

Tank Strapping Detail Report

Tank ID **015-001** Tank Type **N** Roof Weight **0** API **.00** Gravity Correction **.00**  
 Strapped By: **HMT** 8/11/2011 Floating Height **0-00-00**

<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>
<b>0-00-00</b>	11.85	3-06-00	1,075.51	7-00-00	2,167.74	10-06-00	3,259.84
0-01-00	22.74	3-07-00	1,101.51	7-01-00	2,193.75	10-07-00	3,285.83
0-02-00	39.35	3-08-00	1,127.52	7-02-00	2,219.75	10-08-00	3,311.82
0-03-00	60.95	3-09-00	1,153.52	7-03-00	2,245.76	10-09-00	3,337.81
0-04-00	86.96	3-10-00	1,179.53	7-04-00	2,271.76	10-10-00	3,363.80
0-05-00	112.96	3-11-00	1,205.54	7-05-00	2,297.77	10-11-00	3,389.79
0-06-00	138.97	4-00-00	1,231.54	7-06-00	2,323.78	11-00-00	3,415.78
0-07-00	164.98	4-01-00	1,257.55	7-07-00	2,349.78	11-01-00	3,441.76
0-08-00	190.98	4-02-00	1,283.55	7-08-00	2,375.79	11-02-00	3,467.75
0-09-00	216.99	4-03-00	1,309.56	7-09-00	2,401.79	11-03-00	3,493.74
0-10-00	242.99	4-04-00	1,335.56	7-10-00	2,427.80	11-04-00	3,519.73
0-11-00	269.00	4-05-00	1,361.57	7-11-00	2,453.80	11-05-00	3,545.72
1-00-00	295.00	4-06-00	1,387.57	8-00-00	2,479.81	11-06-00	3,571.71
1-01-00	321.01	4-07-00	1,413.58	8-01-00	2,505.82	11-07-00	3,597.70
1-02-00	347.03	4-08-00	1,439.59	8-02-00	2,531.82	11-08-00	3,623.69
1-03-00	373.04	4-09-00	1,465.59	8-03-00	2,557.83	11-09-00	3,649.68
1-04-00	399.07	4-10-00	1,491.60	8-04-00	2,583.83	11-10-00	3,675.66
1-05-00	425.09	4-11-00	1,517.60	8-05-00	2,609.84	11-11-00	3,701.65
1-06-00	451.12	5-00-00	1,543.61	8-06-00	2,635.84	12-00-00	3,727.64
1-07-00	477.14	5-01-00	1,569.61	8-07-00	2,661.85	12-01-00	3,753.63
1-08-00	503.16	5-02-00	1,595.62	8-08-00	2,687.85	12-02-00	3,779.62
1-09-00	529.17	5-03-00	1,621.62	8-09-00	2,713.86	12-03-00	3,805.61
1-10-00	555.19	5-04-00	1,647.63	8-10-00	2,739.87	12-04-00	3,831.60
1-11-00	581.21	5-05-00	1,673.64	8-11-00	2,765.87	12-05-00	3,857.59
2-00-00	607.22	5-06-00	1,699.64	9-00-00	2,791.88	12-06-00	3,883.57
2-01-00	633.24	5-07-00	1,725.65	9-01-00	2,817.88	12-07-00	3,909.56
2-02-00	659.26	5-08-00	1,751.65	9-02-00	2,843.89	12-08-00	3,935.55
2-03-00	685.27	5-09-00	1,777.66	9-03-00	2,869.89	12-09-00	3,961.54
2-04-00	711.29	5-10-00	1,803.66	9-04-00	2,895.90	12-10-00	3,987.53
2-05-00	737.31	5-11-00	1,829.67	9-05-00	2,921.90	12-11-00	4,013.52
2-06-00	763.33	6-00-00	1,855.68	9-06-00	2,947.91	13-00-00	4,039.51
2-07-00	789.34	6-01-00	1,881.68	9-07-00	2,973.92	13-01-00	4,065.50
2-08-00	815.36	6-02-00	1,907.69	9-08-00	2,999.92	13-02-00	4,091.48
2-09-00	841.38	6-03-00	1,933.69	9-09-00	3,025.93	13-03-00	4,117.47
2-10-00	867.40	6-04-00	1,959.70	9-10-00	3,051.93	13-04-00	4,143.46
2-11-00	893.41	6-05-00	1,985.70	9-11-00	3,077.92	13-05-00	4,169.45
3-00-00	919.43	6-06-00	2,011.71	10-00-00	3,103.91	13-06-00	4,195.44
3-01-00	945.45	6-07-00	2,037.71	10-01-00	3,129.90	13-07-00	4,221.43
3-02-00	971.47	6-08-00	2,063.72	10-02-00	3,155.89	13-08-00	4,247.42
3-03-00	997.48	6-09-00	2,089.73	10-03-00	3,181.88	13-09-00	4,273.41
3-04-00	1,023.50	6-10-00	2,115.73	10-04-00	3,207.87	13-10-00	4,299.40
3-05-00	1,049.50	6-11-00	2,141.74	10-05-00	3,233.85	13-11-00	4,325.38

