

Tank Strapping Detail Report

Tank ID **012-012** Tank Type **F** Roof Weight **2,267** API **41.80** Gravity Correction **.05**
 Strapped By: **HMT** 6/30/2009 Floating Height **3-00-00**

<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>
0-00-00	20.75	3-06-00	1,042.59 F	7-00-00	2,100.05 F	10-06-00	3,156.93 F
0-01-00	32.81	3-07-00	1,067.76 F	7-01-00	2,125.22 F	10-07-00	3,182.09 F
0-02-00	49.29	3-08-00	1,092.94 F	7-02-00	2,150.40 F	10-08-00	3,207.26 F
0-03-00	70.42	3-09-00	1,118.12 F	7-03-00	2,175.56 F	10-09-00	3,232.42 F
0-04-00	93.93	3-10-00	1,143.30 F	7-04-00	2,200.73 F	10-10-00	3,257.58 F
0-05-00	118.65	3-11-00	1,168.47 F	7-05-00	2,225.89 F	10-11-00	3,282.75 F
0-06-00	143.81	4-00-00	1,193.65 F	7-06-00	2,251.05 F	11-00-00	3,307.91 F
0-07-00	168.98	4-01-00	1,218.83 F	7-07-00	2,276.22 F	11-01-00	3,333.07 F
0-08-00	194.16	4-02-00	1,244.01 F	7-08-00	2,301.38 F	11-02-00	3,358.23 F
0-09-00	219.34	4-03-00	1,269.19 F	7-09-00	2,326.54 F	11-03-00	3,383.40 F
0-10-00	244.53	4-04-00	1,294.36 F	7-10-00	2,351.71 F	11-04-00	3,408.56 F
0-11-00	269.72	4-05-00	1,319.54 F	7-11-00	2,376.87 F	11-05-00	3,433.72 F
1-00-00	294.91	4-06-00	1,344.72 F	8-00-00	2,402.03 F	11-06-00	3,458.89 F
1-01-00	320.10	4-07-00	1,369.90 F	8-01-00	2,427.20 F	11-07-00	3,484.05 F
1-02-00	345.29	4-08-00	1,395.07 F	8-02-00	2,452.36 F	11-08-00	3,509.21 F
1-03-00	370.49	4-09-00	1,420.25 F	8-03-00	2,477.52 F	11-09-00	3,534.38 F
1-04-00	395.68	4-10-00	1,445.43 F	8-04-00	2,502.69 F	11-10-00	3,559.54 F
1-05-00	420.87	4-11-00	1,470.61 F	8-05-00	2,527.85 F	11-11-00	3,584.70 F
1-06-00	446.06	5-00-00	1,495.78 F	8-06-00	2,553.01 F	12-00-00	3,609.87 F
1-07-00	471.25	5-01-00	1,520.96 F	8-07-00	2,578.18 F	12-01-00	3,635.03 F
1-08-00	496.44	5-02-00	1,546.14 F	8-08-00	2,603.34 F	12-02-00	3,660.19 F
1-09-00	521.64	5-03-00	1,571.32 F	8-09-00	2,628.50 F	12-03-00	3,685.36 F
1-10-00	546.83	5-04-00	1,596.49 F	8-10-00	2,653.67 F	12-04-00	3,710.52 F
1-11-00	572.02	5-05-00	1,621.67 F	8-11-00	2,678.83 F	12-05-00	3,735.68 F
2-00-00	597.21	5-06-00	1,646.85 F	9-00-00	2,703.99 F	12-06-00	3,760.85 F
2-01-00	622.40	5-07-00	1,672.03 F	9-01-00	2,729.15 F	12-07-00	3,786.01 F
2-02-00	647.59	5-08-00	1,697.20 F	9-02-00	2,754.32 F	12-08-00	3,811.17 F
2-03-00	672.78	5-09-00	1,722.38 F	9-03-00	2,779.48 F	12-09-00	3,836.34 F
2-04-00	697.97	5-10-00	1,747.56 F	9-04-00	2,804.64 F	12-10-00	3,861.50 F
2-05-00	723.17	5-11-00	1,772.74 F	9-05-00	2,829.81 F	12-11-00	3,886.66 F
2-06-00	748.36	6-00-00	1,797.91 F	9-06-00	2,854.97 F	13-00-00	3,911.83 F
2-07-00	773.55	6-01-00	1,823.09 F	9-07-00	2,880.13 F	13-01-00	3,936.99 F
2-08-00	798.74	6-02-00	1,848.27 F	9-08-00	2,905.30 F	13-02-00	3,962.15 F
2-09-00	823.93	6-03-00	1,873.45 F	9-09-00	2,930.46 F	13-03-00	3,987.31 F
2-10-00	849.11	6-04-00	1,898.63 F	9-10-00	2,955.62 F	13-04-00	4,012.48 F
2-11-00	874.28	6-05-00	1,923.80 F	9-11-00	2,980.79 F	13-05-00	4,037.64 F
3-00-00	899.46 F	6-06-00	1,948.98 F	10-00-00	3,005.95 F	13-06-00	4,062.80 F
3-01-00	924.43 F	6-07-00	1,974.16 F	10-01-00	3,031.11 F	13-07-00	4,087.97 F
3-02-00	948.63 F	6-08-00	1,999.34 F	10-02-00	3,056.28 F	13-08-00	4,113.13 F
3-03-00	972.30 F	6-09-00	2,024.51 F	10-03-00	3,081.44 F	13-09-00	4,138.29 F
3-04-00	995.69 F	6-10-00	2,049.69 F	10-04-00	3,106.60 F	13-10-00	4,163.46 F
3-05-00	1,018.92 F	6-11-00	2,074.87 F	10-05-00	3,131.77 F	13-11-00	4,188.62 F

