

Tank ID **012-049** Tank Type **F** Roof Weight **3,848** API **35.00** Gravity Correction **.08**
 Strapped By: **HMT** 1/17/2011 Floating Height **3-04-00**

<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	55.49	3-06-00	934.71 F	7-00-00	1,808.65 F	10-06-00	2,692.58 F
0-01-00	75.93	3-07-00	952.89 F	7-01-00	1,829.67 F	10-07-00	2,713.63 F
0-02-00	96.96	3-08-00	970.77 F	7-02-00	1,850.70 F	10-08-00	2,734.68 F
0-03-00	117.99	3-09-00	988.52 F	7-03-00	1,871.73 F	10-09-00	2,755.73 F
0-04-00	139.02	3-10-00	1,009.55 F	7-04-00	1,892.76 F	10-10-00	2,776.77 F
0-05-00	160.04	3-11-00	1,030.58 F	7-05-00	1,913.81 F	10-11-00	2,797.82 F
0-06-00	181.07	4-00-00	1,051.61 F	7-06-00	1,934.85 F	11-00-00	2,818.87 F
0-07-00	202.10	4-01-00	1,072.64 F	7-07-00	1,955.90 F	11-01-00	2,839.92 F
0-08-00	223.13	4-02-00	1,093.67 F	7-08-00	1,976.95 F	11-02-00	2,860.97 F
0-09-00	244.15	4-03-00	1,114.69 F	7-09-00	1,998.00 F	11-03-00	2,882.01 F
0-10-00	265.17	4-04-00	1,135.72 F	7-10-00	2,019.05 F	11-04-00	2,903.06 F
0-11-00	286.20	4-05-00	1,156.75 F	7-11-00	2,040.09 F	11-05-00	2,924.11 F
1-00-00	307.22	4-06-00	1,177.78 F	8-00-00	2,061.14 F	11-06-00	2,945.16 F
1-01-00	328.26	4-07-00	1,198.81 F	8-01-00	2,082.19 F	11-07-00	2,966.21 F
1-02-00	349.30	4-08-00	1,219.84 F	8-02-00	2,103.24 F	11-08-00	2,987.25 F
1-03-00	370.33	4-09-00	1,240.87 F	8-03-00	2,124.29 F	11-09-00	3,008.30 F
1-04-00	391.37	4-10-00	1,261.90 F	8-04-00	2,145.33 F	11-10-00	3,029.35 F
1-05-00	412.41	4-11-00	1,282.93 F	8-05-00	2,166.38 F	11-11-00	3,050.40 F
1-06-00	433.45	5-00-00	1,303.95 F	8-06-00	2,187.43 F	12-00-00	3,071.45 F
1-07-00	454.50	5-01-00	1,324.98 F	8-07-00	2,208.48 F	12-01-00	3,092.49 F
1-08-00	475.54	5-02-00	1,346.01 F	8-08-00	2,229.53 F	12-02-00	3,113.54 F
1-09-00	496.58	5-03-00	1,367.04 F	8-09-00	2,250.57 F	12-03-00	3,134.59 F
1-10-00	517.62	5-04-00	1,388.07 F	8-10-00	2,271.62 F	12-04-00	3,155.64 F
1-11-00	538.67	5-05-00	1,409.10 F	8-11-00	2,292.67 F	12-05-00	3,176.69 F
2-00-00	559.71	5-06-00	1,430.13 F	9-00-00	2,313.72 F	12-06-00	3,197.73 F
2-01-00	580.75	5-07-00	1,451.16 F	9-01-00	2,334.77 F	12-07-00	3,218.78 F
2-02-00	601.79	5-08-00	1,472.18 F	9-02-00	2,355.81 F	12-08-00	3,239.83 F
2-03-00	622.83	5-09-00	1,493.21 F	9-03-00	2,376.86 F	12-09-00	3,260.88 F
2-04-00	643.88	5-10-00	1,514.24 F	9-04-00	2,397.91 F	12-10-00	3,281.93 F
2-05-00	664.92	5-11-00	1,535.27 F	9-05-00	2,418.96 F	12-11-00	3,302.97 F
2-06-00	685.96	6-00-00	1,556.30 F	9-06-00	2,440.01 F	13-00-00	3,324.02 F
