

Tank Strapping Detail Report

Tank ID **012-033** Tank Type **F** Roof Weight **2,004** API **35.00** Gravity Correction **.04**
 Strapped By: **HMT** 4/8/2010 Floating Height **3-05-00**

<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	6.19	3-06-00	862.89 F	7-00-00	1,740.13 F	10-06-00	2,624.18 F
0-01-00	14.24	3-07-00	883.10 F	7-01-00	1,761.18 F	10-07-00	2,645.23 F
0-02-00	26.93	3-08-00	902.86 F	7-02-00	1,782.22 F	10-08-00	2,666.28 F
0-03-00	44.09	3-09-00	922.39 F	7-03-00	1,803.26 F	10-09-00	2,687.33 F
0-04-00	63.50	3-10-00	941.77 F	7-04-00	1,824.31 F	10-10-00	2,708.38 F
0-05-00	84.27	3-11-00	961.54 F	7-05-00	1,845.35 F	10-11-00	2,729.43 F
0-06-00	105.32	4-00-00	982.58 F	7-06-00	1,866.39 F	11-00-00	2,750.48 F
0-07-00	126.37	4-01-00	1,003.62 F	7-07-00	1,887.44 F	11-01-00	2,771.53 F
0-08-00	147.40	4-02-00	1,024.67 F	7-08-00	1,908.48 F	11-02-00	2,792.58 F
0-09-00	168.43	4-03-00	1,045.71 F	7-09-00	1,929.52 F	11-03-00	2,813.63 F
0-10-00	189.44	4-04-00	1,066.75 F	7-10-00	1,950.57 F	11-04-00	2,834.68 F
0-11-00	210.45	4-05-00	1,087.80 F	7-11-00	1,971.62 F	11-05-00	2,855.73 F
1-00-00	231.46	4-06-00	1,108.84 F	8-00-00	1,992.67 F	11-06-00	2,876.78 F
1-01-00	252.47	4-07-00	1,129.88 F	8-01-00	2,013.72 F	11-07-00	2,897.83 F
1-02-00	273.51	4-08-00	1,150.93 F	8-02-00	2,034.77 F	11-08-00	2,918.89 F
1-03-00	294.53	4-09-00	1,171.97 F	8-03-00	2,055.82 F	11-09-00	2,939.94 F
1-04-00	315.58	4-10-00	1,193.01 F	8-04-00	2,076.87 F	11-10-00	2,960.99 F
1-05-00	336.63	4-11-00	1,214.05 F	8-05-00	2,097.92 F	11-11-00	2,982.04 F
1-06-00	357.69	5-00-00	1,235.10 F	8-06-00	2,118.97 F	12-00-00	3,003.09 F
1-07-00	378.75	5-01-00	1,256.14 F	8-07-00	2,140.02 F	12-01-00	3,024.14 F
1-08-00	399.81	5-02-00	1,277.18 F	8-08-00	2,161.07 F	12-02-00	3,045.19 F
1-09-00	420.87	5-03-00	1,298.23 F	8-09-00	2,182.12 F	12-03-00	3,066.24 F
1-10-00	441.93	5-04-00	1,319.27 F	8-10-00	2,203.17 F	12-04-00	3,087.29 F
1-11-00	462.98	5-05-00	1,340.31 F	8-11-00	2,224.22 F	12-05-00	3,108.34 F
2-00-00	484.04	5-06-00	1,361.36 F	9-00-00	2,245.27 F	12-06-00	3,129.39 F
2-01-00	505.10	5-07-00	1,382.40 F	9-01-00	2,266.32 F	12-07-00	3,150.44 F
2-02-00	526.16	5-08-00	1,403.44 F	9-02-00	2,287.37 F	12-08-00	3,171.49 F
2-03-00	547.22	5-09-00	1,424.49 F	9-03-00	2,308.42 F	12-09-00	3,192.54 F
2-04-00	568.28	5-10-00	1,445.53 F	9-04-00	2,329.47 F	12-10-00	3,213.59 F
2-05-00	589.33	5-11-00	1,466.57 F	9-05-00	2,350.52 F	12-11-00	3,234.64 F
2-06-00	610.39	6-00-00	1,487.62 F	9-06-00	2,371.57 F	13-00-00	3,255.69 F
2-07-00	631.45	6-01-00	1,508.66 F	9-07-00	2,392.63 F	13-01-00	3,276.74 F
2-08-00	652.51	6-02-00	1,529.70 F	9-08-00	2,413.68 F	13-02-00	3,297.79 F
2-09-00	673.57	6-03-00	1,550.75 F	9-09-00	2,434.73 F	13-03-00	3,318.84 F
2-10-00	694.63	6-04-00	1,571.79 F	9-10-00	2,455.78 F	13-04-00	3,339.89 F
2-11-00	715.69	6-05-00	1,592.83 F	9-11-00	2,476.83 F	13-05-00	3,360.94 F
3-00-00	736.74	6-06-00	1,613.88 F	10-00-00	2,497.88 F	13-06-00	3,381.99 F
3-01-00	757.80	6-07-00	1,634.92 F	10-01-00	2,518.93 F	13-07-00	3,403.04 F
3-02-00	778.86	6-08-00	1,655.96 F	10-02-00	2,539.98 F	13-08-00	3,424.09 F
3-03-00	799.92	6-09-00	1,677.01 F	10-03-00	2,561.03 F	13-09-00	3,445.15 F
3-04-00	820.98	6-10-00	1,698.05 F	10-04-00	2,582.08 F	13-10-00	3,466.20 F
3-05-00	842.02 F	6-11-00	1,719.09 F	10-05-00	2,603.13 F	13-11-00	3,487.25 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 **012-033** Tank Type **F** Roof Weight **2,004** API **35.00** Gravity Correction **.04**
 Strapped By: **HMT** 4/8/2010 Floating Height **3-05-00**

