

Tank Strapping Detail Report

Tank ID **012-029** Tank Type **F** Roof Weight **2,380** API **35.00** Gravity Correction **.05**
 Strapped By: **HMT** 3/22/2010 Floating Height **3-09-00**

<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	4.45	3-06-00	850.01	7-00-00	1,725.45 F	10-06-00	2,609.39 F
0-01-00	11.93	3-07-00	871.06	7-01-00	1,746.48 F	10-07-00	2,630.44 F
0-02-00	22.52	3-08-00	892.10	7-02-00	1,767.52 F	10-08-00	2,651.50 F
0-03-00	35.47	3-09-00	913.15 F	7-03-00	1,788.55 F	10-09-00	2,672.55 F
0-04-00	52.13	3-10-00	934.08 F	7-04-00	1,809.58 F	10-10-00	2,693.61 F
0-05-00	71.55	3-11-00	954.20 F	7-05-00	1,830.62 F	10-11-00	2,714.66 F
0-06-00	92.58	4-00-00	973.75 F	7-06-00	1,851.65 F	11-00-00	2,735.71 F
0-07-00	113.62	4-01-00	993.00 F	7-07-00	1,872.68 F	11-01-00	2,756.77 F
0-08-00	134.65	4-02-00	1,012.08 F	7-08-00	1,893.72 F	11-02-00	2,777.82 F
0-09-00	155.68	4-03-00	1,031.34 F	7-09-00	1,914.75 F	11-03-00	2,798.87 F
0-10-00	176.72	4-04-00	1,052.37 F	7-10-00	1,935.79 F	11-04-00	2,819.93 F
0-11-00	197.75	4-05-00	1,073.41 F	7-11-00	1,956.82 F	11-05-00	2,840.98 F
1-00-00	218.78	4-06-00	1,094.44 F	8-00-00	1,977.85 F	11-06-00	2,862.03 F
1-01-00	239.80	4-07-00	1,115.48 F	8-01-00	1,998.89 F	11-07-00	2,883.09 F
1-02-00	260.82	4-08-00	1,136.51 F	8-02-00	2,019.92 F	11-08-00	2,904.14 F
1-03-00	281.85	4-09-00	1,157.54 F	8-03-00	2,040.95 F	11-09-00	2,925.19 F
1-04-00	302.87	4-10-00	1,178.58 F	8-04-00	2,062.00 F	11-10-00	2,946.25 F
1-05-00	323.90	4-11-00	1,199.61 F	8-05-00	2,083.05 F	11-11-00	2,967.30 F
1-06-00	344.92	5-00-00	1,220.64 F	8-06-00	2,104.10 F	12-00-00	2,988.36 F
1-07-00	365.94	5-01-00	1,241.68 F	8-07-00	2,125.16 F	12-01-00	3,009.41 F
1-08-00	386.96	5-02-00	1,262.71 F	8-08-00	2,146.21 F	12-02-00	3,030.46 F
1-09-00	408.00	5-03-00	1,283.74 F	8-09-00	2,167.27 F	12-03-00	3,051.52 F
1-10-00	429.05	5-04-00	1,304.78 F	8-10-00	2,188.32 F	12-04-00	3,072.57 F
1-11-00	450.10	5-05-00	1,325.81 F	8-11-00	2,209.37 F	12-05-00	3,093.62 F
2-00-00	471.14	5-06-00	1,346.84 F	9-00-00	2,230.43 F	12-06-00	3,114.68 F
2-01-00	492.19	5-07-00	1,367.88 F	9-01-00	2,251.48 F	12-07-00	3,135.73 F
2-02-00	513.24	5-08-00	1,388.91 F	9-02-00	2,272.53 F	12-08-00	3,156.78 F
2-03-00	534.29	5-09-00	1,409.95 F	9-03-00	2,293.59 F	12-09-00	3,177.84 F
2-04-00	555.34	5-10-00	1,430.98 F	9-04-00	2,314.64 F	12-10-00	3,198.89 F
2-05-00	576.38	5-11-00	1,452.01 F	9-05-00	2,335.69 F	12-11-00	3,219.95 F
2-06-00	597.43	6-00-00	1,473.05 F	9-06-00	2,356.75 F	13-00-00	3,241.00 F