All fractional values are to be calculated between the one inch values at the point of strapping

## Tank Strapping Detail Report

Tank ID	015-001	Tank Type	N	Roof Weight	0	API	.00	Gravity Correction	.00
				Strapped By:	HMT	8/11/2011	Floating Height	0-00-00	
<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>
14-00-00	4,351.37	17-06-00	5,442.90	21-00-00	6,534.69	24-06-00	7,626.96		
14-01-00	4,377.36	17-07-00	5,468.89	21-01-00	6,560.69	24-07-00	7,652.96		
14-02-00	4,403.35	17-08-00	5,494.88	21-02-00	6,586.70	24-08-00	7,678.97		
14-03-00	4,429.34	17-09-00	5,520.87	21-03-00	6,612.71	24-09-00	7,704.98		
14-04-00	4,455.33	17-10-00	5,546.86	21-04-00	6,638.71	24-10-00	7,730.98		
14-05-00	4,481.32	17-11-00	5,572.85	21-05-00	6,664.72	24-11-00	7,756.99		
14-06-00	4,507.31	18-00-00	5,598.84	21-06-00	6,690.73	25-00-00	7,782.99		
14-07-00	4,533.29	18-01-00	5,624.82	21-07-00	6,716.73	25-01-00	7,809.00		
14-08-00	4,559.28	18-02-00	5,650.81	21-08-00	6,742.74	25-02-00	7,835.01		
14-09-00	4,585.27	18-03-00	5,676.80	21-09-00	6,768.74	25-03-00	7,861.01		
14-10-00	4,611.26	18-04-00	5,702.79	21-10-00	6,794.75	25-04-00	7,887.02		
14-11-00	4,637.25	18-05-00	5,728.78	21-11-00	6,820.76	25-05-00	7,913.03		
15-00-00	4,663.24	18-06-00	5,754.77	22-00-00	6,846.76	25-06-00	7,939.03		
15-01-00	4,689.23	18-07-00	5,780.76	22-01-00	6,872.77	25-07-00	7,965.04		
15-02-00	4,715.22	18-08-00	5,806.75	22-02-00	6,898.78	25-08-00	7,991.05		
15-03-00	4,741.20	18-09-00	5,832.73	22-03-00	6,924.78	25-09-00	8,017.05		
15-04-00	4,767.19	18-10-00	5,858.72	22-04-00	6,950.79	25-10-00	8,043.06		
15-05-00	4,793.18	18-11-00	5,884.71	22-05-00	6,976.80	25-11-00	8,069.06		
15-06-00	4,819.17	19-00-00	5,910.70	22-06-00	7,002.80	26-00-00	8,095.07		
