

Tank Strapping Detail Report

Tank ID **012-018** Tank Type **F** Roof Weight **3,085** API **80.40** Gravity Correction **.06**  
 Strapped By: **HMT** 6/3/2010 Floating Height **4-01-00**

<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	5.41	3-06-00	838.19	7-00-00	1,708.18 F	10-06-00	2,591.97 F
0-01-00	11.81	3-07-00	859.23	7-01-00	1,729.21 F	10-07-00	2,613.02 F
0-02-00	21.05	3-08-00	880.27	7-02-00	1,750.23 F	10-08-00	2,634.07 F
0-03-00	33.10	3-09-00	901.31	7-03-00	1,771.26 F	10-09-00	2,655.12 F
0-04-00	47.78	3-10-00	922.33	7-04-00	1,792.29 F	10-10-00	2,676.17 F
0-05-00	64.34	3-11-00	943.36	7-05-00	1,813.32 F	10-11-00	2,697.22 F
0-06-00	82.20	4-00-00	964.39	7-06-00	1,834.35 F	11-00-00	2,718.27 F
0-07-00	101.93	<b>4-01-00</b>	985.42 F	7-07-00	1,855.37 F	11-01-00	2,739.32 F
0-08-00	122.96	<b>4-02-00</b>	1,005.39 F	7-08-00	1,876.40 F	11-02-00	2,760.37 F
0-09-00	144.00	<b>4-03-00</b>	1,024.58 F	7-09-00	1,897.43 F	11-03-00	2,781.42 F
0-10-00	165.03	<b>4-04-00</b>	1,043.33 F	7-10-00	1,918.46 F	11-04-00	2,802.47 F
0-11-00	186.06	<b>4-05-00</b>	1,061.82 F	7-11-00	1,939.49 F	11-05-00	2,823.52 F
1-00-00	207.09	<b>4-06-00</b>	1,080.13 F	8-00-00	1,960.51 F	11-06-00	2,844.57 F
1-01-00	228.11	<b>4-07-00</b>	1,098.37 F	8-01-00	1,981.54 F	11-07-00	2,865.62 F
1-02-00	249.13	4-08-00	1,119.39 F	8-02-00	2,002.57 F	11-08-00	2,886.67 F
1-03-00	270.14	4-09-00	1,140.42 F	8-03-00	2,023.60 F	11-09-00	2,907.72 F
1-04-00	291.16	4-10-00	1,161.45 F	8-04-00	2,044.65 F	11-10-00	2,928.77 F
1-05-00	312.18	4-11-00	1,182.48 F	8-05-00	2,065.71 F	11-11-00	2,949.82 F
1-06-00	333.21	5-00-00	1,203.51 F	8-06-00	2,086.76 F	12-00-00	2,970.87 F
1-07-00	354.23	5-01-00	1,224.53 F	8-07-00	2,107.81 F	12-01-00	2,991.92 F
1-08-00	375.26	5-02-00	1,245.56 F	8-08-00	2,128.86 F	12-02-00	3,012.97 F
1-09-00	396.29	5-03-00	1,266.59 F	8-09-00	2,149.91 F	12-03-00	3,034.02 F
1-10-00	417.34	5-04-00	1,287.62 F	8-10-00	2,170.96 F	12-04-00	3,055.07 F
1-11-00	438.38	5-05-00	1,308.65 F	8-11-00	2,192.01 F	12-05-00	3,076.12 F
2-00-00	459.42	5-06-00	1,329.67 F	9-00-00	2,213.06 F	12-06-00	3,097.17 F
2-01-00	480.46	5-07-00	1,350.70 F	9-01-00	2,234.11 F	12-07-00	3,118.23 F
2-02-00	501.51	5-08-00	1,371.73 F	9-02-00	2,255.16 F	12-08-00	3,139.28 F
2-03-00	522.55	5-09-00	1,392.76 F	9-03-00	2,276.21 F	12-09-00	3,160.33 F
2-04-00	543.59	5-10-00	1,413.79 F	9-04-00	2,297.26 F	12-10-00	3,181.38 F
2-05-00	564.63	5-11-00	1,434.81 F	9-05-00	2,318.31 F	12-11-00	3,202.43 F
2-06-00	585.68	6-00-00	1,455.84 F	9-06-00	2,339.36 F	13-00-00	3,223.48 F