2-07-00	707.00	6-01-00	1,577.33 F	9-07-00	2,461.05 F	13-01-00	3,345.07 F
2-08-00	728.05	6-02-00	1,598.36 F	9-08-00	2,482.10 F	13-02-00	3,366.12 F
2-09-00	749.09	6-03-00	1,619.39 F	9-09-00	2,503.15 F	13-03-00	3,387.17 F
2-10-00	770.13	6-04-00	1,640.41 F	9-10-00	2,524.20 F	13-04-00	3,408.21 F
2-11-00	791.17	6-05-00	1,661.44 F	9-11-00	2,545.25 F	13-05-00	3,429.26 F
3-00-00	812.21	6-06-00	1,682.47 F	10-00-00	2,566.29 F	13-06-00	3,450.31 F
3-01-00	833.24	6-07-00	1,703.50 F	10-01-00	2,587.34 F	13-07-00	3,471.36 F
3-02-00	854.27	6-08-00	1,724.53 F	10-02-00	2,608.39 F	13-08-00	3,492.41 F
3-03-00	875.30	6-09-00	1,745.56 F	10-03-00	2,629.44 F	13-09-00	3,513.45 F
3-04-00	896.33 F	6-10-00	1,766.59 F	10-04-00	2,650.49 F	13-10-00	3,534.50 F
3-05-00	916.01 F	6-11-00	1,787.62 F	10-05-00	2,671.53 F	13-11-00	3,555.55 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 **012-049** Tank Type **F** Roof Weight **3,848** API **35.00** Gravity Correction **.08**
 Strapped By: HMT 1/17/2011 Floating Height **3-04-00**

<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	3,576.60 F	17-06-00	4,461.18 F	21-00-00	5,346.11 F	24-06-00	6,231.35 F
14-01-00	3,597.65 F	17-07-00	4,482.25 F	21-01-00	5,367.18 F	24-07-00	6,252.44 F
14-02-00	3,618.69 F	17-08-00	4,503.32 F	21-02-00	5,388.25 F	24-08-00	6,273.53 F
14-03-00	3,639.74 F	17-09-00	4,524.39 F	21-03-00	5,409.32 F	24-09-00	6,294.62 F
14-04-00	3,660.79 F	17-10-00	4,545.46 F	21-04-00	5,430.39 F	24-10-00	6,315.72 F
14-05-00	3,681.84 F	17-11-00	4,566.53 F	21-05-00	5,451.45 F	24-11-00	6,336.81 F
14-06-00	3,702.89 F	18-00-00	4,587.60 F	21-06-00	5,472.52 F	25-00-00	6,357.90 F
14-07-00	3,723.93 F	18-01-00	4,608.67 F	21-07-00	5,493.59 F	25-01-00	6,378.99 F
14-08-00	3,744.98 F	18-02-00	4,629.74 F	21-08-00	5,514.66 F	25-02-00	6,400.08 F
14-09-00	3,766.03 F	18-03-00	4,650.81 F	21-09-00	5,535.73 F	25-03-00	6,421.17 F
14-10-00	3,787.08 F	18-04-00	4,671.88 F	21-10-00	5,556.80 F	25-04-00	6,442.26 F
14-11-00	3,808.13 F	18-05-00	4,692.95 F	21-11-00	5,577.87 F	25-05-00	6,463.35 F
15-00-00	3,829.17 F	18-06-00	4,714.02 F	22-00-00	5,598.94 F	25-06-00	6,484.45 F
15-01-00	3,850.22 F	18-07-00	4,735.09 F	22-01-00	5,620.01 F	25-07-00	6,505.54 F
15-02-00	3,871.27 F	18-08-00	4,756.16 F	22-02-00	5,641.08 F	25-08-00	6,526.63 F
15-03-00	3,892.32 F	18-09-00	4,777.23 F	22-03-00	5,662.15 F	25-09-00	6,547.72 F
15-04-00	3,913.37 F	18-10-00	4,798.30 F	22-04-00	5,683.22 F	25-10-00	6,568.81 F
15-05-00	3,934.44 F	18-11-00	4,819.37 F	22-05-00	5,704.29 F	25-11-00	6,589.90 F
