

Tank Strapping Detail Report

Tank ID **012-034** Tank Type **F** Roof Weight **1,047** API **35.00** Gravity Correction **.02**
 Strapped By: **HMT** 2/14/2011 Floating Height **3-07-00**

<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	4.37	3-06-00	848.46	7-00-00	1,728.38 F	10-06-00	2,611.70 F
0-01-00	12.88	3-07-00	869.49 F	7-01-00	1,749.42 F	10-07-00	2,632.74 F
0-02-00	24.87	3-08-00	890.30 F	7-02-00	1,770.45 F	10-08-00	2,653.77 F
0-03-00	39.23	3-09-00	910.80 F	7-03-00	1,791.49 F	10-09-00	2,674.80 F
0-04-00	56.67	3-10-00	931.11 F	7-04-00	1,812.52 F	10-10-00	2,695.83 F
0-05-00	76.33	3-11-00	951.32 F	7-05-00	1,833.56 F	10-11-00	2,716.86 F
0-06-00	97.36	4-00-00	971.48 F	7-06-00	1,854.59 F	11-00-00	2,737.89 F
0-07-00	118.39	4-01-00	992.18 F	7-07-00	1,875.62 F	11-01-00	2,758.92 F
0-08-00	139.43	4-02-00	1,013.21 F	7-08-00	1,896.66 F	11-02-00	2,779.95 F
0-09-00	160.45	4-03-00	1,034.25 F	7-09-00	1,917.69 F	11-03-00	2,800.98 F
0-10-00	181.47	4-04-00	1,055.28 F	7-10-00	1,938.73 F	11-04-00	2,822.01 F
0-11-00	202.50	4-05-00	1,076.32 F	7-11-00	1,959.76 F	11-05-00	2,843.04 F
1-00-00	223.52	4-06-00	1,097.35 F	8-00-00	1,980.79 F	11-06-00	2,864.07 F
1-01-00	244.55	4-07-00	1,118.39 F	8-01-00	2,001.82 F	11-07-00	2,885.10 F
1-02-00	265.57	4-08-00	1,139.42 F	8-02-00	2,022.85 F	11-08-00	2,906.13 F
1-03-00	286.59	4-09-00	1,160.46 F	8-03-00	2,043.88 F	11-09-00	2,927.16 F
1-04-00	307.61	4-10-00	1,181.49 F	8-04-00	2,064.91 F	11-10-00	2,948.19 F
1-05-00	328.64	4-11-00	1,202.52 F	8-05-00	2,085.94 F	11-11-00	2,969.22 F
1-06-00	349.69	5-00-00	1,223.56 F	8-06-00	2,106.98 F	12-00-00	2,990.25 F
1-07-00	370.74	5-01-00	1,244.59 F	8-07-00	2,128.01 F	12-01-00	3,011.28 F
1-08-00	391.79	5-02-00	1,265.63 F	8-08-00	2,149.04 F	12-02-00	3,032.31 F
1-09-00	412.84	5-03-00	1,286.66 F	8-09-00	2,170.07 F	12-03-00	3,053.34 F
1-10-00	433.89	5-04-00	1,307.70 F	8-10-00	2,191.10 F	12-04-00	3,074.37 F
1-11-00	454.94	5-05-00	1,328.73 F	8-11-00	2,212.13 F	12-05-00	3,095.40 F
2-00-00	475.99	5-06-00	1,349.76 F	9-00-00	2,233.16 F	12-06-00	3,116.43 F
2-01-00	497.04	5-07-00	1,370.80 F	9-01-00	2,254.19 F	12-07-00	3,137.46 F
2-02-00	518.09	5-08-00	1,391.83 F	9-02-00	2,275.22 F	12-08-00	3,158.50 F
2-03-00	539.14	5-09-00	1,412.87 F	9-03-00	2,296.25 F	12-09-00	3,179.53 F
2-04-00	560.19	5-10-00	1,433.90 F	9-04-00	2,317.28 F	12-10-00	3,200.56 F
2-05-00	581.24	5-11-00	1,454.94 F	9-05-00	2,338.31 F	12-11-00	3,221.59 F
2-06-00	601.97	6-00-00	1,475.97 F	9-06-00	2,359.34 F	13-00-00	3,242.62 F
2-07-00	622.38	6-01-00	1,497.01 F	9-07-00	2,380.37 F	13-01-00	3,263.65 F
2-08-00	642.79	6-02-00	1,518.04 F	9-08-00	2,401.40 F	13-02-00	3,284.68 F
2-09-00	663.20	6-03-00	1,539.07 F	9-09-00	2,422.43 F	13-03-00	3,305.71 F
2-10-00	683.60	6-04-00	1,560.11 F	9-10-00	2,443.46 F	13-04-00	3,326.74 F
2-11-00	704.01	6-05-00	1,581.14 F	9-11-00	2,464.49 F	13-05-00	3,347.77 F
3-00-00	724.42	6-06-00	1,602.18 F	10-00-00	2,485.52 F	13-06-00	3,368.80 F
3-01-00	744.83	6-07-00	1,623.21 F	10-01-00	2,506.55 F	13-07-00	3,389.83 F
3-02-00	765.24	6-08-00	1,644.25 F	10-02-00	2,527.58 F	13-08-00	3,410.86 F
3-03-00	785.65	6-09-00	1,665.28 F	10-03-00	2,548.61 F	13-09-00	3,431.89 F
3-04-00	806.38	6-10-00	1,686.32 F	10-04-00	2,569.64 F	13-10-00	3,452.92 F
3-05-00	827.42	6-11-00	1,707.35 F	10-05-00	2,590.67 F	13-11-00	3,473.95 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 **012-034** Tank Type **F** Roof Weight **1,047** API **35.00** Gravity Correction **.02**
 Strapped By: **HMT** 2/14/2011 Floating Height **3-07-00**

