-06-10	24,767.75000	F	45-11-14	25,066.86000	F	46-05-02	25,363.83000	F	46-10-06	25,658.52000	F			
45-06-12	24,774.90000	F	46-00-00	25,073.96000	F	46-05-04	25,370.87000	F	46-10-08	25,665.51000	F			
45-06-14	24,782.04000	F	46-00-02	25,081.06000	F	46-05-06	25,377.90000	F	46-10-10	25,672.50000	F			
45-07-00	24,789.19000	F	46-00-04	25,088.15000	F	46-05-08	25,384.94000	F	46-10-12	25,679.48000	F			
45-07-02	24,796.34000	F	46-00-06	25,095.24000	F	46-05-10	25,391.98000	F	46-10-14	25,686.47000	F			
45-07-04	24,803.47000	F	46-00-08	25,102.33000	F	46-05-12	25,399.02000	F	46-11-00	25,693.46000	F			
45-07-06	24,810.61000	F	46-00-10	25,109.42000	F	46-05-14	25,406.06000	F	46-11-02	25,700.44000	F			
45-07-08	24,817.75000	F	46-00-12	25,116.51000	F	46-06-00	25,413.10000	F	46-11-04	25,707.42000	F			
45-07-10	24,824.89000	F	46-00-14	25,123.60000	F	46-06-02	25,420.14000	F	46-11-06	25,714.40000	F			
45-07-12	24,832.02000	F	46-01-00	25,130.68000	F	46-06-04	25,427.17000	F	46-11-08	25,721.37000	F			
45-07-14	24,839.16000	F	46-01-02	25,137.77000	F	46-06-06	25,434.19000	F	46-11-10	25,728.35000	F			
45-08-00	24,846.30000	F	46-01-04	25,144.85000	F	46-06-08	25,441.22000	F	46-11-12	25,735.32000	F			
45-08-02	24,853.43000	F	46-01-06	25,151.93000	F	46-06-10	25,448.25000	F	46-11-14	25,742.30000	F			
45-08-04	24,860.56000	F	46-01-08	25,159.01000	F	46-06-12	25,455.28000	F	47-00-00	25,749.27000	F			
45-08-06	24,867.69000	F	46-01-10	25,166.09000	F	46-06-14	25,462.31000	F	47-00-02	25,756.25000	F			
45-08-08	24,874.82000	F	46-01-12	25,173.17000	F	46-07-00	25,469.34000	F	47-00-04	25,763.22000	F			
45-08-10	24,881.95000	F	46-01-14	25,180.25000	F	46-07-02	25,476.37000	F	47-00-06	25,770.18000	F			
45-08-12	24,889.07000	F	46-02-00	25,187.33000	F	46-07-04	25,483.38000	F	47-00-08	25,777.15000	F			
45-08-14	24,896.20000	F	46-02-02	25,194.41000	F	46-07-06	25,490.40000	F	47-00-10	25,784.11000	F			
45-09-00	24,903.33000	F	46-02-04	25,201.48000	F	46-07-08	25,497.42000	F	47-00-12	25,791.08000	F			
45-09-02	24,910.46000	F	46-02-06	25,208.55000	F	46-07-10	25,504.44000	F	47-00-14	25,798.04000	F			
45-09-04	24,917.58000	F	46-02-08	25,215.61000	F	46-07-12	25,511.46000	F	47-01-00	25,805.01000	F			
45-09-06	24,924.69000	F	46-02-10	25,222.68000	F	46-07-14	25,518.47000	F	47-01-02	25,811.97000	F			
45-09-08	24,931.81000	F	46-02-12	25,229.75000	F	46-08-00	25,525.49000	F	47-01-04	25,818.92000	F			
45-09-10	24,938.93000	F	46-02-14	25,236.82000	F	46-08-02	25,532.51000	F	47-01-06	25,825.88000	F			
45-09-12	24,946.05000	F	46-03-00	25,243.89000	F	46-08-04	25,539.52000	F	47-01-08	25,832.83000	F			
45-09-14	24,953.17000	F	46-03-02	25,250.96000	F	46-08-06	25,546.53000	F	47-01-10	25,839.79000	F			
45-10-00	24,960.28000	F	46-03-04	25,258.02000	F	46-08-08	25,553.53000	F	47-01-12	25,846.74000	F			
45-10-02	24,967.40000	F	46-03-06	25,265.08000	F	46-08-10	25,560.54000	F	47-01-14	25,853.70000	F			
45-10-04	24,974.51000	F	46-03-08	25,272.14000	F	46-08-12	25,567.55000	F	47-02-00	25,860.65000	F			
45-10-06	24,981.62000	F	46-03-10	25,279.20000	F	46-08-14	25,574.56000	F	47-02-02	25,867.60000	F			
45-10-08	24,988.73000	F	46-03-12	25,286.26000	F	46-09-00	25,581.57000	F	47-02-04	25,874.55000	F			
45-10-10	24,995.84000	F	46-03-14	25,293.32000	F	46-09-02	25,588.57000	F	47-02-06	25,881.49000	F			
45-10-12	25,002.95000	F	46-04-00	25,300.38000	F	46-09-04	25,595.57000	F	47-02-08	25,888.43000	F			
45-10-14	25,010.05000	F	46-04-02	25,307.43000	F	46-09-06	25,602.57000	F	47-02-10	25,895.38000	F			
45-11-00	25,017.16000	F	46-04-04	25,314.48000	F	46-09-08	25,609.57000	F	47-02-12	25,902.32000	F			
45-11-02	25,024.27000	F	46-04-06	25,321.53000	F	46-09-10	25,616.56000	F	47-02-14	25,909.26000	F			

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction	Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00	
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
47-03-00	25,916.21000	F	47-08-04	26,206.42000	F	48-01-08	26,494.09000	F	48-06-12	26,779.16000	F			
47-03-02	25,923.15000	F	47-08-06	26,213.29000	F	48-01-10	26,500.91000	F	48-06-14	26,785.92000	F			
47-03-04	25,930.08000	F	47-08-08	26,220.17000	F	48-01-12	26,507.73000	F	48-07-00	26,792.68000	F			
47-03-06	25,937.01000	F	47-08-10	26,227.04000	F	48-01-14	26,514.55000	F	48-07-02	26,799.43000	F			
47-03-08	25,943.95000	F	47-08-12	26,233.92000	F	48-02-00	26,521.36000	F	48-07-04	26,806.18000	F			
47-03-10	25,950.88000	F	47-08-14	26,240.79000	F	48-02-02	26,528.18000	F	48-07-06	26,812.92000	F			
47-03-12	25,957.81000	F	47-09-00	26,247.67000	F	48-02-04	26,534.99000	F	48-07-08	26,819.67000	F			
47-03-14	25,964.74000	F	47-09-02	26,254.55000	F	48-02-06	26,541.79000	F	48-07-10	26,826.41000	F			
47-04-00	25,971.68000	F	47-09-04	26,261.41000	F	48-02-08	26,548.60000	F	48-07-12	26,833.16000	F			
47-04-02	25,978.61000	F	47-09-06	26,268.27000	F	48-02-10	26,555.40000	F	48-07-14	26,839.90000	F			
47-04-04	25,985.53000	F	47-09-08	26,275.14000	F	48-02-12	26,562.21000	F	48-08-00	26,846.65000	F			
47-04-06	25,992.45000	F	47-09-10	26,282.00000	F	48-02-14	26,569.01000	F	48-08-02	26,853.39000	F			
47-04-08	25,999.37000	F	47-09-12	26,288.87000	F	48-03-00	26,575.82000	F	48-08-04	26,860.12000	F			
47-04-10	26,006.29000	F	47-09-14	26,295.73000	F	48-03-02	26,582.62000	F	48-08-06	26,866.85000	F			
47-04-12	26,013.21000	F	47-10-00	26,302.60000	F	48-03-04	26,589.42000	F	48-08-08	26,873.59000	F			
47-04-14	26,020.13000	F	47-10-02	26,309.46000	F	48-03-06	26,596.21000	F	48-08-10	26,880.32000	F			
47-05-00	26,027.05000	F	47-10-04	26,316.31000	F	48-03-08	26,603.01000	F	48-08-12	26,887.05000	F			
47-05-02	26,033.98000	F	47-10-06	26,323.17000	F	48-03-10	26,609.80000	F	48-08-14	26,893.78000	F			
47-05-04	26,040.89000	F	47-10-08	26,330.02000	F	48-03-12	26,616.59000	F	48-09-00	26,900.52000	F			
47-05-06	26,047.79000	F	47-10-10	26,336.87000	F	48-03-14	26,623.39000	F	48-09-02	26,907.25000	F			
47-05-08	26,054.70000	F	47-10-12	26,343.72000	F	48-04-00	26,630.18000	F	48-09-04	26,913.97000	F			
47-05-10	26,061.61000	F	47-10-14	26,350.58000	F	48-04-02	26,636.97000	F	48-09-06	26,920.69000	F			
47-05-12	26,068.52000	F	47-11-00	26,357.43000	F	48-04-04	26,643.75000	F	48-09-08	26,927.41000	F			
47-05-14	26,075.43000	F	47-11-02	26,364.28000	F	48-04-06	26,650.53000	F	48-09-10	26,934.13000	F			
47-06-00	26,082.34000	F	47-11-04	26,371.12000	F	48-04-08	26,657.32000	F	48-09-12	26,940.85000	F			
47-06-02	26,089.25000	F	47-11-06	26,377.96000	F	48-04-10	26,664.10000	F	48-09-14	26,947.57000	F			
47-06-04	26,096.15000	F	47-11-08	26,384.80000	F	48-04-12	26,670.88000	F	48-10-00	26,954.29000	F			
47-06-06	26,103.05000	F	47-11-10	26,391.64000	F	48-04-14	26,677.66000	F	48-10-02	26,961.01000	F			
47-06-08	26,109.95000	F	47-11-12	26,398.49000	F	48-05-00	26,684.44000	F	48-10-04	26,967.71000	F			
47-06-10	26,116.85000	F	47-11-14	26,405.33000	F	48-05-02	26,691.22000	F	48-10-06	26,974.42000	F			
47-06-12	26,123.75000	F	48-00-00	26,412.17000	F	48-05-04	26,697.99000	F	48-10-08	26,981.13000	F			
47-06-14	26,130.65000	F	48-00-02	26,419.01000	F	48-05-06	26,704.76000	F	48-10-10	26,987.83000	F			
47-07-00	26,137.54000	F	48-00-04	26,425.84000	F	48-05-08	26,711.53000	F	48-10-12	26,994.54000	F			
47-07-02	26,144.44000	F	48-00-06	26,432.67000	F	48-05-10	26,718.30000	F	48-10-14	27,001.25000	F			
47-07-04	26,151.33000	F	48-00-08	26,439.50000	F	48-05-12	26,725.07000	F	48-11-00	27,007.96000	F			
47-07-06	26,158.22000	F	48-00-10	26,446.33000	F	48-05-14	26,731.84000	F	48-11-02	27,014.66000	F			
47-07-08	26,165.10000	F	48-00-12	26,453.15000	F	48-06-00	26,738.61000	F	48-11-04	27,021.36000	F			
47-07-10	26,171.99000	F	48-00-14	26,459.98000	F	48-06-02	26,745.38000	F	48-11-06	27,028.05000	F			
47-07-12	26,178.88000	F	48-01-00	26,466.81000	F	48-06-04	26,752.13000	F	48-11-08	27,034.75000	F			
47-07-14	26,185.77000	F	48-01-02	26,473.64000	F	48-06-06	26,758.89000	F	48-11-10	27,041.44000	F			
47-08-00	26,192.65000	F	48-01-04	26,480.46000	F	48-06-08	26,765.65000	F	48-11-12	27,048.14000	F			
47-08-02	26,199.54000	F	48-01-06	26,487.28000	F	48-06-10	26,772.40000	F	48-11-14	27,054.83000	F			

