

Tank Strapping Detail Report

Tank ID **012-021** Tank Type **F** Roof Weight **2,465** API **35.00** Gravity Correction **.05**
 Strapped By: **HMT** 4/27/2004 Floating Height **3-00-00**

<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	11.94	3-06-00	861.76 F	7-00-00	1,745.85 F	10-06-00	2,629.79 F
0-01-00	21.17	3-07-00	882.81 F	7-01-00	1,766.90 F	10-07-00	2,650.83 F
0-02-00	35.66	3-08-00	903.86 F	7-02-00	1,787.94 F	10-08-00	2,671.88 F
0-03-00	53.14	3-09-00	924.91 F	7-03-00	1,808.99 F	10-09-00	2,692.92 F
0-04-00	72.07	3-10-00	945.96 F	7-04-00	1,830.04 F	10-10-00	2,713.97 F
0-05-00	91.16	3-11-00	967.01 F	7-05-00	1,851.09 F	10-11-00	2,735.01 F
0-06-00	111.96	4-00-00	988.06 F	7-06-00	1,872.14 F	11-00-00	2,756.06 F
0-07-00	133.01	4-01-00	1,009.11 F	7-07-00	1,893.19 F	11-01-00	2,777.10 F
0-08-00	154.05	4-02-00	1,030.16 F	7-08-00	1,914.24 F	11-02-00	2,798.15 F
0-09-00	175.10	4-03-00	1,051.21 F	7-09-00	1,935.29 F	11-03-00	2,819.19 F
0-10-00	196.14	4-04-00	1,072.26 F	7-10-00	1,956.34 F	11-04-00	2,840.24 F
0-11-00	217.18	4-05-00	1,093.31 F	7-11-00	1,977.39 F	11-05-00	2,861.28 F
1-00-00	238.22	4-06-00	1,114.36 F	8-00-00	1,998.44 F	11-06-00	2,882.33 F
1-01-00	259.26	4-07-00	1,135.41 F	8-01-00	2,019.49 F	11-07-00	2,903.37 F
1-02-00	280.30	4-08-00	1,156.46 F	8-02-00	2,040.53 F	11-08-00	2,924.41 F
1-03-00	301.35	4-09-00	1,177.51 F	8-03-00	2,061.58 F	11-09-00	2,945.46 F
1-04-00	322.41	4-10-00	1,198.56 F	8-04-00	2,082.62 F	11-10-00	2,966.50 F
1-05-00	343.49	4-11-00	1,219.61 F	8-05-00	2,103.67 F	11-11-00	2,987.55 F
1-06-00	364.57	5-00-00	1,240.66 F	8-06-00	2,124.71 F	12-00-00	3,008.59 F
1-07-00	385.65	5-01-00	1,261.70 F	8-07-00	2,145.76 F	12-01-00	3,029.64 F
1-08-00	406.72	5-02-00	1,282.75 F	8-08-00	2,166.80 F	12-02-00	3,050.68 F
1-09-00	427.78	5-03-00	1,303.80 F	8-09-00	2,187.85 F	12-03-00	3,071.73 F
1-10-00	448.84	5-04-00	1,324.85 F	8-10-00	2,208.89 F	12-04-00	3,092.77 F
1-11-00	469.90	5-05-00	1,345.90 F	8-11-00	2,229.94 F	12-05-00	3,113.82 F
2-00-00	490.97	5-06-00	1,366.95 F	9-00-00	2,250.98 F	12-06-00	3,134.86 F
2-01-00	512.03	5-07-00	1,388.00 F	9-01-00	2,272.03 F	12-07-00	3,155.91 F
2-02-00	533.09	5-08-00	1,409.05 F	9-02-00	2,293.07 F	12-08-00	3,176.95 F
2-03-00	554.15	5-09-00	1,430.10 F	9-03-00	2,314.12 F	12-09-00	3,198.00 F
2-04-00	575.21	5-10-00	1,451.15 F	9-04-00	2,335.16 F	12-10-00	3,219.04 F
2-05-00	596.27	5-11-00	1,472.20 F	9-05-00	2,356.21 F	12-11-00	3,240.09 F
2-06-00	617.34	6-00-00	1,493.25 F	9-06-00	2,377.25 F	13-00-00	3,261.13 F
2-07-00	638.40	6-01-00	1,514.30 F	9-07-00	2,398.29 F	13-01-00	3,282.18 F
2-08-00	659.46	6-02-00	1,535.35 F	9-08-00	2,419.34 F	13-02-00	3,303.22 F
2-09-00	680.52	6-03-00	1,556.40 F	9-09-00	2,440.38 F	13-03-00	3,324.27 F
2-10-00	701.58	6-04-00	1,577.45 F	9-10-00	2,461.43 F	13-04-00	3,345.31 F
2-11-00	722.64	6-05-00	1,598.50 F	9-11-00	2,482.47 F	13-05-00	3,366.36 F
3-00-00	743.71 F	6-06-00	1,619.55 F	10-00-00	2,503.52 F	13-06-00	3,387.40 F
3-01-00	764.00 F	6-07-00	1,640.60 F	10-01-00	2,524.56 F	13-07-00	3,408.45 F
3-02-00	783.50 F	6-08-00	1,661.65 F	10-02-00	2,545.61 F	13-08-00	3,429.49 F
3-03-00	802.51 F	6-09-00	1,682.70 F	10-03-00	2,566.65 F	13-09-00	3,450.53 F
3-04-00	820.51 F	6-10-00	1,703.75 F	10-04-00	2,587.70 F	13-10-00	3,471.58 F
3-05-00	840.71 F	6-11-00	1,724.80 F	10-05-00	2,608.74 F	13-11-00	3,492.62 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 **012-021** Tank Type **F** Roof Weight **2,465** API **35.00** Gravity Correction **.05**
 Strapped By: **HMT** 4/27/2004 Floating Height **3-00-00**