2-07-00	618.48	6-01-00	1,494.08 F	9-07-00	2,377.80 F	13-01-00	3,262.05 F
2-08-00	639.53	6-02-00	1,515.11 F	9-08-00	2,398.85 F	13-02-00	3,283.11 F
2-09-00	660.58	6-03-00	1,536.15 F	9-09-00	2,419.91 F	13-03-00	3,304.16 F
2-10-00	681.62	6-04-00	1,557.18 F	9-10-00	2,440.96 F	13-04-00	3,325.21 F
2-11-00	702.67	6-05-00	1,578.21 F	9-11-00	2,462.02 F	13-05-00	3,346.27 F
3-00-00	723.72	6-06-00	1,599.25 F	10-00-00	2,483.07 F	13-06-00	3,367.32 F
3-01-00	744.77	6-07-00	1,620.28 F	10-01-00	2,504.12 F	13-07-00	3,388.37 F
3-02-00	765.82	6-08-00	1,641.32 F	10-02-00	2,525.18 F	13-08-00	3,409.43 F
3-03-00	786.86	6-09-00	1,662.35 F	10-03-00	2,546.23 F	13-09-00	3,430.48 F
3-04-00	807.91	6-10-00	1,683.38 F	10-04-00	2,567.28 F	13-10-00	3,451.53 F
3-05-00	828.96	6-11-00	1,704.42 F	10-05-00	2,588.34 F	13-11-00	3,472.59 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 **012-029** Tank Type **F** Roof Weight **2,380** API **35.00** Gravity Correction **.05**
 Strapped By: HMT 3/22/2010 Floating Height **3-09-00**

<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	3,493.64 F	17-06-00	4,378.13 F	21-00-00	5,263.05 F	24-06-00	6,147.89 F
14-01-00	3,514.70 F	17-07-00	4,399.19 F	21-01-00	5,284.12 F	24-07-00	6,168.92 F
14-02-00	3,535.75 F	17-08-00	4,420.26 F	21-02-00	5,305.19 F	24-08-00	6,189.96 F
14-03-00	3,556.80 F	17-09-00	4,441.33 F	21-03-00	5,326.26 F	24-09-00	6,210.99 F
14-04-00	3,577.86 F	17-10-00	4,462.40 F	21-04-00	5,347.33 F	24-10-00	6,232.03 F
14-05-00	3,598.91 F	17-11-00	4,483.47 F	21-05-00	5,368.40 F	24-11-00	6,253.06 F
14-06-00	3,619.96 F	18-00-00	4,504.54 F	21-06-00	5,389.47 F	25-00-00	6,274.10 F
14-07-00	3,641.02 F	18-01-00	4,525.61 F	21-07-00	5,410.54 F	25-01-00	6,295.13 F
14-08-00	3,662.07 F	18-02-00	4,546.68 F	21-08-00	5,431.61 F	25-02-00	6,316.17 F
14-09-00	3,683.12 F	18-03-00	4,567.75 F	21-09-00	5,452.67 F	25-03-00	6,337.20 F
14-10-00	3,704.18 F	18-04-00	4,588.82 F	21-10-00	5,473.74 F	25-04-00	6,358.24 F
14-11-00	3,725.23 F	18-05-00	4,609.89 F	21-11-00	5,494.81 F	25-05-00	6,379.27 F
15-00-00	3,746.29 F	18-06-00	4,630.96 F	22-00-00	5,515.88 F	25-06-00	6,400.31 F
15-01-00	3,767.34 F	18-07-00	4,652.03 F	22-01-00	5,536.95 F	25-07-00	6,421.34 F
15-02-00	3,788.39 F	18-08-00	4,673.10 F	22-02-00	5,558.02 F	25-08-00	6,442.38 F
15-03-00	3,809.45 F	18-09-00	4,694.17 F	22-03-00	5,579.09 F	25-09-00	6,463.41 F
15-04-00	3,830.50 F	18-10-00	4,715.24 F	22-04-00	5,600.16 F	25-10-00	6,484.45 F
15-05-00	3,851.55 F	18-11-00	4,736.31 F	22-05-00	5,621.23 F	25-11-00	6,505.48 F