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction	Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00	
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
49-00-00	27,061.53000	F	49-05-04	27,341.08000	F	49-10-08	27,617.73000	F	50-03-12	27,891.40000	F			
49-00-02	27,068.22000	F	49-05-06	27,347.70000	F	49-10-10	27,624.28000	F	50-03-14	27,897.88000	F			
49-00-04	27,074.90000	F	49-05-08	27,354.31000	F	49-10-12	27,630.83000	F	50-04-00	27,904.36000	F			
49-00-06	27,081.58000	F	49-05-10	27,360.93000	F	49-10-14	27,637.38000	F	50-04-02	27,910.84000	F			
49-00-08	27,088.27000	F	49-05-12	27,367.55000	F	49-11-00	27,643.93000	F	50-04-04	27,917.31000	F			
49-00-10	27,094.95000	F	49-05-14	27,374.17000	F	49-11-02	27,650.48000	F	50-04-06	27,923.78000	F			
49-00-12	27,101.63000	F	49-06-00	27,380.78000	F	49-11-04	27,657.02000	F	50-04-08	27,930.24000	F			
49-00-14	27,108.31000	F	49-06-02	27,387.40000	F	49-11-06	27,663.56000	F	50-04-10	27,936.71000	F			
49-01-00	27,114.99000	F	49-06-04	27,394.00000	F	49-11-08	27,670.09000	F	50-04-12	27,943.18000	F			
49-01-02	27,121.67000	F	49-06-06	27,400.61000	F	49-11-10	27,676.63000	F	50-04-14	27,949.65000	F			
49-01-04	27,128.34000	F	49-06-08	27,407.21000	F	49-11-12	27,683.17000	F	50-05-00	27,956.11000	F			
49-01-06	27,135.01000	F	49-06-10	27,413.81000	F	49-11-14	27,689.70000	F	50-05-02	27,962.58000	F			
49-01-08	27,141.68000	F	49-06-12	27,420.42000	F	50-00-00	27,696.24000	F	50-05-04	27,969.03000	F			
49-01-10	27,148.35000	F	49-06-14	27,427.02000	F	50-00-02	27,702.78000	F	50-05-06	27,975.49000	F			
49-01-12	27,155.02000	F	49-07-00	27,433.63000	F	50-00-04	27,709.30000	F	50-05-08	27,981.94000	F			
49-01-14	27,161.69000	F	49-07-02	27,440.23000	F	50-00-06	27,715.82000	F	50-05-10	27,988.39000	F			
49-02-00	27,168.36000	F	49-07-04	27,446.82000	F	50-00-08	27,722.35000	F	50-05-12	27,994.85000	F			
49-02-02	27,175.03000	F	49-07-06	27,453.41000	F	50-00-10	27,728.87000	F	50-05-14	28,001.30000	F			
49-02-04	27,181.68000	F	49-07-08	27,460.00000	F	50-00-12	27,735.39000	F	50-06-00	28,007.75000	F			
49-02-06	27,188.34000	F	49-07-10	27,466.59000	F	50-00-14	27,741.91000	F	50-06-02	28,014.20000	F			
49-02-08	27,195.00000	F	49-07-12	27,473.18000	F	50-01-00	27,748.44000	F	50-06-04	28,020.64000	F			
49-02-10	27,201.65000	F	49-07-14	27,479.77000	F	50-01-02	27,754.96000	F	50-06-06	28,027.08000	F			
49-02-12	27,208.31000	F	49-08-00	27,486.36000	F	50-01-04	27,761.47000	F	50-06-08	28,033.52000	F			
49-02-14	27,214.96000	F	49-08-02	27,492.95000	F	50-01-06	27,767.98000	F	50-06-10	28,039.96000	F			
49-03-00	27,221.62000	F	49-08-04	27,499.53000	F	50-01-08	27,774.49000	F	50-06-12	28,046.40000	F			
49-03-02	27,228.28000	F	49-08-06	27,506.11000	F	50-01-10	27,781.00000	F	50-06-14	28,052.84000	F			
49-03-04	27,234.92000	F	49-08-08	27,512.69000	F	50-01-12	27,787.50000	F	50-07-00	28,059.28000	F			
49-03-06	27,241.56000	F	49-08-10	27,519.26000	F	50-01-14	27,794.01000	F	50-07-02	28,065.71000	F			
49-03-08	27,248.21000	F	49-08-12	27,525.84000	F	50-02-00	27,800.52000	F	50-07-04	28,072.14000	F			
49-03-10	27,254.85000	F	49-08-14	27,532.42000	F	50-02-02	27,807.03000	F	50-07-06	28,078.56000	F			
49-03-12	27,261.49000	F	49-09-00	27,538.99000	F	50-02-04	27,813.53000	F	50-07-08	28,084.99000	F			
49-03-14	27,268.14000	F	49-09-02	27,545.57000	F	50-02-06	27,820.02000	F	50-07-10	28,091.41000	F			
49-04-00	27,274.78000	F	49-09-04	27,552.14000	F	50-02-08	27,826.52000	F	50-07-12	28,097.84000	F			
49-04-02	27,281.42000	F	49-09-06	27,558.70000	F	50-02-10	27,833.01000	F	50-07-14	28,104.26000	F			
49-04-04	27,288.05000	F	49-09-08	27,565.26000	F	50-02-12	27,839.51000	F	50-08-00	28,110.69000	F			
49-04-06	27,294.68000	F	49-09-10	27,571.83000	F	50-02-14	27,846.00000	F	50-08-02	28,117.11000	F			
49-04-08	27,301.31000	F	49-09-12	27,578.39000	F	50-03-00	27,852.50000	F	50-08-04	28,123.52000	F			
49-04-10	27,307.94000	F	49-09-14	27,584.95000	F	50-03-02	27,858.99000	F	50-08-06	28,129.93000	F			
49-04-12	27,314.57000	F	49-10-00	27,591.52000	F	50-03-04	27,865.47000	F	50-08-08	28,136.34000	F			
49-04-14	27,321.20000	F	49-10-02	27,598.08000	F	50-03-06	27,871.96000	F	50-08-10	28,142.75000	F			
49-05-00	27,327.83000	F	49-10-04	27,604.63000	F	50-03-08	27,878.44000	F	50-08-12	28,149.16000	F			
49-05-02	27,334.46000	F	49-10-06	27,611.18000	F	50-03-10	27,884.92000	F	50-08-14	28,155.57000	F			

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction	Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00	
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
50-09-00	28,161.98000	F	51-02-04	28,429.38000	F	51-07-08	28,693.49000	F	52-00-12	28,954.24000	F			
50-09-02	28,168.39000	F	51-02-06	28,435.70000	F	51-07-10	28,699.74000	F	52-00-14	28,960.41000	F			
50-09-04	28,174.79000	F	51-02-08	28,442.02000	F	51-07-12	28,705.98000	F	52-01-00	28,966.58000	F			
50-09-06	28,181.18000	F	51-02-10	28,448.34000	F	51-07-14	28,712.23000	F	52-01-02	28,972.75000	F			
50-09-08	28,187.58000	F	51-02-12	28,454.67000	F	51-08-00	28,718.48000	F	52-01-04	28,978.91000	F			
50-09-10	28,193.98000	F	51-02-14	28,460.99000	F	51-08-02	28,724.73000	F	52-01-06	28,985.06000	F			
50-09-12	28,200.37000	F	51-03-00	28,467.31000	F	51-08-04	28,730.96000	F	52-01-08	28,991.21000	F			
50-09-14	28,206.77000	F	51-03-02	28,473.63000	F	51-08-06	28,737.19000	F	52-01-10	28,997.37000	F			
50-10-00	28,213.16000	F	51-03-04	28,479.94000	F	51-08-08	28,743.42000	F	52-01-12	29,003.52000	F			
50-10-02	28,219.56000	F	51-03-06	28,486.25000	F	51-08-10	28,749.65000	F	52-01-14	29,009.68000	F			
50-10-04	28,225.94000	F	51-03-08	28,492.56000	F	51-08-12	28,755.88000	F	52-02-00	29,015.83000	F			
50-10-06	28,232.32000	F	51-03-10	28,498.86000	F	51-08-14	28,762.12000	F	52-02-02	29,021.98000	F			
50-10-08	28,238.70000	F	51-03-12	28,505.17000	F	51-09-00	28,768.35000	F	52-02-04	29,028.12000	F			
50-10-10	28,245.08000	F	51-03-14	28,511.48000	F	51-09-02	28,774.58000	F	52-02-06	29,034.26000	F			
50-10-12	28,251.47000	F	51-04-00	28,517.79000	F	51-09-04	28,780.79000	F	52-02-08	29,040.40000	F			
50-10-14	28,257.85000	F	51-04-02	28,524.09000	F	51-09-06	28,787.01000	F	52-02-10	29,046.54000	F			
50-11-00	28,264.23000	F	51-04-04	28,530.39000	F	51-09-08	28,793.23000	F	52-02-12	29,052.67000	F			
50-11-02	28,270.61000	F	51-04-06	28,536.68000	F	51-09-10	28,799.44000	F	52-02-14	29,058.81000	F			
50-11-04	28,276.98000	F	51-04-08	28,542.97000	F	51-09-12	28,805.66000	F	52-03-00	29,064.95000	F			
50-11-06	28,283.34000	F	51-04-10	28,549.26000	F	51-09-14	28,811.88000	F	52-03-02	29,071.09000	F			
50-11-08	28,289.71000	F	51-04-12	28,555.56000	F	51-10-00	28,818.09000	F	52-03-04	29,077.21000	F			
50-11-10	28,296.08000	F	51-04-14	28,561.85000	F	51-10-02	28,824.31000	F	52-03-06	29,083.33000	F			
50-11-12	28,302.44000	F	51-05-00	28,568.14000	F	51-10-04	28,830.51000	F	52-03-08	29,089.45000	F			
50-11-14	28,308.81000	F	51-05-02	28,574.43000	F	51-10-06	28,836.71000	F	52-03-10	29,095.58000	F			
51-00-00	28,315.18000	F	51-05-04	28,580.71000	F	51-10-08	28,842.91000	F	52-03-12	29,101.70000	F			
51-00-02	28,321.54000	F	51-05-06	28,586.99000	F	51-10-10	28,849.11000	F	52-03-14	29,107.82000	F			
51-00-04	28,327.89000	F	51-05-08	28,593.27000	F	51-10-12	28,855.31000	F	52-04-00	29,113.94000	F			
51-00-06	28,334.25000	F	51-05-10	28,599.54000	F	51-10-14	28,861.51000	F	52-04-02	29,120.06000	F			
51-00-08	28,340.60000	F	51-05-12	28,605.82000	F	51-11-00	28,867.71000	F	52-04-04	29,126.17000	F			
51-00-10	28,346.95000	F	51-05-14	28,612.10000	F	51-11-02	28,873.91000	F	52-04-06	29,132.28000	F			
51-00-12	28,353.30000	F	51-06-00	28,618.37000	F	51-11-04	28,880.10000	F	52-04-08	29,138.38000	F			
51-00-14	28,359.65000	F	51-06-02	28,624.65000	F	51-11-06	28,886.28000	F	52-04-10	29,144.49000	F			
51-01-00	28,366.01000	F	51-06-04	28,630.91000	F	51-11-08	28,892.47000	F	52-04-12	29,150.60000	F			
51-01-02	28,372.36000	F	51-06-06	28,637.18000	F	51-11-10	28,898.66000	F	52-04-14	29,156.70000	F			
51-01-04	28,378.69000	F	51-06-08	28,643.44000	F	51-11-12	28,904.84000	F	52-05-00	29,162.81000	F			
51-01-06	28,385.03000	F	51-06-10	28,649.70000	F	51-11-14	28,911.03000	F	52-05-02	29,168.91000	F			
51-01-08	28,391.37000	F	51-06-12	28,655.96000	F	52-00-00	28,917.21000	F	52-05-04	29,175.00000	F			
51-01-10	28,397.71000	F	51-06-14	28,662.23000	F	52-00-02	28,923.40000	F	52-05-06	29,181.09000	F			
51-01-12	28,404.04000	F	51-07-00	28,668.49000	F	52-00-04	28,929.57000	F	52-05-08	29,187.19000	F			
51-01-14	28,410.38000	F	51-07-02	28,674.75000	F	52-00-06	28,935.74000	F	52-05-10	29,193.28000	F			
51-02-00	28,416.72000	F	51-07-04	28,681.00000	F	52-00-08	28,941.90000	F	52-05-12	29,199.37000	F			
51-02-02	28,423.06000	F	51-07-06	28,687.24000	F	52-00-10	28,948.07000	F	52-05-14	29,205.46000	F			