15-06-00	3,955.51 F	19-00-00	4,840.44 F	22-06-00	5,725.36 F	26-00-00	6,610.99 F
15-07-00	3,976.58 F	19-01-00	4,861.51 F	22-07-00	5,746.43 F	26-01-00	6,632.08 F
15-08-00	3,997.65 F	19-02-00	4,882.58 F	22-08-00	5,767.50 F	26-02-00	6,653.18 F
15-09-00	4,018.72 F	19-03-00	4,903.65 F	22-09-00	5,788.57 F	26-03-00	6,674.27 F
15-10-00	4,039.79 F	19-04-00	4,924.71 F	22-10-00	5,809.64 F	26-04-00	6,695.36 F
15-11-00	4,060.86 F	19-05-00	4,945.78 F	22-11-00	5,830.71 F	26-05-00	6,716.45 F
16-00-00	4,081.93 F	19-06-00	4,966.85 F	23-00-00	5,851.78 F	26-06-00	6,737.54 F
16-01-00	4,103.00 F	19-07-00	4,987.92 F	23-01-00	5,872.85 F	26-07-00	6,758.63 F
16-02-00	4,124.07 F	19-08-00	5,008.99 F	23-02-00	5,893.92 F	26-08-00	6,779.72 F
16-03-00	4,145.14 F	19-09-00	5,030.06 F	23-03-00	5,914.99 F	26-09-00	6,800.81 F
16-04-00	4,166.21 F	19-10-00	5,051.13 F	23-04-00	5,936.07 F	26-10-00	6,821.90 F
16-05-00	4,187.28 F	19-11-00	5,072.20 F	23-05-00	5,957.17 F	26-11-00	6,843.00 F
16-06-00	4,208.35 F	20-00-00	5,093.27 F	23-06-00	5,978.26 F	27-00-00	6,864.09 F
16-07-00	4,229.42 F	20-01-00	5,114.34 F	23-07-00	5,999.35 F	27-01-00	6,885.18 F
16-08-00	4,250.49 F	20-02-00	5,135.41 F	23-08-00	6,020.44 F	27-02-00	6,906.27 F
16-09-00	4,271.56 F	20-03-00	5,156.48 F	23-09-00	6,041.53 F	27-03-00	6,927.36 F
16-10-00	4,292.63 F	20-04-00	5,177.55 F	23-10-00	6,062.62 F	27-04-00	6,948.45 F
16-11-00	4,313.70 F	20-05-00	5,198.62 F	23-11-00	6,083.71 F	27-05-00	6,969.54 F
17-00-00	4,334.77 F	20-06-00	5,219.69 F	24-00-00	6,104.80 F	27-06-00	6,990.63 F
17-01-00	4,355.84 F	20-07-00	5,240.76 F	24-01-00	6,125.90 F	27-07-00	7,011.73 F
17-02-00	4,376.91 F	20-08-00	5,261.83 F	24-02-00	6,146.99 F	27-08-00	7,032.82 F
17-03-00	4,397.97 F	20-09-00	5,282.90 F	24-03-00	6,168.08 F	27-09-00	7,053.91 F
17-04-00	4,419.04 F	20-10-00	5,303.97 F	24-04-00	6,189.17 F	27-10-00	7,075.00 F
17-05-00	4,440.11 F	20-11-00	5,325.04 F	24-05-00	6,210.26 F	27-11-00	7,096.09 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 **012-049** Tank Type **F** Roof Weight **3,848** API **35.00** Gravity Correction **.08**
 Strapped By: **HMT** 1/17/2011 Floating Height **3-04-00**

<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	7,117.18 F	31-06-00	8,002.90 F	35-00-00	8,887.32 F	38-06-00	9,771.74 F
28-01-00	7,138.27 F	31-07-00	8,023.96 F	35-01-00	8,908.38 F	38-07-00	9,792.79 F
28-02-00	7,159.36 F	31-08-00	8,045.01 F	35-02-00	8,929.43 F	38-08-00	9,813.85 F
28-03-00	7,180.46 F	31-09-00	8,066.07 F	35-03-00	8,950.49 F	38-09-00	9,834.91 F