2-07-00	606.72	6-01-00	1,476.87 F	9-07-00	2,360.41 F	13-01-00	3,244.53 F
2-08-00	627.76	6-02-00	1,497.90 F	9-08-00	2,381.46 F	13-02-00	3,265.58 F
2-09-00	648.80	6-03-00	1,518.93 F	9-09-00	2,402.51 F	13-03-00	3,286.63 F
2-10-00	669.85	6-04-00	1,539.95 F	9-10-00	2,423.56 F	13-04-00	3,307.68 F
2-11-00	690.89	6-05-00	1,560.98 F	9-11-00	2,444.61 F	13-05-00	3,328.73 F
3-00-00	711.93	6-06-00	1,582.01 F	10-00-00	2,465.66 F	13-06-00	3,349.78 F
3-01-00	732.97	6-07-00	1,603.04 F	10-01-00	2,486.71 F	13-07-00	3,370.83 F
3-02-00	754.02	6-08-00	1,624.07 F	10-02-00	2,507.76 F	13-08-00	3,391.88 F
3-03-00	775.06	6-09-00	1,645.09 F	10-03-00	2,528.81 F	13-09-00	3,412.93 F
3-04-00	796.10	6-10-00	1,666.12 F	10-04-00	2,549.86 F	13-10-00	3,433.98 F
3-05-00	817.14	6-11-00	1,687.15 F	10-05-00	2,570.91 F	13-11-00	3,455.03 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 **012-018** Tank Type **F** Roof Weight **3,085** API **80.40** Gravity Correction **.06**  
 Strapped By: **HMT** 6/3/2010 Floating Height **4-01-00**

<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	3,476.08 F	17-06-00	4,359.98 F	21-00-00	5,243.49 F	24-06-00	6,126.91 F
14-01-00	3,497.13 F	17-07-00	4,381.02 F	21-01-00	5,264.53 F	24-07-00	6,147.92 F
14-02-00	3,518.18 F	17-08-00	4,402.05 F	21-02-00	5,285.56 F	24-08-00	6,168.93 F
14-03-00	3,539.23 F	17-09-00	4,423.09 F	21-03-00	5,306.60 F	24-09-00	6,189.93 F
14-04-00	3,560.28 F	17-10-00	4,444.12 F	21-04-00	5,327.64 F	24-10-00	6,210.94 F
14-05-00	3,581.33 F	17-11-00	4,465.16 F	21-05-00	5,348.67 F	24-11-00	6,231.95 F
14-06-00	3,602.38 F	18-00-00	4,486.20 F	21-06-00	5,369.71 F	25-00-00	6,252.95 F
14-07-00	3,623.43 F	18-01-00	4,507.23 F	21-07-00	5,390.74 F	25-01-00	6,273.96 F
14-08-00	3,644.49 F	18-02-00	4,528.27 F	21-08-00	5,411.78 F	25-02-00	6,294.97 F
14-09-00	3,665.54 F	18-03-00	4,549.30 F	21-09-00	5,432.82 F	25-03-00	6,315.97 F
14-10-00	3,686.59 F	18-04-00	4,570.34 F	21-10-00	5,453.85 F	25-04-00	6,336.98 F
14-11-00	3,707.64 F	18-05-00	4,591.38 F	21-11-00	5,474.89 F	25-05-00	6,357.98 F
15-00-00	3,728.69 F	18-06-00	4,612.41 F	22-00-00	5,495.92 F	25-06-00	6,378.99 F
15-01-00	3,749.74 F	18-07-00	4,633.45 F	22-01-00	5,516.96 F	25-07-00	6,400.00 F
15-02-00	3,770.79 F	18-08-00	4,654.48 F	22-02-00	5,538.00 F	25-08-00	6,421.00 F
15-03-00	3,791.84 F	18-09-00	4,675.52 F	22-03-00	5,559.03 F	25-09-00	6,442.01 F
15-04-00	3,812.89 F	18-10-00	4,696.56 F	22-04-00	5,580.07 F	25-10-00	6,463.02 F
15-05-00	3,833.94 F	18-11-00	4,717.59 F	22-05-00	5,601.10 F	25-11-00	6,484.02 F
15-06-00	3,854.99 F	19-00-00	4,738.63 F	22-06-00	5,622.14 F	26-00-00	6,505.03 F