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction	Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00	
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
52-06-00	29,211.55000	F	52-11-04	29,465.28000	F	53-04-08	29,715.36000	F	53-09-12	29,961.69000	F			
52-06-02	29,217.64000	F	52-11-06	29,471.27000	F	53-04-10	29,721.26000	F	53-09-14	29,967.52000	F			
52-06-04	29,223.71000	F	52-11-08	29,477.27000	F	53-04-12	29,727.17000	F	53-10-00	29,973.34000	F			
52-06-06	29,229.78000	F	52-11-10	29,483.26000	F	53-04-14	29,733.08000	F	53-10-02	29,979.16000	F			
52-06-08	29,235.86000	F	52-11-12	29,489.25000	F	53-05-00	29,738.99000	F	53-10-04	29,984.96000	F			
52-06-10	29,241.93000	F	52-11-14	29,495.24000	F	53-05-02	29,744.90000	F	53-10-06	29,990.77000	F			
52-06-12	29,248.01000	F	53-00-00	29,501.23000	F	53-05-04	29,750.79000	F	53-10-08	29,996.57000	F			
52-06-14	29,254.08000	F	53-00-02	29,507.23000	F	53-05-06	29,756.68000	F	53-10-10	30,002.38000	F			
52-07-00	29,260.15000	F	53-00-04	29,513.20000	F	53-05-08	29,762.57000	F	53-10-12	30,008.18000	F			
52-07-02	29,266.23000	F	53-00-06	29,519.18000	F	53-05-10	29,768.46000	F	53-10-14	30,013.99000	F			
52-07-04	29,272.29000	F	53-00-08	29,525.15000	F	53-05-12	29,774.35000	F	53-11-00	30,019.79000	F			
52-07-06	29,278.34000	F	53-00-10	29,531.13000	F	53-05-14	29,780.24000	F	53-11-02	30,025.60000	F			
52-07-08	29,284.40000	F	53-00-12	29,537.10000	F	53-06-00	29,786.13000	F	53-11-04	30,031.38000	F			
52-07-10	29,290.46000	F	53-00-14	29,543.08000	F	53-06-02	29,792.02000	F	53-11-06	30,037.17000	F			
52-07-12	29,296.52000	F	53-01-00	29,549.05000	F	53-06-04	29,797.90000	F	53-11-08	30,042.96000	F			
52-07-14	29,302.57000	F	53-01-02	29,555.03000	F	53-06-06	29,803.77000	F	53-11-10	30,048.74000	F			
52-08-00	29,308.63000	F	53-01-04	29,560.99000	F	53-06-08	29,809.65000	F	53-11-12	30,054.53000	F			
52-08-02	29,314.69000	F	53-01-06	29,566.95000	F	53-06-10	29,815.52000	F	53-11-14	30,060.32000	F			
52-08-04	29,320.73000	F	53-01-08	29,572.91000	F	53-06-12	29,821.39000	F	54-00-00	30,066.11000	F			
52-08-06	29,326.77000	F	53-01-10	29,578.86000	F	53-06-14	29,827.27000	F	54-00-02	30,071.89000	F			
52-08-08	29,332.81000	F	53-01-12	29,584.82000	F	53-07-00	29,833.14000	F	54-00-04	30,077.66000	F			
52-08-10	29,338.86000	F	53-01-14	29,590.78000	F	53-07-02	29,839.02000	F	54-00-06	30,083.43000	F			
52-08-12	29,344.90000	F	53-02-00	29,596.74000	F	53-07-04	29,844.87000	F	54-00-08	30,089.20000	F			
52-08-14	29,350.94000	F	53-02-02	29,602.70000	F	53-07-06	29,850.73000	F	54-00-10	30,094.97000	F			
52-09-00	29,356.98000	F	53-02-04	29,608.64000	F	53-07-08	29,856.59000	F	54-00-12	30,100.74000	F			
52-09-02	29,363.02000	F	53-02-06	29,614.58000	F	53-07-10	29,862.44000	F	54-00-14	30,106.51000	F			
52-09-04	29,369.05000	F	53-02-08	29,620.52000	F	53-07-12	29,868.30000	F	54-01-00	30,112.28000	F			
52-09-06	29,375.07000	F	53-02-10	29,626.47000	F	53-07-14	29,874.15000	F	54-01-02	30,118.05000	F			
52-09-08	29,381.10000	F	53-02-12	29,632.41000	F	53-08-00	29,880.01000	F	54-01-04	30,123.80000	F			
52-09-10	29,387.12000	F	53-02-14	29,638.35000	F	53-08-02	29,885.87000	F	54-01-06	30,129.55000	F			
52-09-12	29,393.15000	F	53-03-00	29,644.29000	F	53-08-04	29,891.71000	F	54-01-08	30,135.30000	F			
52-09-14	29,399.17000	F	53-03-02	29,650.23000	F	53-08-06	29,897.55000	F	54-01-10	30,141.05000	F			
52-10-00	29,405.20000	F	53-03-04	29,656.16000	F	53-08-08	29,903.39000	F	54-01-12	30,146.81000	F			
52-10-02	29,411.22000	F	53-03-06	29,662.08000	F	53-08-10	29,909.23000	F	54-01-14	30,152.56000	F			
52-10-04	29,417.23000	F	53-03-08	29,668.01000	F	53-08-12	29,915.07000	F	54-02-00	30,158.31000	F			
52-10-06	29,423.24000	F	53-03-10	29,673.93000	F	53-08-14	29,920.90000	F	54-02-02	30,164.06000	F			
52-10-08	29,429.25000	F	53-03-12	29,679.86000	F	53-09-00	29,926.74000	F	54-02-04	30,169.80000	F			
52-10-10	29,435.26000	F	53-03-14	29,685.78000	F	53-09-02	29,932.58000	F	54-02-06	30,175.53000	F			
52-10-12	29,441.26000	F	53-04-00	29,691.71000	F	53-09-04	29,938.41000	F	54-02-08	30,181.26000	F			
52-10-14	29,447.27000	F	53-04-02	29,697.63000	F	53-09-06	29,944.23000	F	54-02-10	30,187.00000	F			
52-11-00	29,453.28000	F	53-04-04	29,703.54000	F	53-09-08	29,950.05000	F	54-02-12	30,192.73000	F			
52-11-02	29,459.29000	F	53-04-06	29,709.45000	F	53-09-10	29,955.87000	F	54-02-14	30,198.47000	F			

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction	Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00	
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
54-03-00	30,204.20000	F	54-08-04	30,442.77000	F	55-01-08	30,677.30000	F	55-06-12	30,907.72000	F			
54-03-02	30,209.93000	F	54-08-06	30,448.39000	F	55-01-10	30,682.83000	F	55-06-14	30,913.16000	F			
54-03-04	30,215.65000	F	54-08-08	30,454.02000	F	55-01-12	30,688.37000	F	55-07-00	30,918.60000	F			
54-03-06	30,221.37000	F	54-08-10	30,459.64000	F	55-01-14	30,693.90000	F	55-07-02	30,924.04000	F			
54-03-08	30,227.08000	F	54-08-12	30,465.27000	F	55-02-00	30,699.43000	F	55-07-04	30,929.46000	F			
54-03-10	30,232.80000	F	54-08-14	30,470.89000	F	55-02-02	30,704.97000	F	55-07-06	30,934.88000	F			
54-03-12	30,238.51000	F	54-09-00	30,476.52000	F	55-02-04	30,710.48000	F	55-07-08	30,940.30000	F			
54-03-14	30,244.23000	F	54-09-02	30,482.15000	F	55-02-06	30,715.99000	F	55-07-10	30,945.72000	F			
54-04-00	30,249.95000	F	54-09-04	30,487.75000	F	55-02-08	30,721.51000	F	55-07-12	30,951.14000	F			
54-04-02	30,255.66000	F	54-09-06	30,493.36000	F	55-02-10	30,727.02000	F	55-07-14	30,956.56000	F			
54-04-04	30,261.36000	F	54-09-08	30,498.97000	F	55-02-12	30,732.54000	F	55-08-00	30,961.98000	F			
54-04-06	30,267.06000	F	54-09-10	30,504.58000	F	55-02-14	30,738.05000	F	55-08-02	30,967.40000	F			
54-04-08	30,272.76000	F	54-09-12	30,510.18000	F	55-03-00	30,743.57000	F	55-08-04	30,972.80000	F			
54-04-10	30,278.46000	F	54-09-14	30,515.79000	F	55-03-02	30,749.08000	F	55-08-06	30,978.20000	F			
54-04-12	30,284.15000	F	54-10-00	30,521.40000	F	55-03-04	30,754.58000	F	55-08-08	30,983.60000	F			
54-04-14	30,289.85000	F	54-10-02	30,527.01000	F	55-03-06	30,760.07000	F	55-08-10	30,989.00000	F			
54-05-00	30,295.55000	F	54-10-04	30,532.59000	F	55-03-08	30,765.57000	F	55-08-12	30,994.40000	F			
54-05-02	30,301.25000	F	54-10-06	30,538.18000	F	55-03-10	30,771.07000	F	55-08-14	30,999.80000	F			
54-05-04	30,306.93000	F	54-10-08	30,543.77000	F	55-03-12	30,776.56000	F	55-09-00	31,005.20000	F			
54-05-06	30,312.61000	F	54-10-10	30,549.36000	F	55-03-14	30,782.06000	F	55-09-02	31,010.60000	F			
54-05-08	30,318.29000	F	54-10-12	30,554.95000	F	55-04-00	30,787.55000	F	55-09-04	31,015.99000	F			
54-05-10	30,323.97000	F	54-10-14	30,560.54000	F	55-04-02	30,793.05000	F	55-09-06	31,021.37000	F			
54-05-12	30,329.65000	F	54-11-00	30,566.13000	F	55-04-04	30,798.53000	F	55-09-08	31,026.75000	F			
54-05-14	30,335.33000	F	54-11-02	30,571.72000	F	55-04-06	30,804.00000	F	55-09-10	31,032.13000	F			
54-06-00	30,341.01000	F	54-11-04	30,577.29000	F	55-04-08	30,809.48000	F	55-09-12	31,037.51000	F			
54-06-02	30,346.69000	F	54-11-06	30,582.86000	F	55-04-10	30,814.96000	F	55-09-14	31,042.89000	F			
54-06-04	30,352.35000	F	54-11-08	30,588.43000	F	55-04-12	30,820.43000	F	55-10-00	31,048.27000	F			
54-06-06	30,358.01000	F	54-11-10	30,594.00000	F	55-04-14	30,825.91000	F	55-10-02	31,053.65000	F			
54-06-08	30,363.68000	F	54-11-12	30,599.57000	F	55-05-00	30,831.39000	F	55-10-04	31,059.02000	F			
54-06-10	30,369.34000	F	54-11-14	30,605.14000	F	55-05-02	30,836.86000	F	55-10-06	31,064.38000	F			
54-06-12	30,375.00000	F	55-00-00	30,610.71000	F	55-05-04	30,842.32000	F	55-10-08	31,069.74000	F			
54-06-14	30,380.66000	F	55-00-02	30,616.28000	F	55-05-06	30,847.78000	F	55-10-10	31,075.10000	F			
54-07-00	30,386.33000	F	55-00-04	30,621.83000	F	55-05-08	30,853.24000	F	55-10-12	31,080.46000	F			
54-07-02	30,391.99000	F	55-00-06	30,627.39000	F	55-05-10	30,858.70000	F	55-10-14	31,085.82000	F			
54-07-04	30,397.63000	F	55-00-08	30,632.94000	F	55-05-12	30,864.15000	F	55-11-00	31,091.19000	F			
54-07-06	30,403.28000	F	55-00-10	30,638.49000	F	55-05-14	30,869.61000	F	55-11-02	31,096.55000	F			
54-07-08	30,408.92000	F	55-00-12	30,644.04000	F	55-06-00	30,875.07000	F	55-11-04	31,101.89000	F			
54-07-10	30,414.56000	F	55-00-14	30,649.59000	F	55-06-02	30,880.53000	F	55-11-06	31,107.23000	F			
54-07-12	30,420.21000	F	55-01-00	30,655.15000	F	55-06-04	30,885.97000	F	55-11-08	31,112.58000	F			
54-07-14	30,425.85000	F	55-01-02	30,660.70000	F	55-06-06	30,891.41000	F	55-11-10	31,117.92000	F			
54-08-00	30,431.50000	F	55-01-04	30,666.23000	F	55-06-08	30,896.85000	F	55-11-12	31,123.26000	F			
54-08-02	30,437.14000	F	55-01-06	30,671.77000	F	55-06-10	30,902.28000	F	55-11-14	31,128.60000	F			