<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	3,494.98 F	17-06-00	4,378.81 F	21-00-00	5,263.30 F	24-06-00	6,148.14 F
14-01-00	3,516.01 F	17-07-00	4,399.87 F	21-01-00	5,284.36 F	24-07-00	6,169.25 F
14-02-00	3,537.04 F	17-08-00	4,420.93 F	21-02-00	5,305.42 F	24-08-00	6,190.36 F
14-03-00	3,558.07 F	17-09-00	4,441.99 F	21-03-00	5,326.48 F	24-09-00	6,211.47 F
14-04-00	3,579.10 F	17-10-00	4,463.05 F	21-04-00	5,347.54 F	24-10-00	6,232.57 F
14-05-00	3,600.13 F	17-11-00	4,484.11 F	21-05-00	5,368.60 F	24-11-00	6,253.68 F
14-06-00	3,621.16 F	18-00-00	4,505.17 F	21-06-00	5,389.65 F	25-00-00	6,274.79 F
14-07-00	3,642.19 F	18-01-00	4,526.23 F	21-07-00	5,410.71 F	25-01-00	6,295.90 F
14-08-00	3,663.22 F	18-02-00	4,547.29 F	21-08-00	5,431.77 F	25-02-00	6,317.01 F
14-09-00	3,684.26 F	18-03-00	4,568.35 F	21-09-00	5,452.83 F	25-03-00	6,338.12 F
14-10-00	3,705.29 F	18-04-00	4,589.40 F	21-10-00	5,473.89 F	25-04-00	6,359.23 F
14-11-00	3,726.32 F	18-05-00	4,610.46 F	21-11-00	5,494.95 F	25-05-00	6,380.34 F
15-00-00	3,747.35 F	18-06-00	4,631.52 F	22-00-00	5,516.01 F	25-06-00	6,401.44 F
15-01-00	3,768.38 F	18-07-00	4,652.58 F	22-01-00	5,537.07 F	25-07-00	6,422.55 F
15-02-00	3,789.41 F	18-08-00	4,673.64 F	22-02-00	5,558.13 F	25-08-00	6,443.66 F
15-03-00	3,810.44 F	18-09-00	4,694.70 F	22-03-00	5,579.19 F	25-09-00	6,464.77 F
15-04-00	3,831.47 F	18-10-00	4,715.76 F	22-04-00	5,600.25 F	25-10-00	6,485.88 F
15-05-00	3,852.50 F	18-11-00	4,736.82 F	22-05-00	5,621.31 F	25-11-00	6,506.99 F
15-06-00	3,873.53 F	19-00-00	4,757.88 F	22-06-00	5,642.36 F	26-00-00	6,528.10 F
15-07-00	3,894.56 F	19-01-00	4,778.94 F	22-07-00	5,663.42 F	26-01-00	6,549.21 F
15-08-00	3,915.59 F	19-02-00	4,800.00 F	22-08-00	5,684.48 F	26-02-00	6,570.31 F
15-09-00	3,936.62 F	19-03-00	4,821.06 F	22-09-00	5,705.54 F	26-03-00	6,591.42 F
15-10-00	3,957.65 F	19-04-00	4,842.12 F	22-10-00	5,726.60 F	26-04-00	6,612.53 F
15-11-00	3,978.69 F	19-05-00	4,863.17 F	22-11-00	5,747.66 F	26-05-00	6,633.64 F
16-00-00	3,999.75 F	19-06-00	4,884.23 F	23-00-00	5,768.72 F	26-06-00	6,654.75 F
16-01-00	4,020.81 F	19-07-00	4,905.29 F	23-01-00	5,789.78 F	26-07-00	6,675.86 F
16-02-00	4,041.87 F	19-08-00	4,926.35 F	23-02-00	5,810.84 F	26-08-00	6,696.97 F
16-03-00	4,062.92 F	19-09-00	4,947.41 F	23-03-00	5,831.90 F	26-09-00	6,718.08 F
16-04-00	4,083.98 F	19-10-00	4,968.47 F	23-04-00	5,852.96 F	26-10-00	6,739.19 F
16-05-00	4,105.04 F	19-11-00	4,989.53 F	23-05-00	5,874.02 F	26-11-00	6,760.29 F
16-06-00	4,126.10 F	20-00-00	5,010.59 F	23-06-00	5,895.08 F	27-00-00	6,781.40 F
16-07-00	4,147.16 F	20-01-00	5,031.65 F	23-07-00	5,916.13 F	27-01-00	6,802.51 F
16-08-00	4,168.22 F	20-02-00	5,052.71 F	23-08-00	5,937.19 F	27-02-00	6,823.62 F
16-09-00	4,189.28 F	20-03-00	5,073.77 F	23-09-00	5,958.25 F	27-03-00	6,844.73 F
16-10-00	4,210.34 F	20-04-00	5,094.83 F	23-10-00	5,979.31 F	27-04-00	6,865.84 F
16-11-00	4,231.40 F	20-05-00	5,115.88 F	23-11-00	6,000.38 F	27-05-00	6,886.95 F
17-00-00	4,252.46 F	20-06-00	5,136.94 F	24-00-00	6,021.49 F	27-06-00	6,908.06 F
17-01-00	4,273.52 F	20-07-00	5,158.00 F	24-01-00	6,042.59 F	27-07-00	6,929.16 F
17-02-00	4,294.58 F	20-08-00	5,179.06 F	24-02-00	6,063.70 F	27-08-00	6,950.27 F
17-03-00	4,315.64 F	20-09-00	5,200.12 F	24-03-00	6,084.81 F	27-09-00	6,971.38 F
17-04-00	4,336.69 F	20-10-00	5,221.18 F	24-04-00	6,105.92 F	27-10-00	6,992.49 F
17-05-00	4,357.75 F	20-11-00	5,242.24 F	24-05-00	6,127.03 F	27-11-00	7,013.60 F