15-07-00	3,876.04 F	19-01-00	4,759.66 F	22-07-00	5,643.18 F	26-01-00	6,526.04 F
15-08-00	3,897.09 F	19-02-00	4,780.70 F	22-08-00	5,664.21 F	26-02-00	6,547.04 F
15-09-00	3,918.14 F	19-03-00	4,801.74 F	22-09-00	5,685.25 F	26-03-00	6,568.05 F
15-10-00	3,939.19 F	19-04-00	4,822.77 F	22-10-00	5,706.28 F	26-04-00	6,589.06 F
15-11-00	3,960.24 F	19-05-00	4,843.81 F	22-11-00	5,727.32 F	26-05-00	6,610.06 F
16-00-00	3,981.29 F	19-06-00	4,864.84 F	23-00-00	5,748.36 F	26-06-00	6,631.07 F
16-01-00	4,002.34 F	19-07-00	4,885.88 F	23-01-00	5,769.39 F	26-07-00	6,652.07 F
16-02-00	4,023.39 F	19-08-00	4,906.92 F	23-02-00	5,790.43 F	26-08-00	6,673.08 F
16-03-00	4,044.44 F	19-09-00	4,927.95 F	23-03-00	5,811.46 F	26-09-00	6,694.09 F
16-04-00	4,065.48 F	19-10-00	4,948.99 F	23-04-00	5,832.50 F	26-10-00	6,715.09 F
16-05-00	4,086.51 F	19-11-00	4,970.02 F	23-05-00	5,853.54 F	26-11-00	6,736.10 F
16-06-00	4,107.55 F	20-00-00	4,991.06 F	23-06-00	5,874.57 F	27-00-00	6,757.11 F
16-07-00	4,128.58 F	20-01-00	5,012.10 F	23-07-00	5,895.61 F	27-01-00	6,778.11 F
16-08-00	4,149.62 F	20-02-00	5,033.13 F	23-08-00	5,916.64 F	27-02-00	6,799.12 F
16-09-00	4,170.66 F	20-03-00	5,054.17 F	23-09-00	5,937.68 F	27-03-00	6,820.13 F
16-10-00	4,191.69 F	20-04-00	5,075.20 F	23-10-00	5,958.72 F	27-04-00	6,841.13 F
16-11-00	4,212.73 F	20-05-00	5,096.24 F	23-11-00	5,979.75 F	27-05-00	6,862.14 F
17-00-00	4,233.76 F	20-06-00	5,117.28 F	24-00-00	6,000.79 F	27-06-00	6,883.14 F
17-01-00	4,254.80 F	20-07-00	5,138.31 F	24-01-00	6,021.82 F	27-07-00	6,904.15 F
17-02-00	4,275.84 F	20-08-00	5,159.35 F	24-02-00	6,042.86 F	27-08-00	6,925.16 F
17-03-00	4,296.87 F	20-09-00	5,180.38 F	24-03-00	6,063.90 F	27-09-00	6,946.16 F
17-04-00	4,317.91 F	20-10-00	5,201.42 F	24-04-00	6,084.90 F	27-10-00	6,967.17 F
17-05-00	4,338.94 F	20-11-00	5,222.46 F	24-05-00	6,105.91 F	27-11-00	6,988.18 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 **012-018** Tank Type **F** Roof Weight **3,085** API **80.40** Gravity Correction **.06**  
 Strapped By: **HMT** 6/3/2010 Floating Height **4-01-00**

<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	7,009.18 F	31-06-00	7,891.45 F	35-00-00	8,771.54 F	38-06-00	9,650.98 F
28-01-00	7,030.19 F	31-07-00	7,912.46 F	35-01-00	8,792.48 F	38-07-00	9,671.92 F
28-02-00	7,051.20 F	31-08-00	7,933.46 F	35-02-00	8,813.42 F	38-08-00	9,692.86 F
28-03-00	7,072.20 F	31-09-00	7,954.47 F	35-03-00	8,834.35 F	38-09-00	9,713.80 F
28-04-00	7,093.21 F	31-10-00	7,975.48 F	35-04-00	8,855.29 F	38-10-00	9,734.74 F
28-05-00	7,114.22 F	31-11-00	7,996.48 F	35-05-00	8,876.23 F	38-11-00	9,755.68 F