15-07-00	4,845.16	19-01-00	5,936.69	22-07-00	7,028.81	26-01-00	8,121.08		
15-08-00	4,871.15	19-02-00	5,962.68	22-08-00	7,054.82	26-02-00	8,147.08		
15-09-00	4,897.14	19-03-00	5,988.67	22-09-00	7,080.82	26-03-00	8,173.09		
15-10-00	4,923.13	19-04-00	6,014.66	22-10-00	7,106.83	26-04-00	8,199.10		
15-11-00	4,949.12	19-05-00	6,040.64	22-11-00	7,132.83	26-05-00	8,225.10		
16-00-00	4,975.10	19-06-00	6,066.63	23-00-00	7,158.84	26-06-00	8,251.11		
16-01-00	5,001.09	19-07-00	6,092.62	23-01-00	7,184.85	26-07-00	8,277.12		
16-02-00	5,027.08	19-08-00	6,118.61	23-02-00	7,210.85	26-08-00	8,303.12		
16-03-00	5,053.07	19-09-00	6,144.60	23-03-00	7,236.86	26-09-00	8,329.13		
16-04-00	5,079.06	19-10-00	6,170.60	23-04-00	7,262.87	26-10-00	8,355.14		
16-05-00	5,105.05	19-11-00	6,196.60	23-05-00	7,288.87	26-11-00	8,381.14		
16-06-00	5,131.04	20-00-00	6,222.61	23-06-00	7,314.88	27-00-00	8,407.15		
16-07-00	5,157.03	20-01-00	6,248.62	23-07-00	7,340.89	27-01-00	8,433.15		
16-08-00	5,183.01	20-02-00	6,274.62	23-08-00	7,366.89	27-02-00	8,459.16		
16-09-00	5,209.00	20-03-00	6,300.63	23-09-00	7,392.90	27-03-00	8,485.17		
16-10-00	5,234.99	20-04-00	6,326.64	23-10-00	7,418.90	27-04-00	8,511.17		
16-11-00	5,260.98	20-05-00	6,352.64	23-11-00	7,444.91	27-05-00	8,537.18		
17-00-00	5,286.97	20-06-00	6,378.65	24-00-00	7,470.92	27-06-00	8,563.19		
17-01-00	5,312.96	20-07-00	6,404.66	24-01-00	7,496.92	27-07-00	8,589.19		
17-02-00	5,338.95	20-08-00	6,430.66	24-02-00	7,522.93	27-08-00	8,615.20		
17-03-00	5,364.94	20-09-00	6,456.67	24-03-00	7,548.94	27-09-00	8,641.21		
17-04-00	5,390.92	20-10-00	6,482.67	24-04-00	7,574.94	27-10-00	8,667.21		
17-05-00	5,416.91	20-11-00	6,508.68	24-05-00	7,600.95	27-11-00	8,693.22		