<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	3,508.30 F	17-06-00	4,392.81 F	21-00-00	5,277.77 F	24-06-00	6,162.74 F
14-01-00	3,529.35 F	17-07-00	4,413.88 F	21-01-00	5,298.84 F	24-07-00	6,183.81 F
14-02-00	3,550.40 F	17-08-00	4,434.95 F	21-02-00	5,319.91 F	24-08-00	6,204.88 F
14-03-00	3,571.45 F	17-09-00	4,456.02 F	21-03-00	5,340.98 F	24-09-00	6,225.95 F
14-04-00	3,592.50 F	17-10-00	4,477.09 F	21-04-00	5,362.05 F	24-10-00	6,247.03 F
14-05-00	3,613.55 F	17-11-00	4,498.17 F	21-05-00	5,383.12 F	24-11-00	6,268.10 F
14-06-00	3,634.60 F	18-00-00	4,519.24 F	21-06-00	5,404.19 F	25-00-00	6,289.17 F
14-07-00	3,655.65 F	18-01-00	4,540.31 F	21-07-00	5,425.26 F	25-01-00	6,310.24 F
14-08-00	3,676.70 F	18-02-00	4,561.38 F	21-08-00	5,446.33 F	25-02-00	6,331.31 F
14-09-00	3,697.75 F	18-03-00	4,582.45 F	21-09-00	5,467.40 F	25-03-00	6,352.39 F
14-10-00	3,718.80 F	18-04-00	4,603.52 F	21-10-00	5,488.47 F	25-04-00	6,373.46 F
14-11-00	3,739.85 F	18-05-00	4,624.59 F	21-11-00	5,509.54 F	25-05-00	6,394.53 F
15-00-00	3,760.90 F	18-06-00	4,645.66 F	22-00-00	5,530.61 F	25-06-00	6,415.60 F
15-01-00	3,781.95 F	18-07-00	4,666.73 F	22-01-00	5,551.69 F	25-07-00	6,436.67 F
15-02-00	3,803.00 F	18-08-00	4,687.80 F	22-02-00	5,572.76 F	25-08-00	6,457.75 F
15-03-00	3,824.05 F	18-09-00	4,708.87 F	22-03-00	5,593.83 F	25-09-00	6,478.82 F
15-04-00	3,845.10 F	18-10-00	4,729.94 F	22-04-00	5,614.90 F	25-10-00	6,499.89 F
15-05-00	3,866.15 F	18-11-00	4,751.01 F	22-05-00	5,635.97 F	25-11-00	6,520.96 F
15-06-00	3,887.20 F	19-00-00	4,772.08 F	22-06-00	5,657.04 F	26-00-00	6,542.03 F
15-07-00	3,908.25 F	19-01-00	4,793.15 F	22-07-00	5,678.11 F	26-01-00	6,563.11 F
15-08-00	3,929.30 F	19-02-00	4,814.22 F	22-08-00	5,699.18 F	26-02-00	6,584.18 F
15-09-00	3,950.35 F	19-03-00	4,835.29 F	22-09-00	5,720.25 F	26-03-00	6,605.25 F
15-10-00	3,971.41 F	19-04-00	4,856.36 F	22-10-00	5,741.32 F	26-04-00	6,626.32 F
15-11-00	3,992.48 F	19-05-00	4,877.43 F	22-11-00	5,762.39 F	26-05-00	6,647.39 F
16-00-00	4,013.55 F	19-06-00	4,898.50 F	23-00-00	5,783.46 F	26-06-00	6,668.47 F
16-01-00	4,034.62 F	19-07-00	4,919.57 F	23-01-00	5,804.53 F	26-07-00	6,689.54 F
16-02-00	4,055.69 F	19-08-00	4,940.64 F	23-02-00	5,825.60 F	26-08-00	6,710.61 F
16-03-00	4,076.76 F	19-09-00	4,961.71 F	23-03-00	5,846.67 F	26-09-00	6,731.68 F
16-04-00	4,097.83 F	19-10-00	4,982.78 F	23-04-00	5,867.74 F	26-10-00	6,752.75 F
16-05-00	4,118.90 F	19-11-00	5,003.85 F	23-05-00	5,888.81 F	26-11-00	6,773.83 F
16-06-00	4,139.97 F	20-00-00	5,024.93 F	23-06-00	5,909.88 F	27-00-00	6,794.90 F
16-07-00	4,161.04 F	20-01-00	5,046.00 F	23-07-00	5,930.95 F	27-01-00	6,815.97 F
16-08-00	4,182.11 F	20-02-00	5,067.07 F	23-08-00	5,952.02 F	27-02-00	6,837.04 F
16-09-00	4,203.18 F	20-03-00	5,088.14 F	23-09-00	5,973.09 F	27-03-00	6,858.11 F
16-10-00	4,224.25 F	20-04-00	5,109.21 F	23-10-00	5,994.16 F	27-04-00	6,879.19 F
16-11-00	4,245.32 F	20-05-00	5,130.28 F	23-11-00	6,015.23 F	27-05-00	6,900.26 F
17-00-00	4,266.39 F	20-06-00	5,151.35 F	24-00-00	6,036.31 F	27-06-00	6,921.33 F
17-01-00	4,287.46 F	20-07-00	5,172.42 F	24-01-00	6,057.38 F	27-07-00	6,942.40 F
17-02-00	4,308.53 F	20-08-00	5,193.49 F	24-02-00	6,078.45 F	27-08-00	6,963.47 F
17-03-00	4,329.60 F	20-09-00	5,214.56 F	24-03-00	6,099.52 F	27-09-00	6,984.55 F
17-04-00	4,350.67 F	20-10-00	5,235.63 F	24-04-00	6,120.59 F	27-10-00	7,005.62 F
17-05-00	4,371.74 F	20-11-00	5,256.70 F	24-05-00	6,141.67 F	27-11-00	7,026.69 F