28-06-00	7,135.22 F	32-00-00	8,017.49 F	35-06-00	8,897.17 F	39-00-00	9,776.62 F
28-07-00	7,156.23 F	32-01-00	8,038.50 F	35-07-00	8,918.11 F	39-01-00	9,797.56 F
28-08-00	7,177.23 F	32-02-00	8,059.50 F	35-08-00	8,939.05 F	39-02-00	9,818.50 F
28-09-00	7,198.24 F	32-03-00	8,080.51 F	35-09-00	8,959.99 F	39-03-00	9,839.44 F
28-10-00	7,219.25 F	32-04-00	8,101.48 F	35-10-00	8,980.93 F	39-04-00	9,860.38 F
28-11-00	7,240.25 F	32-05-00	8,122.42 F	35-11-00	9,001.87 F	39-05-00	9,881.31 F
29-00-00	7,261.26 F	32-06-00	8,143.36 F	36-00-00	9,022.81 F	39-06-00	9,902.25 F
29-01-00	7,282.27 F	32-07-00	8,164.30 F	36-01-00	9,043.75 F	39-07-00	9,923.19 F
29-02-00	7,303.27 F	32-08-00	8,185.24 F	36-02-00	9,064.69 F	39-08-00	9,944.13 F
29-03-00	7,324.28 F	32-09-00	8,206.18 F	36-03-00	9,085.62 F	39-09-00	9,965.07 F
29-04-00	7,345.29 F	32-10-00	8,227.12 F	36-04-00	9,106.56 F	39-10-00	9,986.01 F
29-05-00	7,366.29 F	32-11-00	8,248.06 F	36-05-00	9,127.50 F	39-11-00	10,006.95 F
29-06-00	7,387.30 F	33-00-00	8,269.00 F	36-06-00	9,148.44 F	40-00-00	10,027.89 F
29-07-00	7,408.30 F	33-01-00	8,289.94 F	36-07-00	9,169.38 F	40-01-00	10,048.83 F
29-08-00	7,429.31 F	33-02-00	8,310.87 F	36-08-00	9,190.32 F	40-02-00	10,069.77 F
29-09-00	7,450.32 F	33-03-00	8,331.81 F	36-09-00	9,211.26 F	40-03-00	10,090.71 F
29-10-00	7,471.32 F	33-04-00	8,352.75 F	36-10-00	9,232.20 F	40-04-00	10,111.66 F
29-11-00	7,492.33 F	33-05-00	8,373.69 F	36-11-00	9,253.14 F	40-05-00	10,132.64 F
30-00-00	7,513.34 F	33-06-00	8,394.63 F	37-00-00	9,274.08 F	40-06-00	10,153.62 F
30-01-00	7,534.34 F	33-07-00	8,415.57 F	37-01-00	9,295.02 F	40-07-00	10,174.60 F
30-02-00	7,555.35 F	33-08-00	8,436.51 F	37-02-00	9,315.96 F	40-08-00	10,195.58 F
30-03-00	7,576.36 F	33-09-00	8,457.45 F	37-03-00	9,336.90 F	40-09-00	10,216.56 F
30-04-00	7,597.36 F	33-10-00	8,478.39 F	37-04-00	9,357.83 F	40-10-00	10,237.54 F
30-05-00	7,618.37 F	33-11-00	8,499.33 F	37-05-00	9,378.77 F	40-11-00	10,258.52 F
30-06-00	7,639.38 F	34-00-00	8,520.27 F	37-06-00	9,399.71 F	41-00-00	10,279.50 F
30-07-00	7,660.38 F	34-01-00	8,541.21 F	37-07-00	9,420.65 F	41-01-00	10,300.48 F
30-08-00	7,681.39 F	34-02-00	8,562.14 F	37-08-00	9,441.59 F	41-02-00	10,321.46 F
30-09-00	7,702.39 F	34-03-00	8,583.08 F	37-09-00	9,462.53 F	41-03-00	10,342.44 F
30-10-00	7,723.40 F	34-04-00	8,604.02 F	37-10-00	9,483.47 F	41-04-00	10,363.43 F
30-11-00	7,744.41 F	34-05-00	8,624.96 F	37-11-00	9,504.41 F	41-05-00	10,384.41 F
31-00-00	7,765.41 F	34-06-00	8,645.90 F	38-00-00	9,525.35 F	41-06-00	10,405.39 F