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction	Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00	
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
56-00-00	31,133.94000	F	56-05-04	31,355.85000	F	56-10-08	31,573.33000	F	57-03-12	31,786.33000	F			
56-00-02	31,139.29000	F	56-05-06	31,361.07000	F	56-10-10	31,578.46000	F	57-03-14	31,791.35000	F			
56-00-04	31,144.61000	F	56-05-08	31,366.29000	F	56-10-12	31,583.58000	F	57-04-00	31,796.37000	F			
56-00-06	31,149.93000	F	56-05-10	31,371.52000	F	56-10-14	31,588.70000	F	57-04-02	31,801.39000	F			
56-00-08	31,155.26000	F	56-05-12	31,376.74000	F	56-11-00	31,593.82000	F	57-04-04	31,806.39000	F			
56-00-10	31,160.58000	F	56-05-14	31,381.96000	F	56-11-02	31,598.95000	F	57-04-06	31,811.39000	F			
56-00-12	31,165.90000	F	56-06-00	31,387.19000	F	56-11-04	31,604.05000	F	57-04-08	31,816.39000	F			
56-00-14	31,171.22000	F	56-06-02	31,392.41000	F	56-11-06	31,609.15000	F	57-04-10	31,821.39000	F			
56-01-00	31,176.55000	F	56-06-04	31,397.62000	F	56-11-08	31,614.25000	F	57-04-12	31,826.39000	F			
56-01-02	31,181.87000	F	56-06-06	31,402.82000	F	56-11-10	31,619.36000	F	57-04-14	31,831.39000	F			
56-01-04	31,187.17000	F	56-06-08	31,408.02000	F	56-11-12	31,624.46000	F	57-05-00	31,836.39000	F			
56-01-06	31,192.48000	F	56-06-10	31,413.23000	F	56-11-14	31,629.56000	F	57-05-02	31,841.38000	F			
56-01-08	31,197.78000	F	56-06-12	31,418.43000	F	57-00-00	31,634.66000	F	57-05-04	31,846.36000	F			
56-01-10	31,203.08000	F	56-06-14	31,423.63000	F	57-00-02	31,639.77000	F	57-05-06	31,851.34000	F			
56-01-12	31,208.39000	F	56-07-00	31,428.84000	F	57-00-04	31,644.85000	F	57-05-08	31,856.32000	F			
56-01-14	31,213.69000	F	56-07-02	31,434.04000	F	57-00-06	31,649.93000	F	57-05-10	31,861.30000	F			
56-02-00	31,218.99000	F	56-07-04	31,439.23000	F	57-00-08	31,655.01000	F	57-05-12	31,866.27000	F			
56-02-02	31,224.30000	F	56-07-06	31,444.41000	F	57-00-10	31,660.09000	F	57-05-14	31,871.25000	F			
56-02-04	31,229.58000	F	56-07-08	31,449.59000	F	57-00-12	31,665.17000	F	57-06-00	31,876.23000	F			
56-02-06	31,234.86000	F	56-07-10	31,454.78000	F	57-00-14	31,670.26000	F	57-06-02	31,881.21000	F			
56-02-08	31,240.15000	F	56-07-12	31,459.96000	F	57-01-00	31,675.34000	F	57-06-04	31,886.17000	F			
56-02-10	31,245.43000	F	56-07-14	31,465.14000	F	57-01-02	31,680.42000	F	57-06-06	31,891.12000	F			
56-02-12	31,250.71000	F	56-08-00	31,470.33000	F	57-01-04	31,685.48000	F	57-06-08	31,896.08000	F			
56-02-14	31,256.00000	F	56-08-02	31,475.51000	F	57-01-06	31,690.54000	F	57-06-10	31,901.04000	F			
56-03-00	31,261.28000	F	56-08-04	31,480.67000	F	57-01-08	31,695.60000	F	57-06-12	31,905.99000	F			
56-03-02	31,266.56000	F	56-08-06	31,485.84000	F	57-01-10	31,700.66000	F	57-06-14	31,910.95000	F			
56-03-04	31,271.83000	F	56-08-08	31,491.00000	F	57-01-12	31,705.73000	F	57-07-00	31,915.91000	F			
56-03-06	31,277.09000	F	56-08-10	31,496.16000	F	57-01-14	31,710.79000	F	57-07-02	31,920.86000	F			
56-03-08	31,282.35000	F	56-08-12	31,501.33000	F	57-02-00	31,715.85000	F	57-07-04	31,925.80000	F			
56-03-10	31,287.62000	F	56-08-14	31,506.49000	F	57-02-02	31,720.91000	F	57-07-06	31,930.74000	F			
56-03-12	31,292.88000	F	56-09-00	31,511.66000	F	57-02-04	31,725.95000	F	57-07-08	31,935.67000	F			
56-03-14	31,298.14000	F	56-09-02	31,516.82000	F	57-02-06	31,730.99000	F	57-07-10	31,940.61000	F			
56-04-00	31,303.41000	F	56-09-04	31,521.96000	F	57-02-08	31,736.03000	F	57-07-12	31,945.54000	F			
56-04-02	31,308.67000	F	56-09-06	31,527.10000	F	57-02-10	31,741.07000	F	57-07-14	31,950.48000	F			
56-04-04	31,313.92000	F	56-09-08	31,532.25000	F	57-02-12	31,746.11000	F	57-08-00	31,955.42000	F			
56-04-06	31,319.16000	F	56-09-10	31,537.39000	F	57-02-14	31,751.15000	F	57-08-02	31,960.35000	F			
56-04-08	31,324.40000	F	56-09-12	31,542.53000	F	57-03-00	31,756.19000	F	57-08-04	31,965.27000	F			
56-04-10	31,329.65000	F	56-09-14	31,547.68000	F	57-03-02	31,761.23000	F	57-08-06	31,970.18000	F			
56-04-12	31,334.89000	F	56-10-00	31,552.82000	F	57-03-04	31,766.25000	F	57-08-08	31,975.10000	F			
56-04-14	31,340.13000	F	56-10-02	31,557.96000	F	57-03-06	31,771.27000	F	57-08-10	31,980.01000	F			
56-05-00	31,345.38000	F	56-10-04	31,563.09000	F	57-03-08	31,776.29000	F	57-08-12	31,984.93000	F			
56-05-02	31,350.62000	F	56-10-06	31,568.21000	F	57-03-10	31,781.31000	F	57-08-14	31,989.84000	F			

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction	Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00	
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
57-09-00	31,994.76000	F	58-02-04	32,198.49000	F	58-07-08	32,397.43000	F	59-00-12	32,591.51000	F			
57-09-02	31,999.67000	F	58-02-06	32,203.27000	F	58-07-10	32,402.11000	F	59-00-14	32,596.07000	F			
57-09-04	32,004.56000	F	58-02-08	32,208.06000	F	58-07-12	32,406.78000	F	59-01-00	32,600.64000	F			
57-09-06	32,009.46000	F	58-02-10	32,212.85000	F	58-07-14	32,411.46000	F	59-01-02	32,605.20000	F			
57-09-08	32,014.35000	F	58-02-12	32,217.63000	F	58-08-00	32,416.14000	F	59-01-04	32,609.75000	F			
57-09-10	32,019.25000	F	58-02-14	32,222.42000	F	58-08-02	32,420.81000	F	59-01-06	32,614.29000	F			
57-09-12	32,024.14000	F	58-03-00	32,227.21000	F	58-08-04	32,425.47000	F	59-01-08	32,618.83000	F			
57-09-14	32,029.03000	F	58-03-02	32,231.99000	F	58-08-06	32,430.12000	F	59-01-10	32,623.37000	F			
57-10-00	32,033.93000	F	58-03-04	32,236.76000	F	58-08-08	32,434.78000	F	59-01-12	32,627.92000	F			
57-10-02	32,038.82000	F	58-03-06	32,241.52000	F	58-08-10	32,439.43000	F	59-01-14	32,632.46000	F			
57-10-04	32,043.69000	F	58-03-08	32,246.28000	F	58-08-12	32,444.09000	F	59-02-00	32,637.00000	F			
57-10-06	32,048.56000	F	58-03-10	32,251.05000	F	58-08-14	32,448.74000	F	59-02-02	32,641.54000	F			
57-10-08	32,053.44000	F	58-03-12	32,255.81000	F	58-09-00	32,453.39000	F	59-02-04	32,646.06000	F			
57-10-10	32,058.31000	F	58-03-14	32,260.58000	F	58-09-02	32,458.05000	F	59-02-06	32,650.58000	F			
57-10-12	32,063.18000	F	58-04-00	32,265.34000	F	58-09-04	32,462.68000	F	59-02-08	32,655.10000	F			
57-10-14	32,068.05000	F	58-04-02	32,270.11000	F	58-09-06	32,467.31000	F	59-02-10	32,659.62000	F			
57-11-00	32,072.93000	F	58-04-04	32,274.85000	F	58-09-08	32,471.95000	F	59-02-12	32,664.14000	F			
57-11-02	32,077.80000	F	58-04-06	32,279.59000	F	58-09-10	32,476.58000	F	59-02-14	32,668.66000	F			
57-11-04	32,082.65000	F	58-04-08	32,284.33000	F	58-09-12	32,481.21000	F	59-03-00	32,673.18000	F			
57-11-06	32,087.50000	F	58-04-10	32,289.08000	F	58-09-14	32,485.84000	F	59-03-02	32,677.70000	F			
57-11-08	32,092.35000	F	58-04-12	32,293.82000	F	58-10-00	32,490.47000	F	59-03-04	32,682.20000	F			
57-11-10	32,097.20000	F	58-04-14	32,298.56000	F	58-10-02	32,495.11000	F	59-03-06	32,686.70000	F			
57-11-12	32,102.05000	F	58-05-00	32,303.30000	F	58-10-04	32,499.72000	F	59-03-08	32,691.19000	F			
57-11-14	32,106.90000	F	58-05-02	32,308.05000	F	58-10-06	32,504.33000	F	59-03-10	32,695.69000	F			
58-00-00	32,111.75000	F	58-05-04	32,312.77000	F	58-10-08	32,508.94000	F	59-03-12	32,700.19000	F			
58-00-02	32,116.60000	F	58-05-06	32,317.49000	F	58-10-10	32,513.55000	F	59-03-14	32,704.68000	F			
58-00-04	32,121.43000	F	58-05-08	32,322.21000	F	58-10-12	32,518.16000	F	59-04-00	32,709.18000	F			
58-00-06	32,126.26000	F	58-05-10	32,326.93000	F	58-10-14	32,522.77000	F	59-04-02	32,713.68000	F			
58-00-08	32,131.09000	F	58-05-12	32,331.65000	F	58-11-00	32,527.38000	F	59-04-04	32,718.15000	F			
58-00-10	32,135.92000	F	58-05-14	32,336.37000	F	58-11-02	32,531.98000	F	59-04-06	32,722.63000	F			
58-00-12	32,140.75000	F	58-06-00	32,341.09000	F	58-11-04	32,536.57000	F	59-04-08	32,727.10000	F			
58-00-14	32,145.58000	F	58-06-02	32,345.81000	F	58-11-06	32,541.16000	F	59-04-10	32,731.57000	F			
58-01-00	32,150.41000	F	58-06-04	32,350.51000	F	58-11-08	32,545.75000	F	59-04-12	32,736.05000	F			
58-01-02	32,155.24000	F	58-06-06	32,355.21000	F	58-11-10	32,550.33000	F	59-04-14	32,740.52000	F			
58-01-04	32,160.05000	F	58-06-08	32,359.91000	F	58-11-12	32,554.92000	F	59-05-00	32,745.00000	F			
58-01-06	32,164.85000	F	58-06-10	32,364.61000	F	58-11-14	32,559.51000	F	59-05-02	32,749.47000	F			
58-01-08	32,169.66000	F	58-06-12	32,369.31000	F	59-00-00	32,564.10000	F	59-05-04	32,753.92000	F			
58-01-10	32,174.47000	F	58-06-14	32,374.00000	F	59-00-02	32,568.68000	F	59-05-06	32,758.37000	F			
58-01-12	32,179.28000	F	58-07-00	32,378.70000	F	59-00-04	32,573.25000	F	59-05-08	32,762.83000	F			
58-01-14	32,184.09000	F	58-07-02	32,383.40000	F	59-00-06	32,577.81000	F	59-05-10	32,767.28000	F			
58-02-00	32,188.89000	F	58-07-04	32,388.08000	F	59-00-08	32,582.38000	F	59-05-12	32,771.73000	F			
58-02-02	32,193.70000	F	58-07-06	32,392.75000	F	59-00-10	32,586.94000	F	59-05-14	32,776.18000	F			