<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	3,513.67 F	17-06-00	4,397.58 F	21-00-00	5,281.53 F	24-06-00	6,165.50 F
14-01-00	3,534.71 F	17-07-00	4,418.63 F	21-01-00	5,302.57 F	24-07-00	6,186.55 F
14-02-00	3,555.76 F	17-08-00	4,439.67 F	21-02-00	5,323.62 F	24-08-00	6,207.60 F
14-03-00	3,576.80 F	17-09-00	4,460.72 F	21-03-00	5,344.67 F	24-09-00	6,228.66 F
14-04-00	3,597.85 F	17-10-00	4,481.76 F	21-04-00	5,365.71 F	24-10-00	6,249.71 F
14-05-00	3,618.89 F	17-11-00	4,502.81 F	21-05-00	5,386.76 F	24-11-00	6,270.76 F
14-06-00	3,639.94 F	18-00-00	4,523.86 F	21-06-00	5,407.81 F	25-00-00	6,291.81 F
14-07-00	3,660.98 F	18-01-00	4,544.90 F	21-07-00	5,428.85 F	25-01-00	6,312.86 F
14-08-00	3,682.03 F	18-02-00	4,565.95 F	21-08-00	5,449.90 F	25-02-00	6,333.91 F
14-09-00	3,703.07 F	18-03-00	4,587.00 F	21-09-00	5,470.95 F	25-03-00	6,354.96 F
14-10-00	3,724.12 F	18-04-00	4,608.04 F	21-10-00	5,491.99 F	25-04-00	6,376.01 F
14-11-00	3,745.16 F	18-05-00	4,629.09 F	21-11-00	5,513.04 F	25-05-00	6,397.07 F
15-00-00	3,766.21 F	18-06-00	4,650.14 F	22-00-00	5,534.08 F	25-06-00	6,418.12 F
15-01-00	3,787.25 F	18-07-00	4,671.18 F	22-01-00	5,555.13 F	25-07-00	6,439.17 F
15-02-00	3,808.30 F	18-08-00	4,692.23 F	22-02-00	5,576.18 F	25-08-00	6,460.22 F
15-03-00	3,829.34 F	18-09-00	4,713.27 F	22-03-00	5,597.22 F	25-09-00	6,481.27 F
15-04-00	3,850.39 F	18-10-00	4,734.32 F	22-04-00	5,618.27 F	25-10-00	6,502.32 F
15-05-00	3,871.43 F	18-11-00	4,755.37 F	22-05-00	5,639.32 F	25-11-00	6,523.37 F
15-06-00	3,892.48 F	19-00-00	4,776.41 F	22-06-00	5,660.36 F	26-00-00	6,544.42 F
15-07-00	3,913.52 F	19-01-00	4,797.46 F	22-07-00	5,681.41 F	26-01-00	6,565.47 F
15-08-00	3,934.57 F	19-02-00	4,818.51 F	22-08-00	5,702.46 F	26-02-00	6,586.53 F
15-09-00	3,955.61 F	19-03-00	4,839.55 F	22-09-00	5,723.50 F	26-03-00	6,607.58 F
15-10-00	3,976.65 F	19-04-00	4,860.60 F	22-10-00	5,744.55 F	26-04-00	6,628.63 F
15-11-00	3,997.70 F	19-05-00	4,881.65 F	22-11-00	5,765.59 F	26-05-00	6,649.68 F
16-00-00	4,018.74 F	19-06-00	4,902.69 F	23-00-00	5,786.64 F	26-06-00	6,670.73 F
16-01-00	4,039.79 F	19-07-00	4,923.74 F	23-01-00	5,807.69 F	26-07-00	6,691.78 F
16-02-00	4,060.84 F	19-08-00	4,944.79 F	23-02-00	5,828.73 F	26-08-00	6,712.83 F
16-03-00	4,081.88 F	19-09-00	4,965.83 F	23-03-00	5,849.78 F	26-09-00	6,733.88 F
16-04-00	4,102.93 F	19-10-00	4,986.88 F	23-04-00	5,870.83 F	26-10-00	6,754.94 F
16-05-00	4,123.98 F	19-11-00	5,007.92 F	23-05-00	5,891.87 F	26-11-00	6,775.99 F
16-06-00	4,145.02 F	20-00-00	5,028.97 F	23-06-00	5,912.92 F	27-00-00	6,797.04 F
16-07-00	4,166.07 F	20-01-00	5,050.02 F	23-07-00	5,933.97 F	27-01-00	6,818.09 F
16-08-00	4,187.11 F	20-02-00	5,071.06 F	23-08-00	5,955.01 F	27-02-00	6,839.14 F
16-09-00	4,208.16 F	20-03-00	5,092.11 F	23-09-00	5,976.06 F	27-03-00	6,860.19 F
16-10-00	4,229.21 F	20-04-00	5,113.16 F	23-10-00	5,997.11 F	27-04-00	6,881.24 F
16-11-00	4,250.25 F	20-05-00	5,134.20 F	23-11-00	6,018.15 F	27-05-00	6,902.29 F
17-00-00	4,271.30 F	20-06-00	5,155.25 F	24-00-00	6,039.20 F	27-06-00	6,923.35 F
17-01-00	4,292.35 F	20-07-00	5,176.30 F	24-01-00	6,060.25 F	27-07-00	6,944.40 F
17-02-00	4,313.39 F	20-08-00	5,197.34 F	24-02-00	6,081.30 F	27-08-00	6,965.45 F
17-03-00	4,334.44 F	20-09-00	5,218.39 F	24-03-00	6,102.35 F	27-09-00	6,986.50 F
17-04-00	4,355.49 F	20-10-00	5,239.43 F	24-04-00	6,123.40 F	27-10-00	7,007.55 F
17-05-00	4,376.53 F	20-11-00	5,260.48 F	24-05-00	6,144.45 F	27-11-00	7,028.60 F