15-06-00	3,872.61 F	19-00-00	4,757.38 F	22-06-00	5,642.30 F	26-00-00	6,526.52 F
15-07-00	3,893.66 F	19-01-00	4,778.45 F	22-07-00	5,663.37 F	26-01-00	6,547.55 F
15-08-00	3,914.71 F	19-02-00	4,799.52 F	22-08-00	5,684.44 F	26-02-00	6,568.59 F
15-09-00	3,935.77 F	19-03-00	4,820.59 F	22-09-00	5,705.51 F	26-03-00	6,589.62 F
15-10-00	3,956.82 F	19-04-00	4,841.66 F	22-10-00	5,726.58 F	26-04-00	6,610.66 F
15-11-00	3,977.87 F	19-05-00	4,862.73 F	22-11-00	5,747.65 F	26-05-00	6,631.70 F
16-00-00	3,998.93 F	19-06-00	4,883.80 F	23-00-00	5,768.72 F	26-06-00	6,652.73 F
16-01-00	4,019.98 F	19-07-00	4,904.87 F	23-01-00	5,789.79 F	26-07-00	6,673.77 F
16-02-00	4,041.04 F	19-08-00	4,925.93 F	23-02-00	5,810.86 F	26-08-00	6,694.80 F
16-03-00	4,062.09 F	19-09-00	4,947.00 F	23-03-00	5,831.93 F	26-09-00	6,715.84 F
16-04-00	4,083.15 F	19-10-00	4,968.07 F	23-04-00	5,853.00 F	26-10-00	6,736.87 F
16-05-00	4,104.22 F	19-11-00	4,989.14 F	23-05-00	5,874.07 F	26-11-00	6,757.91 F
16-06-00	4,125.29 F	20-00-00	5,010.21 F	23-06-00	5,895.14 F	27-00-00	6,778.94 F
16-07-00	4,146.36 F	20-01-00	5,031.28 F	23-07-00	5,916.21 F	27-01-00	6,799.98 F
16-08-00	4,167.43 F	20-02-00	5,052.35 F	23-08-00	5,937.28 F	27-02-00	6,821.01 F
16-09-00	4,188.50 F	20-03-00	5,073.42 F	23-09-00	5,958.35 F	27-03-00	6,842.05 F
16-10-00	4,209.57 F	20-04-00	5,094.49 F	23-10-00	5,979.41 F	27-04-00	6,863.08 F
16-11-00	4,230.64 F	20-05-00	5,115.56 F	23-11-00	6,000.48 F	27-05-00	6,884.12 F
17-00-00	4,251.71 F	20-06-00	5,136.63 F	24-00-00	6,021.55 F	27-06-00	6,905.15 F
17-01-00	4,272.78 F	20-07-00	5,157.70 F	24-01-00	6,042.62 F	27-07-00	6,926.19 F
17-02-00	4,293.85 F	20-08-00	5,178.77 F	24-02-00	6,063.69 F	27-08-00	6,947.22 F
17-03-00	4,314.92 F	20-09-00	5,199.84 F	24-03-00	6,084.76 F	27-09-00	6,968.26 F
17-04-00	4,335.99 F	20-10-00	5,220.91 F	24-04-00	6,105.82 F	27-10-00	6,989.29 F
17-05-00	4,357.06 F	20-11-00	5,241.98 F	24-05-00	6,126.85 F	27-11-00	7,010.33 F

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Tank ID **012-029** Tank Type **F** Roof Weight **2,380** API **35.00** Gravity Correction **.05**
 Strapped By: **HMT** 3/22/2010 Floating Height **3-09-00**

<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	7,031.36 F	31-06-00	7,914.84 F	35-00-00	8,797.88 F	38-06-00	9,680.79 F
28-01-00	7,052.40 F	31-07-00	7,935.88 F	35-01-00	8,818.90 F	38-07-00	9,701.81 F
28-02-00	7,073.43 F	31-08-00	7,956.91 F	35-02-00	8,839.92 F	38-08-00	9,722.83 F
28-03-00	7,094.47 F	31-09-00	7,977.95 F	35-03-00	8,860.94 F	38-09-00	9,743.85 F