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

BOLD DENOTES ROOF CRITICAL ZONE

Tank ID **012-012** Tank Type **F** Roof Weight **2,267** API **41.80** Gravity Correction **.05**
 Strapped By: **HMT** 6/30/2009 Floating Height **3-00-00**

<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>
14-00-00	4,213.78 F	17-06-00	5,270.35 F	21-00-00	6,326.76 F	24-06-00	7,383.50 F
14-01-00	4,238.95 F	17-07-00	5,295.50 F	21-01-00	6,351.92 F	24-07-00	7,408.67 F
14-02-00	4,264.11 F	17-08-00	5,320.65 F	21-02-00	6,377.07 F	24-08-00	7,433.85 F
14-03-00	4,289.27 F	17-09-00	5,345.81 F	21-03-00	6,402.22 F	24-09-00	7,459.02 F
14-04-00	4,314.44 F	17-10-00	5,370.96 F	21-04-00	6,427.38 F	24-10-00	7,484.19 F
14-05-00	4,339.60 F	17-11-00	5,396.11 F	21-05-00	6,452.53 F	24-11-00	7,509.37 F
14-06-00	4,364.76 F	18-00-00	5,421.26 F	21-06-00	6,477.68 F	25-00-00	7,534.54 F
14-07-00	4,389.93 F	18-01-00	5,446.42 F	21-07-00	6,502.83 F	25-01-00	7,559.71 F
14-08-00	4,415.09 F	18-02-00	5,471.57 F	21-08-00	6,527.99 F	25-02-00	7,584.88 F
14-09-00	4,440.25 F	18-03-00	5,496.72 F	21-09-00	6,553.14 F	25-03-00	7,610.06 F
14-10-00	4,465.42 F	18-04-00	5,521.87 F	21-10-00	6,578.29 F	25-04-00	7,635.23 F
14-11-00	4,490.58 F	18-05-00	5,547.03 F	21-11-00	6,603.45 F	25-05-00	7,660.40 F
15-00-00	4,515.74 F	18-06-00	5,572.18 F	22-00-00	6,628.60 F	25-06-00	7,685.58 F
15-01-00	4,540.91 F	18-07-00	5,597.33 F	22-01-00	6,653.75 F	25-07-00	7,710.75 F
15-02-00	4,566.07 F	18-08-00	5,622.49 F	22-02-00	6,678.90 F	25-08-00	7,735.92 F
15-03-00	4,591.22 F	18-09-00	5,647.64 F	22-03-00	6,704.06 F	25-09-00	7,761.09 F
15-04-00	4,616.37 F	18-10-00	5,672.79 F	22-04-00	6,729.21 F	25-10-00	7,786.27 F
15-05-00	4,641.53 F	18-11-00	5,697.94 F	22-05-00	6,754.36 F	25-11-00	7,811.44 F
15-06-00	4,666.68 F	19-00-00	5,723.10 F	22-06-00	6,779.51 F	26-00-00	7,836.61 F
15-07-00	4,691.83 F	19-01-00	5,748.25 F	22-07-00	6,804.67 F	26-01-00	7,861.79 F
15-08-00	4,716.99 F	19-02-00	5,773.40 F	22-08-00	6,829.82 F	26-02-00	7,886.96 F