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction	Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00	
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
59-06-00	32,780.63000	F	59-11-04	32,964.68000	F	60-04-08	33,143.57000	F	60-09-12	33,317.22000	F			
59-06-02	32,785.08000	F	59-11-06	32,968.99000	F	60-04-10	33,147.76000	F	60-09-14	33,321.29000	F			
59-06-04	32,789.51000	F	59-11-08	32,973.31000	F	60-04-12	33,151.96000	F	60-10-00	33,325.37000	F			
59-06-06	32,793.94000	F	59-11-10	32,977.62000	F	60-04-14	33,156.15000	F	60-10-02	33,329.44000	F			
59-06-08	32,798.37000	F	59-11-12	32,981.93000	F	60-05-00	33,160.34000	F	60-10-04	33,333.49000	F			
59-06-10	32,802.80000	F	59-11-14	32,986.24000	F	60-05-02	33,164.54000	F	60-10-06	33,337.54000	F			
59-06-12	32,807.22000	F	60-00-00	32,990.56000	F	60-05-04	33,168.71000	F	60-10-08	33,341.59000	F			
59-06-14	32,811.65000	F	60-00-02	32,994.87000	F	60-05-06	33,172.88000	F	60-10-10	33,345.64000	F			
59-07-00	32,816.08000	F	60-00-04	32,999.16000	F	60-05-08	33,177.05000	F	60-10-12	33,349.69000	F			
59-07-02	32,820.51000	F	60-00-06	33,003.45000	F	60-05-10	33,181.22000	F	60-10-14	33,353.74000	F			
59-07-04	32,824.92000	F	60-00-08	33,007.74000	F	60-05-12	33,185.39000	F	60-11-00	33,357.79000	F			
59-07-06	32,829.32000	F	60-00-10	33,012.02000	F	60-05-14	33,189.56000	F	60-11-02	33,361.84000	F			
59-07-08	32,833.73000	F	60-00-12	33,016.31000	F	60-06-00	33,193.73000	F	60-11-04	33,365.87000	F			
59-07-10	32,838.13000	F	60-00-14	33,020.60000	F	60-06-02	33,197.90000	F	60-11-06	33,369.89000	F			
59-07-12	32,842.54000	F	60-01-00	33,024.89000	F	60-06-04	33,202.05000	F	60-11-08	33,373.92000	F			
59-07-14	32,846.94000	F	60-01-02	33,029.18000	F	60-06-06	33,206.20000	F	60-11-10	33,377.95000	F			
59-08-00	32,851.35000	F	60-01-04	33,033.45000	F	60-06-08	33,210.34000	F	60-11-12	33,381.97000	F			
59-08-02	32,855.75000	F	60-01-06	33,037.71000	F	60-06-10	33,214.49000	F	60-11-14	33,386.00000	F			
59-08-04	32,860.14000	F	60-01-08	33,041.98000	F	60-06-12	33,218.64000	F	61-00-00	33,390.02000	F			
59-08-06	32,864.52000	F	60-01-10	33,046.24000	F	60-06-14	33,222.78000	F	61-00-02	33,394.05000	F			
59-08-08	32,868.90000	F	60-01-12	33,050.51000	F	60-07-00	33,226.93000	F	61-00-04	33,398.05000	F			
59-08-10	32,873.28000	F	60-01-14	33,054.77000	F	60-07-02	33,231.08000	F	61-00-06	33,402.05000	F			
59-08-12	32,877.66000	F	60-02-00	33,059.04000	F	60-07-04	33,235.20000	F	61-00-08	33,406.05000	F			
59-08-14	32,882.05000	F	60-02-02	33,063.30000	F	60-07-06	33,239.32000	F	61-00-10	33,410.05000	F			
59-09-00	32,886.43000	F	60-02-04	33,067.55000	F	60-07-08	33,243.44000	F	61-00-12	33,414.06000	F			
59-09-02	32,890.81000	F	60-02-06	33,071.79000	F	60-07-10	33,247.57000	F	61-00-14	33,418.06000	F			
59-09-04	32,895.17000	F	60-02-08	33,076.03000	F	60-07-12	33,251.69000	F	61-01-00	33,422.06000	F			
59-09-06	32,899.53000	F	60-02-10	33,080.27000	F	60-07-14	33,255.81000	F	61-01-02	33,426.06000	F			
59-09-08	32,903.89000	F	60-02-12	33,084.51000	F	60-08-00	33,259.93000	F	61-01-04	33,430.04000	F			
59-09-10	32,908.25000	F	60-02-14	33,088.75000	F	60-08-02	33,264.06000	F	61-01-06	33,434.01000	F			
59-09-12	32,912.61000	F	60-03-00	33,093.00000	F	60-08-04	33,268.16000	F	61-01-08	33,437.99000	F			
59-09-14	32,916.96000	F	60-03-02	33,097.24000	F	60-08-06	33,272.25000	F	61-01-10	33,441.97000	F			
59-10-00	32,921.32000	F	60-03-04	33,101.46000	F	60-08-08	33,276.35000	F	61-01-12	33,445.94000	F			
59-10-02	32,925.68000	F	60-03-06	33,105.67000	F	60-08-10	33,280.45000	F	61-01-14	33,449.92000	F			
59-10-04	32,930.02000	F	60-03-08	33,109.89000	F	60-08-12	33,284.55000	F	61-02-00	33,453.90000	F			
59-10-06	32,934.35000	F	60-03-10	33,114.11000	F	60-08-14	33,288.65000	F	61-02-02	33,457.87000	F			
59-10-08	32,938.69000	F	60-03-12	33,118.33000	F	60-09-00	33,292.75000	F	61-02-04	33,461.83000	F			
59-10-10	32,943.03000	F	60-03-14	33,122.55000	F	60-09-02	33,296.85000	F	61-02-06	33,465.78000	F			
59-10-12	32,947.36000	F	60-04-00	33,126.77000	F	60-09-04	33,300.92000	F	61-02-08	33,469.73000	F			
59-10-14	32,951.70000	F	60-04-02	33,130.98000	F	60-09-06	33,304.99000	F	61-02-10	33,473.68000	F			
59-11-00	32,956.03000	F	60-04-04	33,135.18000	F	60-09-08	33,309.07000	F	61-02-12	33,477.64000	F			
59-11-02	32,960.37000	F	60-04-06	33,139.37000	F	60-09-10	33,313.14000	F	61-02-14	33,481.59000	F			

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction	Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00	
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
61-03-00	33,485.54000	F	61-08-04	33,648.41000	F	62-01-08	33,805.74000	F	62-06-12	33,957.45000	F			
61-03-02	33,489.49000	F	61-08-06	33,652.21000	F	62-01-10	33,809.41000	F	62-06-14	33,961.00000	F			
61-03-04	33,493.42000	F	61-08-08	33,656.02000	F	62-01-12	33,813.09000	F	62-07-00	33,964.54000	F			
61-03-06	33,497.35000	F	61-08-10	33,659.82000	F	62-01-14	33,816.76000	F	62-07-02	33,968.09000	F			
61-03-08	33,501.27000	F	61-08-12	33,663.62000	F	62-02-00	33,820.44000	F	62-07-04	33,971.61000	F			
61-03-10	33,505.20000	F	61-08-14	33,667.43000	F	62-02-02	33,824.12000	F	62-07-06	33,975.14000	F			
61-03-12	33,509.13000	F	61-09-00	33,671.23000	F	62-02-04	33,827.77000	F	62-07-08	33,978.66000	F			
61-03-14	33,513.06000	F	61-09-02	33,675.03000	F	62-02-06	33,831.42000	F	62-07-10	33,982.18000	F			
61-04-00	33,516.99000	F	61-09-04	33,678.81000	F	62-02-08	33,835.07000	F	62-07-12	33,985.70000	F			
61-04-02	33,520.91000	F	61-09-06	33,682.59000	F	62-02-10	33,838.72000	F	62-07-14	33,989.22000	F			
61-04-04	33,524.82000	F	61-09-08	33,686.36000	F	62-02-12	33,842.37000	F	62-08-00	33,992.74000	F			
61-04-06	33,528.72000	F	61-09-10	33,690.14000	F	62-02-14	33,846.02000	F	62-08-02	33,996.27000	F			
61-04-08	33,532.62000	F	61-09-12	33,693.92000	F	62-03-00	33,849.67000	F	62-08-04	33,999.76000	F			
61-04-10	33,536.52000	F	61-09-14	33,697.70000	F	62-03-02	33,853.32000	F	62-08-06	34,003.26000	F			
61-04-12	33,540.43000	F	61-10-00	33,701.48000	F	62-03-04	33,856.95000	F	62-08-08	34,006.75000	F			
61-04-14	33,544.33000	F	61-10-02	33,705.25000	F	62-03-06	33,860.57000	F	62-08-10	34,010.25000	F			
61-05-00	33,548.23000	F	61-10-04	33,709.01000	F	62-03-08	33,864.20000	F	62-08-12	34,013.75000	F			
61-05-02	33,552.14000	F	61-10-06	33,712.76000	F	62-03-10	33,867.82000	F	62-08-14	34,017.24000	F			
61-05-04	33,556.01000	F	61-10-08	33,716.51000	F	62-03-12	33,871.45000	F	62-09-00	34,020.74000	F			
61-05-06	33,559.89000	F	61-10-10	33,720.26000	F	62-03-14	33,875.08000	F	62-09-02	34,024.23000	F			
61-05-08	33,563.77000	F	61-10-12	33,724.02000	F	62-04-00	33,878.70000	F	62-09-04	34,027.70000	F			
61-05-10	33,567.65000	F	61-10-14	33,727.77000	F	62-04-02	33,882.33000	F	62-09-06	34,031.17000	F			
61-05-12	33,571.53000	F	61-11-00	33,731.52000	F	62-04-04	33,885.93000	F	62-09-08	34,034.64000	F			
61-05-14	33,575.40000	F	61-11-02	33,735.27000	F	62-04-06	33,889.52000	F	62-09-10	34,038.11000	F			
61-06-00	33,579.28000	F	61-11-04	33,739.00000	F	62-04-08	33,893.12000	F	62-09-12	34,041.58000	F			
61-06-02	33,583.16000	F	61-11-06	33,742.73000	F	62-04-10	33,896.72000	F	62-09-14	34,045.05000	F			
61-06-04	33,587.01000	F	61-11-08	33,746.46000	F	62-04-12	33,900.32000	F	62-10-00	34,048.52000	F			
61-06-06	33,590.87000	F	61-11-10	33,750.18000	F	62-04-14	33,903.92000	F	62-10-02	34,051.99000	F			
61-06-08	33,594.72000	F	61-11-12	33,753.91000	F	62-05-00	33,907.52000	F	62-10-04	34,055.43000	F			
61-06-10	33,598.57000	F	61-11-14	33,757.64000	F	62-05-02	33,911.12000	F	62-10-06	34,058.88000	F			
61-06-12	33,602.42000	F	62-00-00	33,761.36000	F	62-05-04	33,914.69000	F	62-10-08	34,062.32000	F			
61-06-14	33,606.28000	F	62-00-02	33,765.09000	F	62-05-06	33,918.27000	F	62-10-10	34,065.76000	F			
61-07-00	33,610.13000	F	62-00-04	33,768.79000	F	62-05-08	33,921.84000	F	62-10-12	34,069.21000	F			
61-07-02	33,613.98000	F	62-00-06	33,772.50000	F	62-05-10	33,925.42000	F	62-10-14	34,072.65000	F			
61-07-04	33,617.81000	F	62-00-08	33,776.20000	F	62-05-12	33,928.99000	F	62-11-00	34,076.09000	F			
61-07-06	33,621.64000	F	62-00-10	33,779.90000	F	62-05-14	33,932.56000	F	62-11-02	34,079.54000	F			
61-07-08	33,625.47000	F	62-00-12	33,783.60000	F	62-06-00	33,936.14000	F	62-11-04	34,082.95000	F			
61-07-10	33,629.30000	F	62-00-14	33,787.30000	F	62-06-02	33,939.71000	F	62-11-06	34,086.37000	F			
61-07-12	33,633.12000	F	62-01-00	33,791.00000	F	62-06-04	33,943.26000	F	62-11-08	34,089.79000	F			
61-07-14	33,636.95000	F	62-01-02	33,794.71000	F	62-06-06	33,946.81000	F	62-11-10	34,093.21000	F			
61-08-00	33,640.78000	F	62-01-04	33,798.38000	F	62-06-08	33,950.35000	F	62-11-12	34,096.62000	F			
61-08-02	33,644.61000	F	62-01-06	33,802.06000	F	62-06-10	33,953.90000	F	62-11-14	34,100.04000	F			