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

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Tank Strapping Detail Report

Tank ID **012-034** Tank Type **F** Roof Weight **1,047** API **35.00** Gravity Correction **.02**
 Strapped By: HMT 2/14/2011 Floating Height **3-07-00**

<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	7,034.71 F	31-06-00	7,921.28 F	35-00-00	8,807.85 F	38-06-00	9,694.42 F
28-01-00	7,055.82 F	31-07-00	7,942.39 F	35-01-00	8,828.96 F	38-07-00	9,715.53 F
28-02-00	7,076.93 F	31-08-00	7,963.50 F	35-02-00	8,850.07 F	38-08-00	9,736.63 F
28-03-00	7,098.03 F	31-09-00	7,984.60 F	35-03-00	8,871.17 F	38-09-00	9,757.74 F
28-04-00	7,119.14 F	31-10-00	8,005.71 F	35-04-00	8,892.28 F	38-10-00	9,778.85 F
28-05-00	7,140.25 F	31-11-00	8,026.82 F	35-05-00	8,913.39 F	38-11-00	9,799.96 F
28-06-00	7,161.36 F	32-00-00	8,047.93 F	35-06-00	8,934.50 F	39-00-00	9,821.07 F
28-07-00	7,182.47 F	32-01-00	8,069.04 F	35-07-00	8,955.61 F	39-01-00	9,842.18 F
28-08-00	7,203.58 F	32-02-00	8,090.15 F	35-08-00	8,976.72 F	39-02-00	9,863.29 F
28-09-00	7,224.69 F	32-03-00	8,111.26 F	35-09-00	8,997.83 F	39-03-00	9,884.40 F
28-10-00	7,245.80 F	32-04-00	8,132.37 F	35-10-00	9,018.94 F	39-04-00	9,905.51 F
28-11-00	7,266.91 F	32-05-00	8,153.47 F	35-11-00	9,040.04 F	39-05-00	9,926.61 F
29-00-00	7,288.01 F	32-06-00	8,174.58 F	36-00-00	9,061.15 F	39-06-00	9,947.72 F
29-01-00	7,309.12 F	32-07-00	8,195.69 F	36-01-00	9,082.26 F	39-07-00	9,968.83 F
29-02-00	7,330.23 F	32-08-00	8,216.80 F	36-02-00	9,103.37 F	39-08-00	9,989.94 F
29-03-00	7,351.34 F	32-09-00	8,237.91 F	36-03-00	9,124.48 F	39-09-00	10,011.05 F
29-04-00	7,372.45 F	32-10-00	8,259.02 F	36-04-00	9,145.59 F	39-10-00	10,032.16 F
29-05-00	7,393.56 F	32-11-00	8,280.13 F	36-05-00	9,166.70 F	39-11-00	10,053.27 F
29-06-00	7,414.67 F	33-00-00	8,301.24 F	36-06-00	9,187.81 F	40-00-00	10,074.36 F
29-07-00	7,435.78 F	33-01-00	8,322.35 F	36-07-00	9,208.91 F	40-01-00	10,095.45 F