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Tank ID	015-001	Tank Type	N	Roof Weight	0	API	.00	Gravity Correction	.00
				Strapped By:	HMT	8/11/2011	Floating Height	0-00-00	
<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>
28-00-00	8,719.22	31-06-00	9,811.49	35-00-00	10,903.76	38-06-00	11,995.80		
28-01-00	8,745.23	31-07-00	9,837.50	35-01-00	10,929.77	38-07-00	12,021.79		
28-02-00	8,771.24	31-08-00	9,863.51	35-02-00	10,955.78	38-08-00	12,047.77		
28-03-00	8,797.24	31-09-00	9,889.51	35-03-00	10,981.78	38-09-00	12,073.75		
28-04-00	8,823.25	31-10-00	9,915.52	35-04-00	11,007.79	38-10-00	12,099.73		
28-05-00	8,849.26	31-11-00	9,941.53	35-05-00	11,033.79	38-11-00	12,125.72		
28-06-00	8,875.26	32-00-00	9,967.53	35-06-00	11,059.80	39-00-00	12,151.70		
28-07-00	8,901.27	32-01-00	9,993.54	35-07-00	11,085.81	39-01-00	12,177.68		
28-08-00	8,927.28	32-02-00	10,019.54	35-08-00	11,111.81	39-02-00	12,203.66		
28-09-00	8,953.28	32-03-00	10,045.55	35-09-00	11,137.82	39-03-00	12,229.64		
28-10-00	8,979.29	32-04-00	10,071.56	35-10-00	11,163.83	39-04-00	12,255.63		
28-11-00	9,005.30	32-05-00	10,097.56	35-11-00	11,189.83	39-05-00	12,281.61		
29-00-00	9,031.30	32-06-00	10,123.57	36-00-00	11,215.84	39-06-00	12,307.59		
29-01-00	9,057.31	32-07-00	10,149.58	36-01-00	11,241.85	39-07-00	12,333.57		
29-02-00	9,083.31	32-08-00	10,175.58	36-02-00	11,267.85	39-08-00	12,359.56		
29-03-00	9,109.32	32-09-00	10,201.59	36-03-00	11,293.86	39-09-00	12,385.54		
29-04-00	9,135.33	32-10-00	10,227.60	36-04-00	11,319.86	39-10-00	12,411.52		
29-05-00	9,161.33	32-11-00	10,253.60	36-05-00	11,345.87	39-11-00	12,437.50		
29-06-00	9,187.34	33-00-00	10,279.61	36-06-00	11,371.88	40-00-00	12,463.49		
29-07-00	9,213.35	33-01-00	10,305.62	36-07-00	11,397.88	40-01-00	12,489.47		
29-08-00	9,239.35	33-02-00	10,331.62	36-08-00	11,423.89	40-02-00	12,515.45		
29-09-00	9,265.36	33-03-00	10,357.63	36-09-00	11,449.90	40-03-00	12,541.43		
29-10-00	9,291.37	33-04-00	10,383.63	36-10-00	11,475.90	40-04-00	12,567.42		
29-11-00	9,317.37	33-05-00	10,409.64	36-11-00	11,501.91	40-05-00	12,593.40		
30-00-00	9,343.38	33-06-00	10,435.65	37-00-00	11,527.92	40-06-00	12,619.38		
30-01-00	9,369.38	33-07-00	10,461.65	37-01-00	11,553.92	40-07-00	12,645.36		
30-02-00	9,395.39	33-08-00	10,487.66	37-02-00	11,579.93	40-08-00	12,671.35		
30-03-00	9,421.40	33-09-00	10,513.67	37-03-00	11,605.94	40-09-00	12,697.33		
30-04-00	9,447.40	33-10-00	10,539.67	37-04-00	11,631.94	40-10-00	12,723.31		
30-05-00	9,473.41	33-11-00	10,565.68	37-05-00	11,657.95	40-11-00	12,749.29		
30-06-00	9,499.42	34-00-00	10,591.69	37-06-00	11,683.95	41-00-00	12,775.28		
30-07-00	9,525.42	34-01-00	10,617.69	37-07-00	11,709.96	41-01-00	12,801.26		
30-08-00	9,551.43	34-02-00	10,643.70	37-08-00	11,735.97	41-02-00	12,827.24		
30-09-00	9,577.44	34-03-00	10,669.70	37-09-00	11,761.96	41-03-00	12,853.22		
30-10-00	9,603.44	34-04-00	10,695.71	37-10-00	11,787.94	41-04-00	12,879.20		
30-11-00	9,629.45	34-05-00	10,721.72	37-11-00	11,813.93	41-05-00	12,905.19		
31-00-00	9,655.46	34-06-00	10,747.72	38-00-00	11,839.91	41-06-00	12,931.17		
31-01-00	9,681.46	34-07-00	10,773.73	38-01-00	11,865.89	41-07-00	12,957.15		
31-02-00	9,707.47	34-08-00	10,799.74	38-02-00	11,891.87	41-08-00	12,983.13		
31-03-00	9,733.47	34-09-00	10,825.74	38-03-00	11,917.86	41-09-00	13,009.12		
31-04-00	9,759.48	34-10-00	10,851.75	38-04-00	11,943.84	41-10-00	13,035.10		
31-05-00	9,785.49	34-11-00	10,877.76	38-05-00	11,969.82	41-11-00	13,061.08		