28-04-00	7,201.55 F	31-10-00	8,087.13 F	35-04-00	8,971.55 F	38-10-00	9,855.97 F
28-05-00	7,222.64 F	31-11-00	8,108.19 F	35-05-00	8,992.61 F	38-11-00	9,877.03 F
28-06-00	7,243.73 F	32-00-00	8,129.24 F	35-06-00	9,013.66 F	39-00-00	9,898.08 F
28-07-00	7,264.82 F	32-01-00	8,150.30 F	35-07-00	9,034.72 F	39-01-00	9,919.14 F
28-08-00	7,285.91 F	32-02-00	8,171.36 F	35-08-00	9,055.78 F	39-02-00	9,940.20 F
28-09-00	7,307.00 F	32-03-00	8,192.42 F	35-09-00	9,076.84 F	39-03-00	9,961.25 F
28-10-00	7,328.09 F	32-04-00	8,213.47 F	35-10-00	9,097.89 F	39-04-00	9,982.31 F
28-11-00	7,349.18 F	32-05-00	8,234.53 F	35-11-00	9,118.95 F	39-05-00	10,003.36 F
29-00-00	7,370.28 F	32-06-00	8,255.59 F	36-00-00	9,140.01 F	39-06-00	10,024.42 F
29-01-00	7,391.37 F	32-07-00	8,276.65 F	36-01-00	9,161.07 F	39-07-00	10,045.47 F
29-02-00	7,412.46 F	32-08-00	8,297.71 F	36-02-00	9,182.12 F	39-08-00	10,066.53 F
29-03-00	7,433.55 F	32-09-00	8,318.76 F	36-03-00	9,203.18 F	39-09-00	10,087.58 F
29-04-00	7,454.64 F	32-10-00	8,339.82 F	36-04-00	9,224.24 F	39-10-00	10,108.64 F
29-05-00	7,475.73 F	32-11-00	8,360.88 F	36-05-00	9,245.30 F	39-11-00	10,129.70 F
29-06-00	7,496.82 F	33-00-00	8,381.94 F	36-06-00	9,266.35 F	40-00-00	10,150.75 F
29-07-00	7,517.91 F	33-01-00	8,402.99 F	36-07-00	9,287.41 F	40-01-00	10,171.81 F
29-08-00	7,539.01 F	33-02-00	8,424.05 F	36-08-00	9,308.47 F	40-02-00	10,192.86 F
29-09-00	7,560.10 F	33-03-00	8,445.11 F	36-09-00	9,329.53 F	40-03-00	10,213.92 F
29-10-00	7,581.19 F	33-04-00	8,466.17 F	36-10-00	9,350.59 F	40-04-00	10,234.97 F
29-11-00	7,602.28 F	33-05-00	8,487.22 F	36-11-00	9,371.64 F	40-05-00	10,256.03 F
30-00-00	7,623.37 F	33-06-00	8,508.28 F	37-00-00	9,392.70 F	40-06-00	10,277.08 F
30-01-00	7,644.46 F	33-07-00	8,529.34 F	37-01-00	9,413.76 F	40-07-00	10,298.14 F
30-02-00	7,665.55 F	33-08-00	8,550.40 F	37-02-00	9,434.82 F	40-08-00	10,319.19 F
30-03-00	7,686.64 F	33-09-00	8,571.45 F	37-03-00	9,455.87 F	40-09-00	10,340.25 F
30-04-00	7,707.74 F	33-10-00	8,592.51 F	37-04-00	9,476.93 F	40-10-00	10,361.30 F
30-05-00	7,728.83 F	33-11-00	8,613.57 F	37-05-00	9,497.99 F	40-11-00	10,382.36 F
30-06-00	7,749.92 F	34-00-00	8,634.63 F	37-06-00	9,519.05 F	41-00-00	10,403.41 F
30-07-00	7,771.01 F	34-01-00	8,655.68 F	37-07-00	9,540.10 F	41-01-00	10,424.47 F
30-08-00	7,792.10 F	34-02-00	8,676.74 F	37-08-00	9,561.16 F	41-02-00	10,445.52 F
30-09-00	7,813.19 F	34-03-00	8,697.80 F	37-09-00	9,582.22 F	41-03-00	10,466.58 F
30-10-00	7,834.28 F	34-04-00	8,718.86 F	37-10-00	9,603.28 F	41-04-00	10,487.63 F