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction	Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00	
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
63-00-00	34,103.46000	F	63-05-04	34,243.64000	F	63-10-08	34,377.91000	F	64-03-12	34,506.20000	F			
63-00-02	34,106.87000	F	63-05-06	34,246.90000	F	63-10-10	34,381.03000	F	64-03-14	34,509.18000	F			
63-00-04	34,110.27000	F	63-05-08	34,250.16000	F	63-10-12	34,384.16000	F	64-04-00	34,512.17000	F			
63-00-06	34,113.66000	F	63-05-10	34,253.42000	F	63-10-14	34,387.28000	F	64-04-02	34,515.15000	F			
63-00-08	34,117.05000	F	63-05-12	34,256.67000	F	63-11-00	34,390.40000	F	64-04-04	34,518.11000	F			
63-00-10	34,120.44000	F	63-05-14	34,259.93000	F	63-11-02	34,393.53000	F	64-04-06	34,521.07000	F			
63-00-12	34,123.83000	F	63-06-00	34,263.19000	F	63-11-04	34,396.62000	F	64-04-08	34,524.03000	F			
63-00-14	34,127.22000	F	63-06-02	34,266.45000	F	63-11-06	34,399.72000	F	64-04-10	34,526.98000	F			
63-01-00	34,130.61000	F	63-06-04	34,269.68000	F	63-11-08	34,402.81000	F	64-04-12	34,529.94000	F			
63-01-02	34,134.00000	F	63-06-06	34,272.91000	F	63-11-10	34,405.91000	F	64-04-14	34,532.90000	F			
63-01-04	34,137.37000	F	63-06-08	34,276.14000	F	63-11-12	34,409.00000	F	64-05-00	34,535.86000	F			
63-01-06	34,140.73000	F	63-06-10	34,279.37000	F	63-11-14	34,412.10000	F	64-05-02	34,538.82000	F			
63-01-08	34,144.09000	F	63-06-12	34,282.60000	F	64-00-00	34,415.19000	F	64-05-04	34,541.75000	F			
63-01-10	34,147.46000	F	63-06-14	34,285.83000	F	64-00-02	34,418.29000	F	64-05-06	34,544.68000	F			
63-01-12	34,150.82000	F	63-07-00	34,289.06000	F	64-00-04	34,421.36000	F	64-05-08	34,547.61000	F			
63-01-14	34,154.19000	F	63-07-02	34,292.30000	F	64-00-06	34,424.43000	F	64-05-10	34,550.54000	F			
63-02-00	34,157.55000	F	63-07-04	34,295.50000	F	64-00-08	34,427.50000	F	64-05-12	34,553.47000	F			
63-02-02	34,160.92000	F	63-07-06	34,298.70000	F	64-00-10	34,430.56000	F	64-05-14	34,556.40000	F			
63-02-04	34,164.25000	F	63-07-08	34,301.91000	F	64-00-12	34,433.63000	F	64-06-00	34,559.33000	F			
63-02-06	34,167.59000	F	63-07-10	34,305.11000	F	64-00-14	34,436.70000	F	64-06-02	34,562.26000	F			
63-02-08	34,170.93000	F	63-07-12	34,308.32000	F	64-01-00	34,439.77000	F	64-06-04	34,565.16000	F			
63-02-10	34,174.27000	F	63-07-14	34,311.52000	F	64-01-02	34,442.84000	F	64-06-06	34,568.06000	F			
63-02-12	34,177.61000	F	63-08-00	34,314.72000	F	64-01-04	34,445.88000	F	64-06-08	34,570.97000	F			
63-02-14	34,180.94000	F	63-08-02	34,317.93000	F	64-01-06	34,448.92000	F	64-06-10	34,573.87000	F			
63-03-00	34,184.28000	F	63-08-04	34,321.10000	F	64-01-08	34,451.96000	F	64-06-12	34,576.77000	F			
63-03-02	34,187.62000	F	63-08-06	34,324.28000	F	64-01-10	34,455.00000	F	64-06-14	34,579.67000	F			
63-03-04	34,190.93000	F	63-08-08	34,327.46000	F	64-01-12	34,458.04000	F	64-07-00	34,582.58000	F			
63-03-06	34,194.24000	F	63-08-10	34,330.64000	F	64-01-14	34,461.08000	F	64-07-02	34,585.48000	F			
63-03-08	34,197.55000	F	63-08-12	34,333.81000	F	64-02-00	34,464.12000	F	64-07-04	34,588.35000	F			
63-03-10	34,200.86000	F	63-08-14	34,336.99000	F	64-02-02	34,467.16000	F	64-07-06	34,591.23000	F			
63-03-12	34,204.17000	F	63-09-00	34,340.17000	F	64-02-04	34,470.18000	F	64-07-08	34,594.10000	F			
63-03-14	34,207.49000	F	63-09-02	34,343.34000	F	64-02-06	34,473.19000	F	64-07-10	34,596.98000	F			
63-04-00	34,210.80000	F	63-09-04	34,346.49000	F	64-02-08	34,476.20000	F	64-07-12	34,599.85000	F			
63-04-02	34,214.11000	F	63-09-06	34,349.64000	F	64-02-10	34,479.22000	F	64-07-14	34,602.72000	F			
63-04-04	34,217.39000	F	63-09-08	34,352.79000	F	64-02-12	34,482.23000	F	64-08-00	34,605.60000	F			
63-04-06	34,220.68000	F	63-09-10	34,355.94000	F	64-02-14	34,485.24000	F	64-08-02	34,608.47000	F			
63-04-08	34,223.96000	F	63-09-12	34,359.09000	F	64-03-00	34,488.25000	F	64-08-04	34,611.32000	F			
63-04-10	34,227.25000	F	63-09-14	34,362.24000	F	64-03-02	34,491.27000	F	64-08-06	34,614.17000	F			
63-04-12	34,230.53000	F	63-10-00	34,365.39000	F	64-03-04	34,494.25000	F	64-08-08	34,617.01000	F			
63-04-14	34,233.82000	F	63-10-02	34,368.54000	F	64-03-06	34,497.24000	F	64-08-10	34,619.86000	F			
63-05-00	34,237.10000	F	63-10-04	34,371.67000	F	64-03-08	34,500.22000	F	64-08-12	34,622.70000	F			
63-05-02	34,240.38000	F	63-10-06	34,374.79000	F	64-03-10	34,503.21000	F	64-08-14	34,625.55000	F			

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction	Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00	
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
64-09-00	34,628.40000	F	65-02-04	34,744.40000	F	65-07-08	34,854.10000	F	66-00-12	34,957.44000	F			
64-09-02	34,631.24000	F	65-02-06	34,747.07000	F	65-07-10	34,856.63000	F	66-00-14	34,959.83000	F			
64-09-04	34,634.06000	F	65-02-08	34,749.75000	F	65-07-12	34,859.16000	F	66-01-00	34,962.21000	F			
64-09-06	34,636.88000	F	65-02-10	34,752.43000	F	65-07-14	34,861.70000	F	66-01-02	34,964.60000	F			
64-09-08	34,639.70000	F	65-02-12	34,755.10000	F	65-08-00	34,864.23000	F	66-01-04	34,966.96000	F			
64-09-10	34,642.52000	F	65-02-14	34,757.78000	F	65-08-02	34,866.76000	F	66-01-06	34,969.32000	F			
64-09-12	34,645.34000	F	65-03-00	34,760.46000	F	65-08-04	34,869.27000	F	66-01-08	34,971.68000	F			
64-09-14	34,648.15000	F	65-03-02	34,763.13000	F	65-08-06	34,871.77000	F	66-01-10	34,974.04000	F			
64-10-00	34,650.97000	F	65-03-04	34,765.78000	F	65-08-08	34,874.28000	F	66-01-12	34,976.39000	F			
64-10-02	34,653.79000	F	65-03-06	34,768.43000	F	65-08-10	34,876.78000	F	66-01-14	34,978.75000	F			
64-10-04	34,656.58000	F	65-03-08	34,771.08000	F	65-08-12	34,879.29000	F	66-02-00	34,981.11000	F			
64-10-06	34,659.37000	F	65-03-10	34,773.73000	F	65-08-14	34,881.79000	F	66-02-02	34,983.47000	F			
64-10-08	34,662.16000	F	65-03-12	34,776.37000	F	65-09-00	34,884.29000	F	66-02-04	34,985.80000	F			
64-10-10	34,664.95000	F	65-03-14	34,779.02000	F	65-09-02	34,886.80000	F	66-02-06	34,988.13000	F			
64-10-12	34,667.74000	F	65-04-00	34,781.67000	F	65-09-04	34,889.27000	F	66-02-08	34,990.45000	F			
64-10-14	34,670.53000	F	65-04-02	34,784.32000	F	65-09-06	34,891.75000	F	66-02-10	34,992.78000	F			
64-11-00	34,673.32000	F	65-04-04	34,786.94000	F	65-09-08	34,894.22000	F	66-02-12	34,995.11000	F			
64-11-02	34,676.11000	F	65-04-06	34,789.56000	F	65-09-10	34,896.70000	F	66-02-14	34,997.44000	F			
64-11-04	34,678.87000	F	65-04-08	34,792.18000	F	65-09-12	34,899.17000	F	66-03-00	34,999.77000	F			
64-11-06	34,681.64000	F	65-04-10	34,794.80000	F	65-09-14	34,901.65000	F	66-03-02	35,002.10000	F			
64-11-08	34,684.40000	F	65-04-12	34,797.42000	F	65-10-00	34,904.12000	F	66-03-04	35,004.40000	F			
64-11-10	34,687.16000	F	65-04-14	34,800.04000	F	65-10-02	34,906.60000	F	66-03-06	35,006.70000	F			
64-11-12	34,689.92000	F	65-05-00	34,802.66000	F	65-10-04	34,909.05000	F	66-03-08	35,009.00000	F			
64-11-14	34,692.68000	F	65-05-02	34,805.28000	F	65-10-06	34,911.49000	F	66-03-10	35,011.30000	F			
65-00-00	34,695.45000	F	65-05-04	34,807.87000	F	65-10-08	34,913.94000	F	66-03-12	35,013.59000	F			
65-00-02	34,698.21000	F	65-05-06	34,810.46000	F	65-10-10	34,916.38000	F	66-03-14	35,015.89000	F			
65-00-04	34,700.94000	F	65-05-08	34,813.05000	F	65-10-12	34,918.83000	F	66-04-00	35,018.19000	F			
65-00-06	34,703.68000	F	65-05-10	34,815.64000	F	65-10-14	34,921.28000	F	66-04-02	35,020.49000	F			
65-00-08	34,706.41000	F	65-05-12	34,818.23000	F	65-11-00	34,923.72000	F	66-04-04	35,022.76000	F			
65-00-10	34,709.14000	F	65-05-14	34,820.82000	F	65-11-02	34,926.17000	F	66-04-06	35,025.03000	F			
65-00-12	34,711.88000	F	65-06-00	34,823.41000	F	65-11-04	34,928.58000	F	66-04-08	35,027.30000	F			
65-00-14	34,714.61000	F	65-06-02	34,826.00000	F	65-11-06	34,931.00000	F	66-04-10	35,029.57000	F			
65-01-00	34,717.34000	F	65-06-04	34,828.56000	F	65-11-08	34,933.42000	F	66-04-12	35,031.84000	F			
65-01-02	34,720.08000	F	65-06-06	34,831.13000	F	65-11-10	34,935.83000	F	66-04-14	35,034.11000	F			
65-01-04	34,722.78000	F	65-06-08	34,833.69000	F	65-11-12	34,938.25000	F	66-05-00	35,036.38000	F			
65-01-06	34,725.49000	F	65-06-10	34,836.25000	F	65-11-14	34,940.67000	F	66-05-02	35,038.65000	F			
65-01-08	34,728.19000	F	65-06-12	34,838.81000	F	66-00-00	34,943.08000	F	66-05-04	35,040.89000	F			
65-01-10	34,730.90000	F	65-06-14	34,841.37000	F	66-00-02	34,945.50000	F	66-05-06	35,043.13000	F			
65-01-12	34,733.60000	F	65-07-00	34,843.94000	F	66-00-04	34,947.89000	F	66-05-08	35,045.37000	F			
65-01-14	34,736.31000	F	65-07-02	34,846.50000	F	66-00-06	34,950.28000	F	66-05-10	35,047.61000	F			
65-02-00	34,739.01000	F	65-07-04	34,849.03000	F	66-00-08	34,952.66000	F	66-05-12	35,049.85000	F			
65-02-02	34,741.72000	F	65-07-06	34,851.56000	F	66-00-10	34,955.05000	F	66-05-14	35,052.09000	F			