All fractional values are to be calculated between the one inch values at the point of strapping

## Tank Strapping Detail Report

Tank ID **015-001** Tank Type **N** Roof Weight **0** API **.00** Gravity Correction **.00**  
 Strapped By: HMT 8/11/2011 Floating Height **0-00-00**

<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>	<u>FT-IN-8th</u>	<u>Barrels</u>
42-00-00	13,087.06	45-06-00	14,178.32	49-00-00	15,269.11	52-06-00	16,359.87
42-01-00	13,113.05	45-07-00	14,204.31	49-01-00	15,295.08	52-07-00	16,385.84
42-02-00	13,139.03	45-08-00	14,230.29	49-02-00	15,321.05	52-08-00	16,411.81
42-03-00	13,165.01	45-09-00	14,256.27	49-03-00	15,347.02	52-09-00	16,437.78
42-04-00	13,190.99	45-10-00	14,282.24	49-04-00	15,372.99	52-10-00	16,463.75
42-05-00	13,216.98	45-11-00	14,308.21	49-05-00	15,398.96	52-11-00	16,489.72
42-06-00	13,242.96	46-00-00	14,334.18	49-06-00	15,424.93	53-00-00	16,515.69
42-07-00	13,268.94	46-01-00	14,360.15	49-07-00	15,450.90	53-01-00	16,541.66
42-08-00	13,294.92	46-02-00	14,386.12	49-08-00	15,476.87	53-02-00	16,567.63
42-09-00	13,320.91	46-03-00	14,412.09	49-09-00	15,502.85	53-03-00	16,593.60
42-10-00	13,346.89	46-04-00	14,438.06	49-10-00	15,528.82	53-04-00	16,619.57
42-11-00	13,372.87	46-05-00	14,464.03	49-11-00	15,554.79	53-05-00	16,645.54
43-00-00	13,398.85	46-06-00	14,490.00	50-00-00	15,580.76	53-06-00	16,671.51
43-01-00	13,424.84	46-07-00	14,515.97	50-01-00	15,606.73	53-07-00	16,697.48
43-02-00	13,450.82	46-08-00	14,541.94	50-02-00	15,632.70	53-08-00	16,723.45
43-03-00	13,476.80	46-09-00	14,567.91	50-03-00	15,658.67		
43-04-00	13,502.78	46-10-00	14,593.88	50-04-00	15,684.64		
43-05-00	13,528.76	46-11-00	14,619.85	50-05-00	15,710.61		
43-06-00	13,554.75	47-00-00	14,645.82	50-06-00	15,736.58		
43-07-00	13,580.73	47-01-00	14,671.79	50-07-00	15,762.55		
43-08-00	13,606.71	47-02-00	14,697.76	50-08-00	15,788.52		
43-09-00	13,632.69	47-03-00	14,723.73	50-09-00	15,814.49		
43-10-00	13,658.68	47-04-00	14,749.70	50-10-00	15,840.46		
43-11-00	13,684.66	47-05-00	14,775.67	50-11-00	15,866.43		
44-00-00	13,710.64	47-06-00	14,801.64	51-00-00	15,892.40		
44-01-00	13,736.62	47-07-00	14,827.61	51-01-00	15,918.37		
44-02-00	13,762.61	47-08-00	14,853.59	51-02-00	15,944.34		
44-03-00	13,788.59	47-09-00	14,879.56	51-03-00	15,970.31		
44-04-00	13,814.57	47-10-00	14,905.53	51-04-00	15,996.28		
44-05-00	13,840.55	47-11-00	14,931.50	51-05-00	16,022.25		
44-06-00	13,866.54	48-00-00	14,957.47	51-06-00	16,048.22		
44-07-00	13,892.52	48-01-00	14,983.44	51-07-00	16,074.19		
44-08-00	13,918.50	48-02-00	15,009.41	51-08-00	16,100.16		
44-09-00	13,944.48	48-03-00	15,035.38	51-09-00	16,126.13		
44-10-00	13,970.47	48-04-00	15,061.35	51-10-00	16,152.11		
44-11-00	13,996.45	48-05-00	15,087.32	51-11-00	16,178.08		
45-00-00	14,022.43	48-06-00	15,113.29	52-00-00	16,204.05		
45-01-00	14,048.41	48-07-00	15,139.26	52-01-00	16,230.02		
45-02-00	14,074.40	48-08-00	15,165.23	52-02-00	16,255.99		
45-03-00	14,100.38	48-09-00	15,191.20	52-03-00	16,281.96		
45-04-00	14,126.36	48-10-00	15,217.17	52-04-00	16,307.93		
45-05-00	14,152.34	48-11-00	15,243.14	52-05-00	16,333.90		

All fractional values are to be calculated between the one inch values at the point of strapping