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BOLD DENOTES ROOF CRITICAL ZONE

Tank Strapping Detail Report

Tank ID **012-033** Tank Type **F** Roof Weight **2,004** API **35.00** Gravity Correction **.04**
 Strapped By: HMT 4/8/2010 Floating Height **3-05-00**

<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	7,047.76 F	31-06-00	7,932.79 F	35-00-00	8,818.37 F	38-06-00	9,704.03 F
28-01-00	7,068.83 F	31-07-00	7,953.86 F	35-01-00	8,839.46 F	38-07-00	9,725.12 F
28-02-00	7,089.91 F	31-08-00	7,974.93 F	35-02-00	8,860.54 F	38-08-00	9,746.21 F
28-03-00	7,110.98 F	31-09-00	7,996.00 F	35-03-00	8,881.63 F	38-09-00	9,767.29 F
28-04-00	7,132.05 F	31-10-00	8,017.07 F	35-04-00	8,902.72 F	38-10-00	9,788.38 F
28-05-00	7,153.12 F	31-11-00	8,038.15 F	35-05-00	8,923.80 F	38-11-00	9,809.47 F
28-06-00	7,174.19 F	32-00-00	8,059.23 F	35-06-00	8,944.89 F	39-00-00	9,830.55 F
28-07-00	7,195.27 F	32-01-00	8,080.32 F	35-07-00	8,965.98 F	39-01-00	9,851.64 F
28-08-00	7,216.34 F	32-02-00	8,101.40 F	35-08-00	8,987.07 F	39-02-00	9,872.73 F
28-09-00	7,237.41 F	32-03-00	8,122.49 F	35-09-00	9,008.15 F	39-03-00	9,893.82 F
28-10-00	7,258.48 F	32-04-00	8,143.58 F	35-10-00	9,029.24 F	39-04-00	9,914.90 F
28-11-00	7,279.55 F	32-05-00	8,164.67 F	35-11-00	9,050.33 F	39-05-00	9,935.99 F
29-00-00	7,300.63 F	32-06-00	8,185.75 F	36-00-00	9,071.42 F	39-06-00	9,957.08 F
29-01-00	7,321.70 F	32-07-00	8,206.84 F	36-01-00	9,092.50 F	39-07-00	9,978.16 F
29-02-00	7,342.77 F	32-08-00	8,227.93 F	36-02-00	9,113.59 F	39-08-00	9,999.25 F
29-03-00	7,363.84 F	32-09-00	8,249.01 F	36-03-00	9,134.68 F	39-09-00	10,020.34 F
29-04-00	7,384.91 F	32-10-00	8,270.10 F	36-04-00	9,155.76 F	39-10-00	10,041.43 F
29-05-00	7,405.99 F	32-11-00	8,291.19 F	36-05-00	9,176.85 F	39-11-00	10,062.51 F
29-06-00	7,427.06 F	33-00-00	8,312.28 F	36-06-00	9,197.94 F	40-00-00	10,083.59 F