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction					
Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00					
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
66-06-00	35,054.33000	F	66-11-04	35,144.64000	F	67-04-08	35,228.28000	F	67-09-12	35,305.18000	F
66-06-02	35,056.57000	F	66-11-06	35,146.70000	F	67-04-10	35,230.19000	F	67-09-14	35,306.93000	F
66-06-04	35,058.78000	F	66-11-08	35,148.76000	F	67-04-12	35,232.09000	F	67-10-00	35,308.68000	F
66-06-06	35,060.99000	F	66-11-10	35,150.82000	F	67-04-14	35,234.00000	F	67-10-02	35,310.44000	F
66-06-08	35,063.20000	F	66-11-12	35,152.88000	F	67-05-00	35,235.91000	F	67-10-04	35,312.16000	F
66-06-10	35,065.41000	F	66-11-14	35,154.94000	F	67-05-02	35,237.82000	F	67-10-06	35,313.88000	F
66-06-12	35,067.62000	F	67-00-00	35,157.00000	F	67-05-04	35,239.69000	F	67-10-08	35,315.60000	F
66-06-14	35,069.83000	F	67-00-02	35,159.06000	F	67-05-06	35,241.57000	F	67-10-10	35,317.33000	F
66-07-00	35,072.04000	F	67-00-04	35,161.09000	F	67-05-08	35,243.45000	F	67-10-12	35,319.05000	F
66-07-02	35,074.25000	F	67-00-06	35,163.12000	F	67-05-10	35,245.33000	F	67-10-14	35,320.77000	F
66-07-04	35,076.43000	F	67-00-08	35,165.15000	F	67-05-12	35,247.20000	F	67-11-00	35,322.49000	F
66-07-06	35,078.61000	F	67-00-10	35,167.18000	F	67-05-14	35,249.08000	F	67-11-02	35,324.22000	F
66-07-08	35,080.79000	F	67-00-12	35,169.21000	F	67-06-00	35,250.96000	F	67-11-04	35,325.91000	F
66-07-10	35,082.97000	F	67-00-14	35,171.24000	F	67-06-02	35,252.83000	F	67-11-06	35,327.60000	F
66-07-12	35,085.15000	F	67-01-00	35,173.27000	F	67-06-04	35,254.68000	F	67-11-08	35,329.29000	F
66-07-14	35,087.33000	F	67-01-02	35,175.30000	F	67-06-06	35,256.53000	F	67-11-10	35,330.98000	F
66-08-00	35,089.51000	F	67-01-04	35,177.30000	F	67-06-08	35,258.37000	F	67-11-12	35,332.67000	F
66-08-02	35,091.69000	F	67-01-06	35,179.30000	F	67-06-10	35,260.22000	F	67-11-14	35,334.37000	F
66-08-04	35,093.84000	F	67-01-08	35,181.30000	F	67-06-12	35,262.07000	F	68-00-00	35,336.06000	F
66-08-06	35,095.99000	F	67-01-10	35,183.30000	F	67-06-14	35,263.91000	F	68-00-02	35,337.75000	F
66-08-08	35,098.14000	F	67-01-12	35,185.30000	F	67-07-00	35,265.76000	F	68-00-04	35,339.41000	F
66-08-10	35,100.30000	F	67-01-14	35,187.30000	F	67-07-02	35,267.61000	F	68-00-06	35,341.07000	F
66-08-12	35,102.45000	F	67-02-00	35,189.30000	F	67-07-04	35,269.42000	F	68-00-08	35,342.73000	F
66-08-14	35,104.60000	F	67-02-02	35,191.30000	F	67-07-06	35,271.24000	F	68-00-10	35,344.39000	F
66-09-00	35,106.75000	F	67-02-04	35,193.26000	F	67-07-08	35,273.05000	F	68-00-12	35,346.05000	F
66-09-02	35,108.90000	F	67-02-06	35,195.23000	F	67-07-10	35,274.87000	F	68-00-14	35,347.71000	F
66-09-04	35,111.02000	F	67-02-08	35,197.20000	F	67-07-12	35,276.68000	F	68-01-00	35,349.37000	F
66-09-06	35,113.14000	F	67-02-10	35,199.17000	F	67-07-14	35,278.50000	F	68-01-02	35,351.03000	F
66-09-08	35,115.26000	F	67-02-12	35,201.14000	F	67-08-00	35,280.31000	F	68-01-04	35,352.66000	F
66-09-10	35,117.38000	F	67-02-14	35,203.11000	F	67-08-02	35,282.13000	F	68-01-06	35,354.29000	F
66-09-12	35,119.50000	F	67-03-00	35,205.08000	F	67-08-04	35,283.92000	F	68-01-08	35,355.92000	F
66-09-14	35,121.62000	F	67-03-02	35,207.05000	F	67-08-06	35,285.70000	F	68-01-10	35,357.54000	F
66-10-00	35,123.74000	F	67-03-04	35,208.99000	F	67-08-08	35,287.48000	F	68-01-12	35,359.17000	F
66-10-02	35,125.86000	F	67-03-06	35,210.92000	F	67-08-10	35,289.27000	F	68-01-14	35,360.80000	F
66-10-04	35,127.95000	F	67-03-08	35,212.86000	F	67-08-12	35,291.05000	F	68-02-00	35,362.43000	F
66-10-06	35,130.04000	F	67-03-10	35,214.80000	F	67-08-14	35,292.84000	F	68-02-02	35,364.06000	F
66-10-08	35,132.13000	F	67-03-12	35,216.74000	F	67-09-00	35,294.62000	F	68-02-04	35,365.66000	F
66-10-10	35,134.22000	F	67-03-14	35,218.68000	F	67-09-02	35,296.41000	F	68-02-06	35,367.25000	F
66-10-12	35,136.31000	F	67-04-00	35,220.62000	F	67-09-04	35,298.16000	F	68-02-08	35,368.85000	F
66-10-14	35,138.40000	F	67-04-02	35,222.55000	F	67-09-06	35,299.91000	F	68-02-10	35,370.45000	F
66-11-00	35,140.49000	F	67-04-04	35,224.46000	F	67-09-08	35,301.67000	F	68-02-12	35,372.05000	F
66-11-02	35,142.58000	F	67-04-06	35,226.37000	F	67-09-10	35,303.42000	F	68-02-14	35,373.64000	F

