

Tank Strapping Detail Report

Tank ID **012-022** Tank Type **F** Roof Weight **1,700** API **35.00** Gravity Correction **.03**  
 Strapped By: hmt 7/25/2008 Floating Height **3-08-00**

<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	10.86	3-06-00	861.52	7-00-00	1,740.13 F	10-06-00	2,624.89 F
0-01-00	23.55	3-07-00	882.59	7-01-00	1,761.18 F	10-07-00	2,645.96 F
0-02-00	38.16	<b>3-08-00</b>	903.64 F	7-02-00	1,782.24 F	10-08-00	2,667.03 F
0-03-00	53.01	<b>3-09-00</b>	924.25 F	7-03-00	1,803.29 F	10-09-00	2,688.10 F
0-04-00	69.68	<b>3-10-00</b>	944.38 F	7-04-00	1,824.35 F	10-10-00	2,709.17 F
0-05-00	86.25	<b>3-11-00</b>	964.24 F	7-05-00	1,845.40 F	10-11-00	2,730.24 F
0-06-00	104.90	<b>4-00-00</b>	983.94 F	7-06-00	1,866.46 F	11-00-00	2,751.31 F
0-07-00	124.16	<b>4-01-00</b>	1,003.56 F	7-07-00	1,887.51 F	11-01-00	2,772.38 F
0-08-00	145.22	<b>4-02-00</b>	1,024.25 F	7-08-00	1,908.57 F	11-02-00	2,793.45 F
0-09-00	166.27	4-03-00	1,045.31 F	7-09-00	1,929.63 F	11-03-00	2,814.52 F
0-10-00	187.33	4-04-00	1,066.36 F	7-10-00	1,950.68 F	11-04-00	2,835.59 F
0-11-00	208.39	4-05-00	1,087.42 F	7-11-00	1,971.74 F	11-05-00	2,856.66 F
1-00-00	229.46	4-06-00	1,108.47 F	8-00-00	1,992.79 F	11-06-00	2,877.73 F
1-01-00	250.53	4-07-00	1,129.53 F	8-01-00	2,013.85 F	11-07-00	2,898.80 F
1-02-00	271.60	4-08-00	1,150.58 F	8-02-00	2,034.92 F	11-08-00	2,919.87 F
1-03-00	292.68	4-09-00	1,171.64 F	8-03-00	2,055.99 F	11-09-00	2,940.94 F
1-04-00	313.74	4-10-00	1,192.69 F	8-04-00	2,077.06 F	11-10-00	2,962.01 F
1-05-00	334.80	4-11-00	1,213.75 F	8-05-00	2,098.13 F	11-11-00	2,983.08 F
1-06-00	355.86	5-00-00	1,234.80 F	8-06-00	2,119.20 F	12-00-00	3,004.15 F
1-07-00	376.91	5-01-00	1,255.86 F	8-07-00	2,140.27 F	12-01-00	3,025.23 F
1-08-00	397.98	5-02-00	1,276.91 F	8-08-00	2,161.34 F	12-02-00	3,046.30 F
1-09-00	419.05	5-03-00	1,297.97 F	8-09-00	2,182.41 F	12-03-00	3,067.37 F
1-10-00	440.12	5-04-00	1,319.02 F	8-10-00	2,203.48 F	12-04-00	3,088.44 F
1-11-00	461.19	5-05-00	1,340.08 F	8-11-00	2,224.55 F	12-05-00	3,109.51 F
2-00-00	482.26	5-06-00	1,361.13 F	9-00-00	2,245.62 F	12-06-00	3,130.58 F
2-01-00	503.33	5-07-00	1,382.19 F	9-01-00	2,266.69 F	12-07-00	3,151.65 F
2-02-00	524.40	5-08-00	1,403.25 F	9-02-00	2,287.76 F	12-08-00	3,172.72 F
2-03-00	545.47	5-09-00	1,424.30 F	9-03-00	2,308.83 F	12-09-00	3,193.79 F
2-04-00	566.54	5-10-00	1,445.36 F	9-04-00	2,329.90 F	12-10-00	3,214.86 F
2-05-00	587.61	5-11-00	1,466.41 F	9-05-00	2,350.97 F	12-11-00	3,235.93 F
2-06-00	608.68	6-00-00	1,487.47 F	9-06-00	2,372.04 F	13-00-00	3,257.00 F
2-07-00	629.75	6-01-00	1,508.52 F	9-07-00	2,393.11 F	13-01-00	3,278.07 F
2-08-00	650.82	6-02-00	1,529.58 F	9-08-00	2,414.18 F	13-02-00	3,299.14 F
2-09-00	671.89	6-03-00	1,550.63 F	9-09-00	2,435.25 F	13-03-00	3,320.21 F
2-10-00	692.96	6-04-00	1,571.69 F	9-10-00	2,456.32 F	13-04-00	3,341.28 F
2-11-00	714.03	6-05-00	1,592.74 F	9-11-00	2,477.39 F	13-05-00	3,362.35 F
3-00-00	735.10	6-06-00	1,613.80 F	10-00-00	2,498.47 F	13-06-00	3,383.42 F
3-01-00	756.17	6-07-00	1,634.85 F	10-01-00	2,519.54 F	13-07-00	3,404.49 F
3-02-00	777.24	6-08-00	1,655.91 F	10-02-00	2,540.61 F	13-08-00	3,425.56 F
3-03-00	798.31	6-09-00	1,676.96 F	10-03-00	2,561.68 F	13-09-00	3,446.63 F
3-04-00	819.38	6-10-00	1,698.02 F	10-04-00	2,582.75 F	13-10-00	3,467.70 F
3-05-00	840.45	6-11-00	1,719.07 F	10-05-00	2,603.82 F	13-11-00	3,488.77 F