15-09-00	4,742.14 F	19-03-00	5,798.56 F	22-09-00	6,854.97 F	26-03-00	7,912.13 F
15-10-00	4,767.29 F	19-04-00	5,823.71 F	22-10-00	6,880.13 F	26-04-00	7,937.30 F
15-11-00	4,792.44 F	19-05-00	5,848.86 F	22-11-00	6,905.28 F	26-05-00	7,962.48 F
16-00-00	4,817.60 F	19-06-00	5,874.01 F	23-00-00	6,930.43 F	26-06-00	7,987.65 F
16-01-00	4,842.75 F	19-07-00	5,899.17 F	23-01-00	6,955.58 F	26-07-00	8,012.82 F
16-02-00	4,867.90 F	19-08-00	5,924.32 F	23-02-00	6,980.74 F	26-08-00	8,037.99 F
16-03-00	4,893.05 F	19-09-00	5,949.47 F	23-03-00	7,005.91 F	26-09-00	8,063.17 F
16-04-00	4,918.21 F	19-10-00	5,974.63 F	23-04-00	7,031.08 F	26-10-00	8,088.34 F
16-05-00	4,943.36 F	19-11-00	5,999.78 F	23-05-00	7,056.26 F	26-11-00	8,113.51 F
16-06-00	4,968.51 F	20-00-00	6,024.93 F	23-06-00	7,081.43 F	27-00-00	8,138.69 F
16-07-00	4,993.67 F	20-01-00	6,050.08 F	23-07-00	7,106.60 F	27-01-00	8,163.86 F
16-08-00	5,018.82 F	20-02-00	6,075.24 F	23-08-00	7,131.77 F	27-02-00	8,189.03 F
16-09-00	5,043.97 F	20-03-00	6,100.39 F	23-09-00	7,156.95 F	27-03-00	8,214.20 F
16-10-00	5,069.12 F	20-04-00	6,125.54 F	23-10-00	7,182.12 F	27-04-00	8,239.38 F
16-11-00	5,094.28 F	20-05-00	6,150.69 F	23-11-00	7,207.29 F	27-05-00	8,264.55 F
17-00-00	5,119.43 F	20-06-00	6,175.85 F	24-00-00	7,232.47 F	27-06-00	8,289.72 F
17-01-00	5,144.58 F	20-07-00	6,201.00 F	24-01-00	7,257.64 F	27-07-00	8,314.90 F
17-02-00	5,169.74 F	20-08-00	6,226.15 F	24-02-00	7,282.81 F	27-08-00	8,340.07 F
17-03-00	5,194.89 F	20-09-00	6,251.31 F	24-03-00	7,307.98 F	27-09-00	8,365.24 F
17-04-00	5,220.04 F	20-10-00	6,276.46 F	24-04-00	7,333.16 F	27-10-00	8,390.41 F
17-05-00	5,245.19 F	20-11-00	6,301.61 F	24-05-00	7,358.33 F	27-11-00	8,415.59 F

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BOLD DENOTES ROOF CRITICAL ZONE

Tank Strapping Detail Report

Tank ID **012-012** Tank Type **F** Roof Weight **2,267** API **41.80** Gravity Correction **.05**
 Strapped By: **HMT** 6/30/2009 Floating Height **3-00-00**