29-07-00	7,448.13 F	33-01-00	8,333.36 F	36-07-00	9,219.03 F	40-01-00	10,104.64 F
29-08-00	7,469.20 F	33-02-00	8,354.45 F	36-08-00	9,240.11 F	40-02-00	10,125.69 F
29-09-00	7,490.27 F	33-03-00	8,375.54 F	36-09-00	9,261.20 F	40-03-00	10,146.75 F
29-10-00	7,511.35 F	33-04-00	8,396.62 F	36-10-00	9,282.29 F	40-04-00	10,167.80 F
29-11-00	7,532.42 F	33-05-00	8,417.71 F	36-11-00	9,303.37 F	40-05-00	10,188.85 F
30-00-00	7,553.49 F	33-06-00	8,438.80 F	37-00-00	9,324.46 F	40-06-00	10,209.90 F
30-01-00	7,574.56 F	33-07-00	8,459.89 F	37-01-00	9,345.55 F	40-07-00	10,230.95 F
30-02-00	7,595.63 F	33-08-00	8,480.97 F	37-02-00	9,366.64 F	40-08-00	10,252.00 F
30-03-00	7,616.71 F	33-09-00	8,502.06 F	37-03-00	9,387.72 F	40-09-00	10,273.05 F
30-04-00	7,637.78 F	33-10-00	8,523.15 F	37-04-00	9,408.81 F	40-10-00	10,294.10 F
30-05-00	7,658.85 F	33-11-00	8,544.24 F	37-05-00	9,429.90 F	40-11-00	10,315.16 F
30-06-00	7,679.92 F	34-00-00	8,565.32 F	37-06-00	9,450.98 F	41-00-00	10,336.21 F
30-07-00	7,700.99 F	34-01-00	8,586.41 F	37-07-00	9,472.07 F	41-01-00	10,357.26 F
30-08-00	7,722.07 F	34-02-00	8,607.50 F	37-08-00	9,493.16 F	41-02-00	10,378.31 F
30-09-00	7,743.14 F	34-03-00	8,628.58 F	37-09-00	9,514.25 F	41-03-00	10,399.36 F
30-10-00	7,764.21 F	34-04-00	8,649.67 F	37-10-00	9,535.33 F	41-04-00	10,420.41 F
30-11-00	7,785.28 F	34-05-00	8,670.76 F	37-11-00	9,556.42 F	41-05-00	10,441.46 F
31-00-00	7,806.35 F	34-06-00	8,691.85 F	38-00-00	9,577.51 F	41-06-00	10,462.51 F
31-01-00	7,827.43 F	34-07-00	8,712.93 F	38-01-00	9,598.60 F	41-07-00	10,483.56 F
31-02-00	7,848.50 F	34-08-00	8,734.02 F	38-02-00	9,619.68 F	41-08-00	10,504.62 F
31-03-00	7,869.57 F	34-09-00	8,755.11 F	38-03-00	9,640.77 F	41-09-00	10,525.67 F
31-04-00	7,890.64 F	34-10-00	8,776.19 F	38-04-00	9,661.86 F	41-10-00	10,546.72 F
31-05-00	7,911.71 F	34-11-00	8,797.28 F	38-05-00	9,682.94 F	41-11-00	10,567.77 F