30-11-00	7,855.37 F	34-05-00	8,739.91 F	37-11-00	9,624.33 F	41-05-00	10,508.69 F
31-00-00	7,876.46 F	34-06-00	8,760.97 F	38-00-00	9,645.39 F	41-06-00	10,529.74 F
31-01-00	7,897.56 F	34-07-00	8,782.03 F	38-01-00	9,666.45 F	41-07-00	10,550.80 F
31-02-00	7,918.65 F	34-08-00	8,803.09 F	38-02-00	9,687.51 F	41-08-00	10,571.85 F
31-03-00	7,939.73 F	34-09-00	8,824.15 F	38-03-00	9,708.56 F	41-09-00	10,592.91 F
31-04-00	7,960.78 F	34-10-00	8,845.20 F	38-04-00	9,729.62 F	41-10-00	10,613.96 F
31-05-00	7,981.84 F	34-11-00	8,866.26 F	38-05-00	9,750.68 F	41-11-00	10,635.02 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 **012-049** Tank Type **F** Roof Weight **3,848** API **35.00** Gravity Correction **.08**
 Strapped By: HMT 1/17/2011 Floating Height **3-04-00**

<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	10,656.08 F	45-06-00	11,540.39 F				
42-01-00	10,677.13 F	45-07-00	11,561.45 F				
42-02-00	10,698.19 F	45-08-00	11,582.50 F				
42-03-00	10,719.24 F	45-09-00	11,603.56 F				
42-04-00	10,740.30 F	45-10-00	11,624.61 F				
42-05-00	10,761.35 F	45-11-00	11,645.67 F				
42-06-00	10,782.41 F	46-00-00	11,666.72 F				
42-07-00	10,803.46 F	46-01-00	11,687.78 F				
42-08-00	10,824.52 F	46-02-00	11,708.84 F				
42-09-00	10,845.57 F	46-03-00	11,729.89 F				
42-10-00	10,866.63 F	46-04-00	11,750.95 F				
42-11-00	10,887.68 F	46-05-00	11,772.00 F				
43-00-00	10,908.74 F	46-06-00	11,793.06 F				
43-01-00	10,929.79 F	46-07-00	11,814.11 F				
43-02-00	10,950.85 F	46-08-00	11,835.17 F				
43-03-00	10,971.90 F	46-09-00	11,856.22 F				
43-04-00	10,992.96 F	46-10-00	11,877.28 F				
43-05-00	11,014.01 F	46-11-00	11,898.33 F				
43-06-00	11,035.07 F	47-00-00	11,919.39 F				
43-07-00	11,056.12 F	47-01-00	11,940.44 F				
43-08-00	11,077.18 F	47-02-00	11,961.50 F				
43-09-00	11,098.23 F	47-03-00	11,982.55 F				
43-10-00	11,119.29 F	47-04-00	12,003.61 F				
43-11-00	11,140.34 F	47-05-00	12,024.66 F				
44-00-00	11,161.40 F	47-06-00	12,045.72 F				
44-01-00	11,182.46 F						
44-02-00	11,203.51 F						
44-03-00	11,224.57 F						
44-04-00	11,245.62 F						
44-05-00	11,266.68 F						
44-06-00	11,287.73 F						
44-07-00	11,308.79 F						
44-08-00	11,329.84 F						
44-09-00	11,350.90 F						
44-10-00	11,371.95 F						
44-11-00	11,393.01 F						
45-00-00	11,414.06 F						
45-01-00	11,435.12 F						
45-02-00	11,456.17 F						
45-03-00	11,477.23 F						
45-04-00	11,498.28 F						
45-05-00	11,519.34 F						

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

BOLD DENOTES ROOF CRITICAL ZONE