29-08-00	7,456.88 F	33-02-00	8,343.45 F	36-08-00	9,230.02 F	40-02-00	10,116.55 F
29-09-00	7,477.99 F	33-03-00	8,364.56 F	36-09-00	9,251.13 F	40-03-00	10,137.64 F
29-10-00	7,499.10 F	33-04-00	8,385.67 F	36-10-00	9,272.24 F	40-04-00	10,158.73 F
29-11-00	7,520.21 F	33-05-00	8,406.78 F	36-11-00	9,293.35 F	40-05-00	10,179.82 F
30-00-00	7,541.32 F	33-06-00	8,427.89 F	37-00-00	9,314.46 F	40-06-00	10,200.91 F
30-01-00	7,562.43 F	33-07-00	8,449.00 F	37-01-00	9,335.57 F	40-07-00	10,222.00 F
30-02-00	7,583.54 F	33-08-00	8,470.11 F	37-02-00	9,356.68 F	40-08-00	10,243.09 F
30-03-00	7,604.65 F	33-09-00	8,491.22 F	37-03-00	9,377.79 F	40-09-00	10,264.18 F
30-04-00	7,625.75 F	33-10-00	8,512.32 F	37-04-00	9,398.89 F	40-10-00	10,285.27 F
30-05-00	7,646.86 F	33-11-00	8,533.43 F	37-05-00	9,420.00 F	40-11-00	10,306.36 F
30-06-00	7,667.97 F	34-00-00	8,554.54 F	37-06-00	9,441.11 F	41-00-00	10,327.45 F
30-07-00	7,689.08 F	34-01-00	8,575.65 F	37-07-00	9,462.22 F	41-01-00	10,348.54 F
30-08-00	7,710.19 F	34-02-00	8,596.76 F	37-08-00	9,483.33 F	41-02-00	10,369.63 F
30-09-00	7,731.30 F	34-03-00	8,617.87 F	37-09-00	9,504.44 F	41-03-00	10,390.72 F
30-10-00	7,752.41 F	34-04-00	8,638.98 F	37-10-00	9,525.55 F	41-04-00	10,411.81 F
30-11-00	7,773.52 F	34-05-00	8,660.09 F	37-11-00	9,546.66 F	41-05-00	10,432.90 F
31-00-00	7,794.63 F	34-06-00	8,681.19 F	38-00-00	9,567.76 F	41-06-00	10,453.99 F
31-01-00	7,815.73 F	34-07-00	8,702.30 F	38-01-00	9,588.87 F	41-07-00	10,475.08 F
31-02-00	7,836.84 F	34-08-00	8,723.41 F	38-02-00	9,609.98 F	41-08-00	10,496.17 F
31-03-00	7,857.95 F	34-09-00	8,744.52 F	38-03-00	9,631.09 F	41-09-00	10,517.26 F
31-04-00	7,879.06 F	34-10-00	8,765.63 F	38-04-00	9,652.20 F	41-10-00	10,538.35 F
31-05-00	7,900.17 F	34-11-00	8,786.74 F	38-05-00	9,673.31 F	41-11-00	10,559.44 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 **012-034** Tank Type **F** Roof Weight **1,047** API **35.00** Gravity Correction **.02**
 Strapped By: HMT 2/14/2011 Floating Height **3-07-00**