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

**BOLD DENOTES ROOF CRITICAL ZONE**

Tank ID **012-022** Tank Type **F** Roof Weight **1,700** API **35.00** Gravity Correction **.03**  
 Strapped By: hmt 7/25/2008 Floating Height **3-08-00**

<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	3,509.84 F	17-06-00	4,395.52 F	21-00-00	5,282.26 F	24-06-00	6,169.04 F
14-01-00	3,530.91 F	17-07-00	4,416.63 F	21-01-00	5,303.37 F	24-07-00	6,190.16 F
14-02-00	3,551.99 F	17-08-00	4,437.75 F	21-02-00	5,324.49 F	24-08-00	6,211.28 F
14-03-00	3,573.06 F	17-09-00	4,458.86 F	21-03-00	5,345.60 F	24-09-00	6,232.40 F
14-04-00	3,594.13 F	17-10-00	4,479.97 F	21-04-00	5,366.71 F	24-10-00	6,253.52 F
14-05-00	3,615.20 F	17-11-00	4,501.09 F	21-05-00	5,387.82 F	24-11-00	6,274.64 F
14-06-00	3,636.27 F	18-00-00	4,522.20 F	21-06-00	5,408.94 F	25-00-00	6,295.76 F
14-07-00	3,657.34 F	18-01-00	4,543.31 F	21-07-00	5,430.05 F	25-01-00	6,316.88 F
14-08-00	3,678.41 F	18-02-00	4,564.42 F	21-08-00	5,451.16 F	25-02-00	6,338.00 F
14-09-00	3,699.48 F	18-03-00	4,585.54 F	21-09-00	5,472.27 F	25-03-00	6,359.12 F
14-10-00	3,720.55 F	18-04-00	4,606.65 F	21-10-00	5,493.39 F	25-04-00	6,380.25 F
14-11-00	3,741.62 F	18-05-00	4,627.76 F	21-11-00	5,514.50 F	25-05-00	6,401.37 F
15-00-00	3,762.69 F	18-06-00	4,648.88 F	22-00-00	5,535.61 F	25-06-00	6,422.49 F
15-01-00	3,783.76 F	18-07-00	4,669.99 F	22-01-00	5,556.73 F	25-07-00	6,443.61 F
15-02-00	3,804.83 F	18-08-00	4,691.10 F	22-02-00	5,577.84 F	25-08-00	6,464.73 F
15-03-00	3,825.90 F	18-09-00	4,712.21 F	22-03-00	5,598.95 F	25-09-00	6,485.85 F
15-04-00	3,846.97 F	18-10-00	4,733.33 F	22-04-00	5,620.06 F	25-10-00	6,506.97 F
15-05-00	3,868.04 F	18-11-00	4,754.44 F	22-05-00	5,641.18 F	25-11-00	6,528.09 F
15-06-00	3,889.11 F	19-00-00	4,775.55 F	22-06-00	5,662.29 F	26-00-00	6,549.21 F
15-07-00	3,910.18 F	19-01-00	4,796.67 F	22-07-00	5,683.40 F	26-01-00	6,570.33 F