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

BOLD DENOTES ROOF CRITICAL ZONE

Tank Strapping Detail Report

Tank ID **012-033** Tank Type **F** Roof Weight **2,004** API **35.00** Gravity Correction **.04**
 Strapped By: HMT 4/8/2010 Floating Height **3-05-00**

<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	10,588.82 F	45-06-00	11,472.97 F				
42-01-00	10,609.87 F	45-07-00	11,494.02 F				
42-02-00	10,630.92 F	45-08-00	11,515.07 F				
42-03-00	10,651.97 F	45-09-00	11,536.12 F				
42-04-00	10,673.03 F	45-10-00	11,557.18 F				
42-05-00	10,694.08 F	45-11-00	11,578.23 F				
42-06-00	10,715.13 F	46-00-00	11,599.28 F				
42-07-00	10,736.18 F	46-01-00	11,620.33 F				
42-08-00	10,757.23 F	46-02-00	11,641.38 F				
42-09-00	10,778.28 F	46-03-00	11,662.43 F				
42-10-00	10,799.33 F	46-04-00	11,683.48 F				
42-11-00	10,820.38 F	46-05-00	11,704.53 F				
43-00-00	10,841.44 F	46-06-00	11,725.59 F				
43-01-00	10,862.49 F	46-07-00	11,746.64 F				
43-02-00	10,883.54 F	46-08-00	11,767.69 F				
43-03-00	10,904.59 F	46-09-00	11,788.74 F				
43-04-00	10,925.64 F	46-10-00	11,809.79 F				
43-05-00	10,946.69 F	46-11-00	11,830.84 F				
43-06-00	10,967.74 F	47-00-00	11,851.89 F				
43-07-00	10,988.79 F	47-01-00	11,872.94 F				
43-08-00	11,009.84 F	47-02-00	11,894.00 F				
43-09-00	11,030.90 F	47-03-00	11,915.05 F				
43-10-00	11,051.95 F	47-04-00	11,936.10 F				
43-11-00	11,073.00 F	47-05-00	11,957.15 F				
44-00-00	11,094.05 F	47-06-00	11,978.20 F				
44-01-00	11,115.10 F	47-07-00	11,999.25 F				
44-02-00	11,136.15 F	47-08-00	12,020.30 F				
44-03-00	11,157.20 F	47-09-00	12,041.35 F				
44-04-00	11,178.25 F	47-10-00	12,062.40 F				
44-05-00	11,199.31 F	47-11-00	12,083.46 F				
44-06-00	11,220.36 F	48-00-00	12,104.51 F				
44-07-00	11,241.41 F	48-01-00	12,125.56 F				
44-08-00	11,262.46 F	48-02-00	12,146.61 F				
44-09-00	11,283.51 F						
44-10-00	11,304.56 F						
44-11-00	11,325.61 F						
45-00-00	11,346.66 F						
45-01-00	11,367.72 F						
45-02-00	11,388.77 F						
45-03-00	11,409.82 F						
45-04-00	11,430.87 F						
45-05-00	11,451.92 F						

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

BOLD DENOTES ROOF CRITICAL ZONE