<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>
28-00-00	8,440.76 F	31-06-00	9,498.03 F	35-00-00	10,555.42 F	38-06-00	11,612.81 F
28-01-00	8,465.93 F	31-07-00	9,523.21 F	35-01-00	10,580.60 F	38-07-00	11,637.99 F
28-02-00	8,491.11 F	31-08-00	9,548.38 F	35-02-00	10,605.77 F	38-08-00	11,663.17 F
28-03-00	8,516.28 F	31-09-00	9,573.56 F	35-03-00	10,630.95 F	38-09-00	11,688.34 F
28-04-00	8,541.45 F	31-10-00	9,598.73 F	35-04-00	10,656.13 F	38-10-00	11,713.52 F
28-05-00	8,566.62 F	31-11-00	9,623.91 F	35-05-00	10,681.30 F	38-11-00	11,738.69 F
28-06-00	8,591.80 F	32-00-00	9,649.09 F	35-06-00	10,706.48 F	39-00-00	11,763.87 F
28-07-00	8,616.97 F	32-01-00	9,674.26 F	35-07-00	10,731.65 F	39-01-00	11,789.05 F
28-08-00	8,642.14 F	32-02-00	9,699.44 F	35-08-00	10,756.83 F	39-02-00	11,814.22 F
28-09-00	8,667.31 F	32-03-00	9,724.61 F	35-09-00	10,782.01 F	39-03-00	11,839.40 F
28-10-00	8,692.49 F	32-04-00	9,749.79 F	35-10-00	10,807.18 F	39-04-00	11,864.57 F
28-11-00	8,717.66 F	32-05-00	9,774.97 F	35-11-00	10,832.36 F		
29-00-00	8,742.83 F	32-06-00	9,800.14 F	36-00-00	10,857.53 F		
29-01-00	8,768.01 F	32-07-00	9,825.32 F	36-01-00	10,882.71 F		
29-02-00	8,793.18 F	32-08-00	9,850.49 F	36-02-00	10,907.89 F		
29-03-00	8,818.35 F	32-09-00	9,875.67 F	36-03-00	10,933.06 F		
29-04-00	8,843.52 F	32-10-00	9,900.85 F	36-04-00	10,958.24 F		
29-05-00	8,868.70 F	32-11-00	9,926.02 F	36-05-00	10,983.41 F		
29-06-00	8,893.87 F	33-00-00	9,951.20 F	36-06-00	11,008.59 F		
29-07-00	8,919.04 F	33-01-00	9,976.37 F	36-07-00	11,033.77 F		
29-08-00	8,944.22 F	33-02-00	10,001.55 F	36-08-00	11,058.94 F		
29-09-00	8,969.39 F	33-03-00	10,026.73 F	36-09-00	11,084.12 F		
29-10-00	8,994.56 F	33-04-00	10,051.90 F	36-10-00	11,109.29 F		
29-11-00	9,019.73 F	33-05-00	10,077.08 F	36-11-00	11,134.47 F		
30-00-00	9,044.91 F	33-06-00	10,102.25 F	37-00-00	11,159.65 F		
30-01-00	9,070.08 F	33-07-00	10,127.43 F	37-01-00	11,184.82 F		
30-02-00	9,095.25 F	33-08-00	10,152.61 F	37-02-00	11,210.00 F		
30-03-00	9,120.43 F	33-09-00	10,177.78 F	37-03-00	11,235.17 F		
30-04-00	9,145.60 F	33-10-00	10,202.96 F	37-04-00	11,260.35 F		
30-05-00	9,170.77 F	33-11-00	10,228.13 F	37-05-00	11,285.53 F		
30-06-00	9,195.94 F	34-00-00	10,253.31 F	37-06-00	11,310.70 F		
30-07-00	9,221.12 F	34-01-00	10,278.49 F	37-07-00	11,335.88 F		
30-08-00	9,246.29 F	34-02-00	10,303.66 F	37-08-00	11,361.05 F		
30-09-00	9,271.46 F	34-03-00	10,328.84 F	37-09-00	11,386.23 F		
30-10-00	9,296.63 F	34-04-00	10,354.01 F	37-10-00	11,411.41 F		
30-11-00	9,321.81 F	34-05-00	10,379.19 F	37-11-00	11,436.58 F		
31-00-00	9,346.98 F	34-06-00	10,404.37 F	38-00-00	11,461.76 F		
31-01-00	9,372.15 F	34-07-00	10,429.54 F	38-01-00	11,486.93 F		
31-02-00	9,397.33 F	34-08-00	10,454.72 F	38-02-00	11,512.11 F		
31-03-00	9,422.50 F	34-09-00	10,479.89 F	38-03-00	11,537.29 F		
31-04-00	9,447.68 F	34-10-00	10,505.07 F	38-04-00	11,562.46 F		
31-05-00	9,472.85 F	34-11-00	10,530.25 F	38-05-00	11,587.64 F		

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BOLD DENOTES ROOF CRITICAL ZONE