31-01-00	7,786.42 F	34-07-00	8,666.84 F	38-01-00	9,546.29 F	41-07-00	10,426.37 F
31-02-00	7,807.43 F	34-08-00	8,687.78 F	38-02-00	9,567.23 F	41-08-00	10,447.35 F
31-03-00	7,828.43 F	34-09-00	8,708.72 F	38-03-00	9,588.17 F	41-09-00	10,468.33 F
31-04-00	7,849.44 F	34-10-00	8,729.66 F	38-04-00	9,609.10 F	41-10-00	10,489.31 F
31-05-00	7,870.45 F	34-11-00	8,750.60 F	38-05-00	9,630.04 F	41-11-00	10,510.29 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 **012-018** Tank Type **F** Roof Weight **3,085** API **80.40** Gravity Correction **.06**  
 Strapped By: HMT 6/3/2010 Floating Height **4-01-00**

<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	10,531.27 F	45-06-00	11,412.47 F				
42-01-00	10,552.25 F	45-07-00	11,433.45 F				
42-02-00	10,573.23 F	45-08-00	11,454.43 F				
42-03-00	10,594.21 F	45-09-00	11,475.41 F				
42-04-00	10,615.20 F	45-10-00	11,496.39 F				
42-05-00	10,636.18 F	45-11-00	11,517.37 F				
42-06-00	10,657.16 F	46-00-00	11,538.35 F				
42-07-00	10,678.14 F	46-01-00	11,559.33 F				
42-08-00	10,699.12 F	46-02-00	11,580.31 F				
42-09-00	10,720.10 F	46-03-00	11,601.29 F				
42-10-00	10,741.08 F	46-04-00	11,622.27 F				
42-11-00	10,762.06 F	46-05-00	11,643.25 F				
43-00-00	10,783.04 F	46-06-00	11,664.24 F				
43-01-00	10,804.02 F	46-07-00	11,685.22 F				
43-02-00	10,825.00 F	46-08-00	11,706.20 F				
43-03-00	10,845.98 F	46-09-00	11,727.18 F				
43-04-00	10,866.96 F	46-10-00	11,748.16 F				
43-05-00	10,887.95 F	46-11-00	11,769.14 F				
43-06-00	10,908.93 F	47-00-00	11,790.12 F				
43-07-00	10,929.91 F	47-01-00	11,811.10 F				
43-08-00	10,950.89 F	47-02-00	11,832.08 F				
43-09-00	10,971.87 F	47-03-00	11,853.06 F				
43-10-00	10,992.85 F	47-04-00	11,874.04 F				
43-11-00	11,013.83 F	47-05-00	11,895.02 F				
44-00-00	11,034.81 F	47-06-00	11,916.00 F				
44-01-00	11,055.79 F	47-07-00	11,936.99 F				
44-02-00	11,076.77 F	47-08-00	11,957.97 F				
44-03-00	11,097.75 F	47-09-00	11,978.95 F				
44-04-00	11,118.73 F	47-10-00	11,999.93 F				
44-05-00	11,139.72 F	47-11-00	12,020.91 F				
44-06-00	11,160.70 F	48-00-00	12,041.89 F				
44-07-00	11,181.68 F	48-01-00	12,062.87 F				
44-08-00	11,202.66 F	48-02-00	12,083.85 F				
44-09-00	11,223.64 F	48-03-00	12,104.83 F				
44-10-00	11,244.62 F	48-04-00	12,125.81 F				
44-11-00	11,265.60 F	48-05-00	12,146.79 F				
45-00-00	11,286.58 F	48-06-00	12,167.77 F				
45-01-00	11,307.56 F						
45-02-00	11,328.54 F						
45-03-00	11,349.52 F						
45-04-00	11,370.50 F						
45-05-00	11,391.48 F						

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

**BOLD DENOTES ROOF CRITICAL ZONE**