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Tank Strapping Detail Report

Tank ID **012-021** Tank Type **F** Roof Weight **2,465** API **35.00** Gravity Correction **.05**
 Strapped By: HMT 4/27/2004 Floating Height **3-00-00**

<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	7,049.65 F	31-06-00	7,933.80 F	35-00-00	8,817.76 F	38-06-00	9,701.67 F
28-01-00	7,070.70 F	31-07-00	7,954.85 F	35-01-00	8,838.80 F	38-07-00	9,722.72 F
28-02-00	7,091.75 F	31-08-00	7,975.91 F	35-02-00	8,859.85 F	38-08-00	9,743.76 F
28-03-00	7,112.81 F	31-09-00	7,996.96 F	35-03-00	8,880.89 F	38-09-00	9,764.81 F
28-04-00	7,133.86 F	31-10-00	8,018.01 F	35-04-00	8,901.94 F	38-10-00	9,785.85 F
28-05-00	7,154.91 F	31-11-00	8,039.06 F	35-05-00	8,922.98 F	38-11-00	9,806.90 F
28-06-00	7,175.96 F	32-00-00	8,060.11 F	35-06-00	8,944.03 F	39-00-00	9,827.94 F
28-07-00	7,197.01 F	32-01-00	8,081.16 F	35-07-00	8,965.07 F	39-01-00	9,848.99 F
28-08-00	7,218.06 F	32-02-00	8,102.20 F	35-08-00	8,986.12 F	39-02-00	9,870.04 F
28-09-00	7,239.11 F	32-03-00	8,123.25 F	35-09-00	9,007.17 F	39-03-00	9,891.08 F
28-10-00	7,260.16 F	32-04-00	8,144.30 F	35-10-00	9,028.21 F	39-04-00	9,912.13 F
28-11-00	7,281.22 F	32-05-00	8,165.34 F	35-11-00	9,049.26 F	39-05-00	9,933.17 F
29-00-00	7,302.27 F	32-06-00	8,186.39 F	36-00-00	9,070.30 F	39-06-00	9,954.22 F
29-01-00	7,323.32 F	32-07-00	8,207.43 F	36-01-00	9,091.35 F	39-07-00	9,975.26 F
29-02-00	7,344.37 F	32-08-00	8,228.48 F	36-02-00	9,112.39 F	39-08-00	9,996.31 F
29-03-00	7,365.42 F	32-09-00	8,249.52 F	36-03-00	9,133.44 F	39-09-00	10,017.35 F
29-04-00	7,386.47 F	32-10-00	8,270.57 F	36-04-00	9,154.48 F	39-10-00	10,038.40 F
29-05-00	7,407.52 F	32-11-00	8,291.62 F	36-05-00	9,175.53 F	39-11-00	10,059.45 F
29-06-00	7,428.57 F	33-00-00	8,312.66 F	36-06-00	9,196.58 F	40-00-00	10,080.49 F
29-07-00	7,449.63 F	33-01-00	8,333.71 F	36-07-00	9,217.62 F	40-01-00	10,101.53 F
29-08-00	7,470.68 F	33-02-00	8,354.75 F	36-08-00	9,238.67 F	40-02-00	10,122.57 F