15-08-00	3,931.25 F	19-02-00	4,817.78 F	22-08-00	5,704.52 F	26-02-00	6,591.45 F
15-09-00	3,952.32 F	19-03-00	4,838.89 F	22-09-00	5,725.63 F	26-03-00	6,612.57 F
15-10-00	3,973.39 F	19-04-00	4,860.00 F	22-10-00	5,746.74 F	26-04-00	6,633.69 F
15-11-00	3,994.46 F	19-05-00	4,881.12 F	22-11-00	5,767.85 F	26-05-00	6,654.82 F
16-00-00	4,015.53 F	19-06-00	4,902.23 F	23-00-00	5,788.97 F	26-06-00	6,675.94 F
16-01-00	4,036.60 F	19-07-00	4,923.34 F	23-01-00	5,810.08 F	26-07-00	6,697.06 F
16-02-00	4,057.72 F	19-08-00	4,944.45 F	23-02-00	5,831.19 F	26-08-00	6,718.18 F
16-03-00	4,078.83 F	19-09-00	4,965.57 F	23-03-00	5,852.31 F	26-09-00	6,739.30 F
16-04-00	4,099.94 F	19-10-00	4,986.68 F	23-04-00	5,873.42 F	26-10-00	6,760.42 F
16-05-00	4,121.06 F	19-11-00	5,007.79 F	23-05-00	5,894.53 F	26-11-00	6,781.54 F
16-06-00	4,142.17 F	20-00-00	5,028.91 F	23-06-00	5,915.64 F	27-00-00	6,802.66 F
16-07-00	4,163.28 F	20-01-00	5,050.02 F	23-07-00	5,936.76 F	27-01-00	6,823.78 F
16-08-00	4,184.39 F	20-02-00	5,071.13 F	23-08-00	5,957.87 F	27-02-00	6,844.90 F
16-09-00	4,205.51 F	20-03-00	5,092.24 F	23-09-00	5,978.98 F	27-03-00	6,866.02 F
16-10-00	4,226.62 F	20-04-00	5,113.36 F	23-10-00	6,000.09 F	27-04-00	6,887.14 F
16-11-00	4,247.73 F	20-05-00	5,134.47 F	23-11-00	6,021.21 F	27-05-00	6,908.27 F
17-00-00	4,268.85 F	20-06-00	5,155.58 F	24-00-00	6,042.32 F	27-06-00	6,929.39 F
17-01-00	4,289.96 F	20-07-00	5,176.70 F	24-01-00	6,063.43 F	27-07-00	6,950.51 F
17-02-00	4,311.07 F	20-08-00	5,197.81 F	24-02-00	6,084.55 F	27-08-00	6,971.63 F
17-03-00	4,332.18 F	20-09-00	5,218.92 F	24-03-00	6,105.67 F	27-09-00	6,992.75 F
17-04-00	4,353.30 F	20-10-00	5,240.03 F	24-04-00	6,126.80 F	27-10-00	7,013.87 F
17-05-00	4,374.41 F	20-11-00	5,261.15 F	24-05-00	6,147.92 F	27-11-00	7,034.99 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 **012-022** Tank Type **F** Roof Weight **1,700** API **35.00** Gravity Correction **.03**  
 Strapped By: hmt 7/25/2008 Floating Height **3-08-00**