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction					
Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00					
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
68-03-00	35,375.24000	F	68-08-04	35,438.35000	F	69-01-08	35,494.42000	F	69-06-12	35,543.37000	F
68-03-02	35,376.84000	F	68-08-06	35,439.76000	F	69-01-10	35,495.66000	F	69-06-14	35,544.46000	F
68-03-04	35,378.41000	F	68-08-08	35,441.17000	F	69-01-12	35,496.91000	F	69-07-00	35,545.54000	F
68-03-06	35,379.97000	F	68-08-10	35,442.58000	F	69-01-14	35,498.16000	F	69-07-02	35,546.63000	F
68-03-08	35,381.54000	F	68-08-12	35,443.98000	F	69-02-00	35,499.41000	F	69-07-04	35,547.68000	F
68-03-10	35,383.10000	F	68-08-14	35,445.39000	F	69-02-02	35,500.65000	F	69-07-06	35,548.73000	F
68-03-12	35,384.67000	F	68-09-00	35,446.80000	F	69-02-04	35,501.87000	F	69-07-08	35,549.78000	F
68-03-14	35,386.24000	F	68-09-02	35,448.21000	F	69-02-06	35,503.08000	F	69-07-10	35,550.83000	F
68-04-00	35,387.80000	F	68-09-04	35,449.58000	F	69-02-08	35,504.30000	F	69-07-12	35,551.88000	F
68-04-02	35,389.37000	F	68-09-06	35,450.96000	F	69-02-10	35,505.51000	F	69-07-14	35,552.93000	F
68-04-04	35,390.90000	F	68-09-08	35,452.33000	F	69-02-12	35,506.72000	F	69-08-00	35,553.99000	F
68-04-06	35,392.44000	F	68-09-10	35,453.71000	F	69-02-14	35,507.94000	F	69-08-02	35,555.04000	F
68-04-08	35,393.97000	F	68-09-12	35,455.08000	F	69-03-00	35,509.15000	F	69-08-04	35,556.06000	F
68-04-10	35,395.50000	F	68-09-14	35,456.46000	F	69-03-02	35,510.37000	F	69-08-06	35,557.07000	F
68-04-12	35,397.04000	F	68-10-00	35,457.83000	F	69-03-04	35,511.55000	F	69-08-08	35,558.09000	F
68-04-14	35,398.57000	F	68-10-02	35,459.21000	F	69-03-06	35,512.73000	F	69-08-10	35,559.11000	F
68-05-00	35,400.11000	F	68-10-04	35,460.55000	F	69-03-08	35,513.91000	F	69-08-12	35,560.13000	F
68-05-02	35,401.64000	F	68-10-06	35,461.90000	F	69-03-10	35,515.10000	F	69-08-14	35,561.15000	F
68-05-04	35,403.15000	F	68-10-08	35,463.24000	F	69-03-12	35,516.28000	F	69-09-00	35,562.17000	F
68-05-06	35,404.65000	F	68-10-10	35,464.58000	F	69-03-14	35,517.46000	F	69-09-02	35,563.19000	F
68-05-08	35,406.15000	F	68-10-12	35,465.93000	F	69-04-00	35,518.64000	F	69-09-04	35,564.17000	F
68-05-10	35,407.65000	F	68-10-14	35,467.27000	F	69-04-02	35,519.82000	F	69-09-06	35,565.16000	F
68-05-12	35,409.16000	F	68-11-00	35,468.61000	F	69-04-04	35,520.97000	F	69-09-08	35,566.14000	F
68-05-14	35,410.66000	F	68-11-02	35,469.96000	F	69-04-06	35,522.12000	F	69-09-10	35,567.13000	F
68-06-00	35,412.16000	F	68-11-04	35,471.27000	F	69-04-08	35,523.27000	F	69-09-12	35,568.11000	F
68-06-02	35,413.66000	F	68-11-06	35,472.58000	F	69-04-10	35,524.42000	F	69-09-14	35,569.10000	F
68-06-04	35,415.14000	F	68-11-08	35,473.89000	F	69-04-12	35,525.57000	F	69-10-00	35,570.09000	F
68-06-06	35,416.61000	F	68-11-10	35,475.20000	F	69-04-14	35,526.72000	F	69-10-02	35,571.07000	F
68-06-08	35,418.08000	F	68-11-12	35,476.51000	F	69-05-00	35,527.87000	F	69-10-04	35,572.02000	F
68-06-10	35,419.55000	F	68-11-14	35,477.82000	F	69-05-02	35,529.02000	F	69-10-06	35,572.98000	F
68-06-12	35,421.02000	F	69-00-00	35,479.13000	F	69-05-04	35,530.14000	F	69-10-08	35,573.93000	F
68-06-14	35,422.49000	F	69-00-02	35,480.45000	F	69-05-06	35,531.25000	F	69-10-10	35,574.88000	F
68-07-00	35,423.96000	F	69-00-04	35,481.72000	F	69-05-08	35,532.37000	F	69-10-12	35,575.83000	F
68-07-02	35,425.43000	F	69-00-06	35,483.00000	F	69-05-10	35,533.49000	F	69-10-14	35,576.79000	F
68-07-04	35,426.87000	F	69-00-08	35,484.28000	F	69-05-12	35,534.60000	F	69-11-00	35,577.74000	F
68-07-06	35,428.31000	F	69-00-10	35,485.56000	F	69-05-14	35,535.72000	F	69-11-02	35,578.69000	F
68-07-08	35,429.75000	F	69-00-12	35,486.84000	F	69-06-00	35,536.84000	F	69-11-04	35,579.61000	F
68-07-10	35,431.19000	F	69-00-14	35,488.12000	F	69-06-02	35,537.95000	F	69-11-06	35,580.53000	F
68-07-12	35,432.63000	F	69-01-00	35,489.40000	F	69-06-04	35,539.04000	F	69-11-08	35,581.45000	F
68-07-14	35,434.07000	F	69-01-02	35,490.68000	F	69-06-06	35,540.12000	F	69-11-10	35,582.37000	F
68-08-00	35,435.51000	F	69-01-04	35,491.92000	F	69-06-08	35,541.21000	F	69-11-12	35,583.29000	F
68-08-02	35,436.95000	F	69-01-06	35,493.17000	F	69-06-10	35,542.29000	F	69-11-14	35,584.21000	F

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID	035-002	Tank Type	V	Roof Weight	API	Gravity Correction					
Max. Strapping Height	72-02-08	Strapped By:	HMT	11/27/2012	Floating Height	0-00-00					
FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
70-00-00	35,585.13000	F	70-05-04	35,619.55000	F	70-10-08	35,646.54000	F	71-03-12	35,666.04000	F
70-00-02	35,586.05000	F	70-05-06	35,620.27000	F	70-10-10	35,647.09000	F	71-03-14	35,666.42000	F
70-00-04	35,586.93000	F	70-05-08	35,620.99000	F	70-10-12	35,647.64000	F	71-04-00	35,666.80000	F
70-00-06	35,587.82000	F	70-05-10	35,621.70000	F	70-10-14	35,648.19000	F	71-04-02	35,667.18000	F
70-00-08	35,588.71000	F	70-05-12	35,622.42000	F	70-11-00	35,648.74000	F	71-04-04	35,667.52000	F
70-00-10	35,589.59000	F	70-05-14	35,623.14000	F	70-11-02	35,649.29000	F	71-04-06	35,667.87000	F
70-00-12	35,590.48000	F	70-06-00	35,623.86000	F	70-11-04	35,649.80000	F	71-04-08	35,668.21000	F
70-00-14	35,591.36000	F	70-06-02	35,624.58000	F	70-11-06	35,650.32000	F	71-04-10	35,668.56000	F
70-01-00	35,592.25000	F	70-06-04	35,625.27000	F	70-11-08	35,650.83000	F	71-04-12	35,668.90000	F
70-01-02	35,593.14000	F	70-06-06	35,625.95000	F	70-11-10	35,651.35000	F	71-04-14	35,669.24000	F
70-01-04	35,593.99000	F	70-06-08	35,626.64000	F	70-11-12	35,651.87000	F	71-05-00	35,669.59000	F
70-01-06	35,594.84000	F	70-06-10	35,627.32000	F	70-11-14	35,652.38000	F	71-05-02	35,669.93000	F
70-01-08	35,595.70000	F	70-06-12	35,628.01000	F	71-00-00	35,652.90000	F	71-05-04	35,670.24000	F
70-01-10	35,596.55000	F	70-06-14	35,628.69000	F	71-00-02	35,653.41000	F	71-05-06	35,670.55000	F
70-01-12	35,597.40000	F	70-07-00	35,629.38000	F	71-00-04	35,653.90000	F	71-05-08	35,670.86000	F
70-01-14	35,598.25000	F	70-07-02	35,630.06000	F	71-00-06	35,654.38000	F	71-05-10	35,671.17000	F
70-02-00	35,599.11000	F	70-07-04	35,630.71000	F	71-00-08	35,654.86000	F	71-05-12	35,671.48000	F
70-02-02	35,599.96000	F	70-07-06	35,631.37000	F	71-00-10	35,655.34000	F	71-05-14	35,671.79000	F
70-02-04	35,600.78000	F	70-07-08	35,632.02000	F	71-00-12	35,655.82000	F	71-06-00	35,672.10000	F
70-02-06	35,601.60000	F	70-07-10	35,632.67000	F	71-00-14	35,656.30000	F	71-06-02	35,672.41000	F
70-02-08	35,602.42000	F	70-07-12	35,633.32000	F	71-01-00	35,656.78000	F	71-06-04	35,672.68000	F
70-02-10	35,603.24000	F	70-07-14	35,633.97000	F	71-01-02	35,657.27000	F	71-06-06	35,672.96000	F
70-02-12	35,604.06000	F	70-08-00	35,634.62000	F	71-01-04	35,657.71000	F	71-06-08	35,673.23000	F
70-02-14	35,604.88000	F	70-08-02	35,635.28000	F	71-01-06	35,658.16000	F	71-06-10	35,673.51000	F
70-03-00	35,605.70000	F	70-08-04	35,635.89000	F	71-01-08	35,658.61000	F	71-06-12	35,673.78000	F
70-03-02	35,606.52000	F	70-08-06	35,636.51000	F	71-01-10	35,659.06000	F	71-06-14	35,674.06000	F
70-03-04	35,607.30000	F	70-08-08	35,637.13000	F	71-01-12	35,659.50000	F	71-07-00	35,674.33000	F
70-03-06	35,608.09000	F	70-08-10	35,637.75000	F	71-01-14	35,659.95000	F	71-07-02	35,674.61000	F
70-03-08	35,608.88000	F	70-08-12	35,638.37000	F	71-02-00	35,660.40000	F	71-07-04	35,674.85000	F
70-03-10	35,609.66000	F	70-08-14	35,638.98000	F	71-02-02	35,660.85000	F	71-07-06	35,675.09000	F
70-03-12	35,610.45000	F	70-09-00	35,639.60000	F	71-02-04	35,661.26000	F	71-07-08	35,675.33000	F
70-03-14	35,611.23000	F	70-09-02	35,640.22000	F	71-02-06	35,661.67000	F	71-07-10	35,675.57000	F
70-04-00	35,612.02000	F	70-09-04	35,640.80000	F	71-02-08	35,662.08000	F	71-07-12	35,675.81000	F
70-04-02	35,612.81000	F	70-09-06	35,641.39000	F	71-02-10	35,662.50000	F	71-07-14	35,676.05000	F
70-04-04	35,613.56000	F	70-09-08	35,641.97000	F	71-02-12	35,662.91000	F	71-08-00	35,676.29000	F
70-04-06	35,614.31000	F	70-09-10	35,642.55000	F	71-02-14	35,663.32000	F	71-08-02	35,676.53000	F
70-04-08	35,615.07000	F	70-09-12	35,643.14000	F	71-03-00	35,663.74000	F	71-08-04	35,676.74000	F
70-04-10	35,615.82000	F	70-09-14	35,643.72000	F	71-03-02	35,664.15000	F	71-08-06	35,676.94000	F
70-04-12	35,616.57000	F	70-10-00	35,644.31000	F	71-03-04	35,664.53000	F	71-08-08	35,677.15000	F
70-04-14	35,617.32000	F	70-10-02	35,644.89000	F	71-03-06	35,664.91000	F	71-08-10	35,677.35000	F
70-05-00	35,618.08000	F	70-10-04	35,645.44000	F	71-03-08	35,665.29000	F	71-08-12	35,677.56000	F
70-05-02	35,618.83000	F	70-10-06	35,645.99000	F	71-03-10	35,665.66000	F	71-08-14	35,677.76000	F

All values are based on 1/8 of an inch

Sphere Strapping Detail Report

Tank ID 035-002 Tank Type V Roof Weight API Gravity Correction
 Max. Strapping Height 72-02-08 Strapped By: HMT 11/27/2012 Floating Height 0-00-00

FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F	FT-IN-16th	Barrels	C/F
71-09-00	35,677.97000	F	72-02-04	35,682.21000	F						
71-09-02	35,678.17000	F	72-02-06	35,682.23000	F						
71-09-04	35,678.34000	F	72-02-08	35,682.25000	F						
71-09-06	35,678.51000	F									
71-09-08	35,678.69000	F									
71-09-10	35,678.86000	F									
71-09-12	35,679.03000	F									
71-09-14	35,679.20000	F									
71-10-00	35,679.37000	F									
71-10-02	35,679.54000	F									
71-10-04	35,679.67000	F									
71-10-06	35,679.81000	F									
71-10-08	35,679.95000	F									
71-10-10	35,680.08000	F									
71-10-12	35,680.22000	F									
71-10-14	35,680.35000	F									
71-11-00	35,680.49000	F									
71-11-02	35,680.62000	F									
71-11-04	35,680.72000	F									
71-11-06	35,680.82000	F									
71-11-08	35,680.93000	F									
71-11-10	35,681.03000	F									
71-11-12	35,681.13000	F									
71-11-14	35,681.23000	F									
72-00-00	35,681.33000	F									
72-00-02	35,681.43000	F									
72-00-04	35,681.49000	F									
72-00-06	35,681.56000	F									
72-00-08	35,681.62000	F									
72-00-10	35,681.69000	F									
72-00-12	35,681.76000	F									
72-00-14	35,681.82000	F									
72-01-00	35,681.89000	F									
72-01-02	35,681.95000	F									
72-01-04	35,681.98000	F									
72-01-06	35,682.01000	F									
72-01-08	35,682.04000	F									
72-01-10	35,682.07000	F									
72-01-12	35,682.10000	F									
72-01-14	35,682.13000	F									
72-02-00	35,682.16000	F									
72-02-02	35,682.19000	F									

All values are based on 1/8 of an inch