29-09-00	7,491.73 F	33-03-00	8,375.80 F	36-09-00	9,259.71 F	40-03-00	10,143.61 F
29-10-00	7,512.78 F	33-04-00	8,396.84 F	36-10-00	9,280.76 F	40-04-00	10,164.65 F
29-11-00	7,533.83 F	33-05-00	8,417.89 F	36-11-00	9,301.80 F	40-05-00	10,185.69 F
30-00-00	7,554.88 F	33-06-00	8,438.93 F	37-00-00	9,322.85 F	40-06-00	10,206.73 F
30-01-00	7,575.93 F	33-07-00	8,459.98 F	37-01-00	9,343.90 F	40-07-00	10,227.77 F
30-02-00	7,596.98 F	33-08-00	8,481.03 F	37-02-00	9,364.94 F	40-08-00	10,248.81 F
30-03-00	7,618.03 F	33-09-00	8,502.07 F	37-03-00	9,385.99 F	40-09-00	10,269.85 F
30-04-00	7,639.09 F	33-10-00	8,523.12 F	37-04-00	9,407.03 F	40-10-00	10,290.89 F
30-05-00	7,660.14 F	33-11-00	8,544.16 F	37-05-00	9,428.08 F	40-11-00	10,311.93 F
30-06-00	7,681.19 F	34-00-00	8,565.21 F	37-06-00	9,449.12 F	41-00-00	10,332.97 F
30-07-00	7,702.24 F	34-01-00	8,586.25 F	37-07-00	9,470.17 F	41-01-00	10,354.00 F
30-08-00	7,723.29 F	34-02-00	8,607.30 F	37-08-00	9,491.21 F	41-02-00	10,375.04 F
30-09-00	7,744.34 F	34-03-00	8,628.34 F	37-09-00	9,512.26 F	41-03-00	10,396.08 F
30-10-00	7,765.39 F	34-04-00	8,649.39 F	37-10-00	9,533.31 F	41-04-00	10,417.12 F
30-11-00	7,786.44 F	34-05-00	8,670.44 F	37-11-00	9,554.35 F	41-05-00	10,438.16 F
31-00-00	7,807.50 F	34-06-00	8,691.48 F	38-00-00	9,575.40 F	41-06-00	10,459.20 F
31-01-00	7,828.55 F	34-07-00	8,712.53 F	38-01-00	9,596.44 F	41-07-00	10,480.24 F
31-02-00	7,849.60 F	34-08-00	8,733.57 F	38-02-00	9,617.49 F	41-08-00	10,501.28 F
31-03-00	7,870.65 F	34-09-00	8,754.62 F	38-03-00	9,638.53 F	41-09-00	10,522.32 F
31-04-00	7,891.70 F	34-10-00	8,775.66 F	38-04-00	9,659.58 F	41-10-00	10,543.36 F
31-05-00	7,912.75 F	34-11-00	8,796.71 F	38-05-00	9,680.62 F	41-11-00	10,564.40 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 **012-021** Tank Type **F** Roof Weight **2,465** API **35.00** Gravity Correction **.05**
 Strapped By: HMT 4/27/2004 Floating Height **3-00-00**