<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	7,056.11 F	31-06-00	7,943.18 F	35-00-00	8,831.07 F	38-06-00	9,719.12 F
28-01-00	7,077.23 F	31-07-00	7,964.31 F	35-01-00	8,852.21 F	38-07-00	9,740.26 F
28-02-00	7,098.35 F	31-08-00	7,985.43 F	35-02-00	8,873.36 F	38-08-00	9,761.41 F
28-03-00	7,119.47 F	31-09-00	8,006.55 F	35-03-00	8,894.50 F	38-09-00	9,782.55 F
28-04-00	7,140.59 F	31-10-00	8,027.67 F	35-04-00	8,915.65 F	38-10-00	9,803.69 F
28-05-00	7,161.71 F	31-11-00	8,048.79 F	35-05-00	8,936.79 F	38-11-00	9,824.84 F
28-06-00	7,182.84 F	32-00-00	8,069.91 F	35-06-00	8,957.93 F	39-00-00	9,845.98 F
28-07-00	7,203.96 F	32-01-00	8,091.03 F	35-07-00	8,979.08 F	39-01-00	9,867.13 F
28-08-00	7,225.08 F	32-02-00	8,112.17 F	35-08-00	9,000.22 F	39-02-00	9,888.27 F
28-09-00	7,246.20 F	32-03-00	8,133.32 F	35-09-00	9,021.37 F	39-03-00	9,909.41 F
28-10-00	7,267.32 F	32-04-00	8,154.46 F	35-10-00	9,042.51 F	39-04-00	9,930.56 F
28-11-00	7,288.44 F	32-05-00	8,175.61 F	35-11-00	9,063.65 F	39-05-00	9,951.70 F
29-00-00	7,309.56 F	32-06-00	8,196.75 F	36-00-00	9,084.80 F	39-06-00	9,972.85 F
29-01-00	7,330.68 F	32-07-00	8,217.89 F	36-01-00	9,105.94 F	39-07-00	9,993.99 F
29-02-00	7,351.80 F	32-08-00	8,239.04 F	36-02-00	9,127.09 F	39-08-00	10,015.13 F
29-03-00	7,372.92 F	32-09-00	8,260.18 F	36-03-00	9,148.23 F	39-09-00	10,036.28 F
29-04-00	7,394.04 F	32-10-00	8,281.33 F	36-04-00	9,169.37 F	39-10-00	10,057.42 F
29-05-00	7,415.16 F	32-11-00	8,302.47 F	36-05-00	9,190.52 F	39-11-00	10,078.57 F
29-06-00	7,436.29 F	33-00-00	8,323.61 F	36-06-00	9,211.66 F	40-00-00	10,099.71 F
29-07-00	7,457.41 F	33-01-00	8,344.76 F	36-07-00	9,232.81 F	40-01-00	10,120.85 F
29-08-00	7,478.53 F	33-02-00	8,365.90 F	36-08-00	9,253.95 F	40-02-00	10,142.02 F
29-09-00	7,499.65 F	33-03-00	8,387.05 F	36-09-00	9,275.09 F	40-03-00	10,163.18 F
29-10-00	7,520.77 F	33-04-00	8,408.19 F	36-10-00	9,296.24 F	40-04-00	10,184.35 F
29-11-00	7,541.89 F	33-05-00	8,429.33 F	36-11-00	9,317.38 F	40-05-00	10,205.51 F
30-00-00	7,563.01 F	33-06-00	8,450.48 F	37-00-00	9,338.53 F	40-06-00	10,226.68 F
30-01-00	7,584.13 F	33-07-00	8,471.62 F	37-01-00	9,359.67 F	40-07-00	10,247.84 F
30-02-00	7,605.25 F	33-08-00	8,492.77 F	37-02-00	9,380.81 F	40-08-00	10,269.01 F
30-03-00	7,626.37 F	33-09-00	8,513.91 F	37-03-00	9,401.96 F	40-09-00	10,290.17 F
30-04-00	7,647.49 F	33-10-00	8,535.05 F	37-04-00	9,423.10 F	40-10-00	10,311.34 F
30-05-00	7,668.61 F	33-11-00	8,556.20 F	37-05-00	9,444.25 F	40-11-00	10,332.50 F
30-06-00	7,689.73 F	34-00-00	8,577.34 F	37-06-00	9,465.39 F	41-00-00	10,353.67 F
30-07-00	7,710.86 F	34-01-00	8,598.49 F	37-07-00	9,486.53 F	41-01-00	10,374.83 F
30-08-00	7,731.98 F	34-02-00	8,619.63 F	37-08-00	9,507.68 F	41-02-00	10,396.00 F
30-09-00	7,753.10 F	34-03-00	8,640.77 F	37-09-00	9,528.82 F	41-03-00	10,417.16 F
30-10-00	7,774.22 F	34-04-00	8,661.92 F	37-10-00	9,549.97 F	41-04-00	10,438.33 F
30-11-00	7,795.34 F	34-05-00	8,683.06 F	37-11-00	9,571.11 F	41-05-00	10,459.49 F
31-00-00	7,816.46 F	34-06-00	8,704.21 F	38-00-00	9,592.25 F	41-06-00	10,480.66 F
31-01-00	7,837.58 F	34-07-00	8,725.35 F	38-01-00	9,613.40 F	41-07-00	10,501.82 F
31-02-00	7,858.70 F	34-08-00	8,746.49 F	38-02-00	9,634.54 F	41-08-00	10,522.99 F
31-03-00	7,879.82 F	34-09-00	8,767.64 F	38-03-00	9,655.69 F	41-09-00	10,544.15 F
31-04-00	7,900.94 F	34-10-00	8,788.78 F	38-04-00	9,676.83 F	41-10-00	10,565.31 F
31-05-00	7,922.06 F	34-11-00	8,809.93 F	38-05-00	9,697.97 F	41-11-00	10,586.48 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 **012-022** Tank Type **F** Roof Weight **1,700** API **35.00** Gravity Correction **.03**  
 Strapped By: hmt 7/25/2008 Floating Height **3-08-00**