<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	10,580.53 F	45-06-00	11,466.33 F				
42-01-00	10,601.62 F	45-07-00	11,487.42 F				
42-02-00	10,622.71 F	45-08-00	11,508.51 F				
42-03-00	10,643.81 F	45-09-00	11,529.60 F				
42-04-00	10,664.90 F	45-10-00	11,550.69 F				
42-05-00	10,685.99 F	45-11-00	11,571.78 F				
42-06-00	10,707.08 F	46-00-00	11,592.87 F				
42-07-00	10,728.17 F	46-01-00	11,613.96 F				
42-08-00	10,749.26 F	46-02-00	11,635.05 F				
42-09-00	10,770.35 F	46-03-00	11,656.14 F				
42-10-00	10,791.44 F	46-04-00	11,677.23 F				
42-11-00	10,812.53 F	46-05-00	11,698.33 F				
43-00-00	10,833.62 F	46-06-00	11,719.42 F				
43-01-00	10,854.71 F	46-07-00	11,740.51 F				
43-02-00	10,875.80 F	46-08-00	11,761.60 F				
43-03-00	10,896.89 F	46-09-00	11,782.69 F				
43-04-00	10,917.98 F	46-10-00	11,803.78 F				
43-05-00	10,939.07 F	46-11-00	11,824.87 F				
43-06-00	10,960.16 F	47-00-00	11,845.96 F				
43-07-00	10,981.25 F	47-01-00	11,867.05 F				
43-08-00	11,002.34 F	47-02-00	11,888.14 F				
43-09-00	11,023.43 F	47-03-00	11,909.23 F				
43-10-00	11,044.52 F	47-04-00	11,930.32 F				
43-11-00	11,065.61 F	47-05-00	11,951.41 F				
44-00-00	11,086.70 F	47-06-00	11,972.50 F				
44-01-00	11,107.79 F	47-07-00	11,993.59 F				
44-02-00	11,128.88 F	47-08-00	12,014.68 F				
44-03-00	11,149.97 F	47-09-00	12,035.77 F				
44-04-00	11,171.07 F	47-10-00	12,056.86 F				
44-05-00	11,192.16 F	47-11-00	12,077.95 F				
44-06-00	11,213.25 F	48-00-00	12,099.04 F				
44-07-00	11,234.34 F	48-01-00	12,120.13 F				
44-08-00	11,255.43 F	48-02-00	12,141.22 F				
44-09-00	11,276.52 F						
44-10-00	11,297.61 F						
44-11-00	11,318.70 F						
45-00-00	11,339.79 F						
45-01-00	11,360.88 F						
45-02-00	11,381.97 F						
45-03-00	11,403.06 F						
45-04-00	11,424.15 F						
45-05-00	11,445.24 F						

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

BOLD DENOTES ROOF CRITICAL ZONE