<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	10,585.44 F	45-06-00	11,469.08 F				
42-01-00	10,606.48 F	45-07-00	11,490.12 F				
42-02-00	10,627.51 F	45-08-00	11,511.16 F				
42-03-00	10,648.55 F	45-09-00	11,532.20 F				
42-04-00	10,669.59 F	45-10-00	11,553.24 F				
42-05-00	10,690.63 F	45-11-00	11,574.28 F				
42-06-00	10,711.67 F	46-00-00	11,595.32 F				
42-07-00	10,732.71 F	46-01-00	11,616.36 F				
42-08-00	10,753.75 F	46-02-00	11,637.40 F				
42-09-00	10,774.79 F	46-03-00	11,658.44 F				
42-10-00	10,795.83 F	46-04-00	11,679.47 F				
42-11-00	10,816.87 F	46-05-00	11,700.51 F				
43-00-00	10,837.91 F	46-06-00	11,721.55 F				
43-01-00	10,858.95 F	46-07-00	11,742.59 F				
43-02-00	10,879.98 F	46-08-00	11,763.63 F				
43-03-00	10,901.02 F	46-09-00	11,784.67 F				
43-04-00	10,922.06 F	46-10-00	11,805.71 F				
43-05-00	10,943.10 F	46-11-00	11,826.75 F				
43-06-00	10,964.14 F	47-00-00	11,847.79 F				
43-07-00	10,985.18 F	47-01-00	11,868.83 F				
43-08-00	11,006.22 F	47-02-00	11,889.87 F				
43-09-00	11,027.26 F	47-03-00	11,910.91 F				
43-10-00	11,048.30 F	47-04-00	11,931.94 F				
43-11-00	11,069.34 F	47-05-00	11,952.98 F				
44-00-00	11,090.38 F	47-06-00	11,974.02 F				
44-01-00	11,111.42 F	47-07-00	11,995.06 F				
44-02-00	11,132.46 F	47-08-00	12,016.10 F				
44-03-00	11,153.49 F	47-09-00	12,037.14 F				
44-04-00	11,174.53 F	47-10-00	12,058.18 F				
44-05-00	11,195.57 F	47-11-00	12,079.22 F				
44-06-00	11,216.61 F	48-00-00	12,100.26 F				
44-07-00	11,237.65 F	48-01-00	12,121.30 F				
44-08-00	11,258.69 F	48-02-00	12,142.34 F				
44-09-00	11,279.73 F	48-03-00	12,163.38 F				
44-10-00	11,300.77 F	48-04-00	12,184.42 F				
44-11-00	11,321.81 F	48-05-00	12,205.45 F				
45-00-00	11,342.85 F						
45-01-00	11,363.89 F						
45-02-00	11,384.93 F						
45-03-00	11,405.96 F						
45-04-00	11,427.00 F						
45-05-00	11,448.04 F						

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

BOLD DENOTES ROOF CRITICAL ZONE