<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	10,607.64 F	45-06-00	11,496.57 F				
42-01-00	10,628.81 F	45-07-00	11,517.73 F				
42-02-00	10,649.97 F	45-08-00	11,538.90 F				
42-03-00	10,671.14 F	45-09-00	11,560.06 F				
42-04-00	10,692.30 F	45-10-00	11,581.23 F				
42-05-00	10,713.47 F	45-11-00	11,602.39 F				
42-06-00	10,734.63 F	46-00-00	11,623.55 F				
42-07-00	10,755.80 F	46-01-00	11,644.72 F				
42-08-00	10,776.96 F	46-02-00	11,665.88 F				
42-09-00	10,798.13 F	46-03-00	11,687.05 F				
42-10-00	10,819.29 F	46-04-00	11,708.21 F				
42-11-00	10,840.46 F	46-05-00	11,729.38 F				
43-00-00	10,861.62 F	46-06-00	11,750.54 F				
43-01-00	10,882.79 F	46-07-00	11,771.71 F				
43-02-00	10,903.95 F	46-08-00	11,792.87 F				
43-03-00	10,925.12 F	46-09-00	11,814.04 F				
43-04-00	10,946.28 F	46-10-00	11,835.20 F				
43-05-00	10,967.45 F	46-11-00	11,856.37 F				
43-06-00	10,988.61 F	47-00-00	11,877.53 F				
43-07-00	11,009.78 F	47-01-00	11,898.70 F				
43-08-00	11,030.94 F	47-02-00	11,919.86 F				
43-09-00	11,052.11 F	47-03-00	11,941.03 F				
43-10-00	11,073.27 F	47-04-00	11,962.19 F				
43-11-00	11,094.43 F	47-05-00	11,983.36 F				
44-00-00	11,115.60 F	47-06-00	12,004.52 F				
44-01-00	11,136.76 F	47-07-00	12,025.69 F				
44-02-00	11,157.93 F	47-08-00	12,046.85 F				
44-03-00	11,179.09 F	47-09-00	12,068.02 F				
44-04-00	11,200.26 F	47-10-00	12,089.18 F				
44-05-00	11,221.42 F	47-11-00	12,110.35 F				
44-06-00	11,242.59 F	48-00-00	12,131.51 F				
44-07-00	11,263.75 F	48-01-00	12,152.67 F				
44-08-00	11,284.92 F	48-02-00	12,173.84 F				
44-09-00	11,306.08 F	48-03-00	12,195.00 F				
44-10-00	11,327.25 F	48-04-00	12,216.17 F				
44-11-00	11,348.41 F	48-05-00	12,237.33 F				
45-00-00	11,369.58 F	48-06-00	12,258.50 F				
45-01-00	11,390.74 F						
45-02-00	11,411.91 F						
45-03-00	11,433.07 F						
45-04-00	11,454.24 F						
45-05-00	11,475.40 F						

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

**BOLD DENOTES ROOF CRITICAL ZONE**