28-04-00	7,115.50 F	31-10-00	7,998.98 F	35-04-00	8,881.97 F	38-10-00	9,764.87 F
28-05-00	7,136.54 F	31-11-00	8,020.02 F	35-05-00	8,902.99 F	38-11-00	9,785.89 F
28-06-00	7,157.58 F	32-00-00	8,041.05 F	35-06-00	8,924.01 F	39-00-00	9,806.92 F
28-07-00	7,178.61 F	32-01-00	8,062.09 F	35-07-00	8,945.03 F	39-01-00	9,827.94 F
28-08-00	7,199.65 F	32-02-00	8,083.12 F	35-08-00	8,966.05 F	39-02-00	9,848.96 F
28-09-00	7,220.68 F	32-03-00	8,104.16 F	35-09-00	8,987.07 F	39-03-00	9,869.98 F
28-10-00	7,241.72 F	32-04-00	8,125.19 F	35-10-00	9,008.09 F	39-04-00	9,891.00 F
28-11-00	7,262.75 F	32-05-00	8,146.21 F	35-11-00	9,029.12 F	39-05-00	9,912.02 F
29-00-00	7,283.79 F	32-06-00	8,167.23 F	36-00-00	9,050.14 F	39-06-00	9,933.05 F
29-01-00	7,304.82 F	32-07-00	8,188.25 F	36-01-00	9,071.16 F	39-07-00	9,954.07 F
29-02-00	7,325.86 F	32-08-00	8,209.27 F	36-02-00	9,092.18 F	39-08-00	9,975.09 F
29-03-00	7,346.89 F	32-09-00	8,230.30 F	36-03-00	9,113.20 F	39-09-00	9,996.11 F
29-04-00	7,367.93 F	32-10-00	8,251.32 F	36-04-00	9,134.22 F	39-10-00	10,017.13 F
29-05-00	7,388.96 F	32-11-00	8,272.34 F	36-05-00	9,155.25 F	39-11-00	10,038.15 F
29-06-00	7,410.00 F	33-00-00	8,293.36 F	36-06-00	9,176.27 F	40-00-00	10,059.17 F
29-07-00	7,431.03 F	33-01-00	8,314.38 F	36-07-00	9,197.29 F	40-01-00	10,080.20 F
29-08-00	7,452.07 F	33-02-00	8,335.40 F	36-08-00	9,218.31 F	40-02-00	10,101.22 F
29-09-00	7,473.10 F	33-03-00	8,356.43 F	36-09-00	9,239.33 F	40-03-00	10,122.24 F
29-10-00	7,494.14 F	33-04-00	8,377.45 F	36-10-00	9,260.35 F	40-04-00	10,143.25 F
29-11-00	7,515.17 F	33-05-00	8,398.47 F	36-11-00	9,281.38 F	40-05-00	10,164.25 F
30-00-00	7,536.21 F	33-06-00	8,419.49 F	37-00-00	9,302.40 F	40-06-00	10,185.25 F
30-01-00	7,557.24 F	33-07-00	8,440.51 F	37-01-00	9,323.42 F	40-07-00	10,206.26 F
30-02-00	7,578.28 F	33-08-00	8,461.53 F	37-02-00	9,344.44 F	40-08-00	10,227.26 F
30-03-00	7,599.31 F	33-09-00	8,482.55 F	37-03-00	9,365.46 F	40-09-00	10,248.26 F
30-04-00	7,620.35 F	33-10-00	8,503.58 F	37-04-00	9,386.48 F	40-10-00	10,269.26 F
30-05-00	7,641.38 F	33-11-00	8,524.60 F	37-05-00	9,407.51 F	40-11-00	10,290.26 F
30-06-00	7,662.42 F	34-00-00	8,545.62 F	37-06-00	9,428.53 F	41-00-00	10,311.26 F
30-07-00	7,683.46 F	34-01-00	8,566.64 F	37-07-00	9,449.55 F	41-01-00	10,332.27 F
30-08-00	7,704.49 F	34-02-00	8,587.66 F	37-08-00	9,470.57 F	41-02-00	10,353.27 F
30-09-00	7,725.53 F	34-03-00	8,608.68 F	37-09-00	9,491.59 F	41-03-00	10,374.27 F
30-10-00	7,746.56 F	34-04-00	8,629.71 F	37-10-00	9,512.61 F	41-04-00	10,395.27 F
30-11-00	7,767.60 F	34-05-00	8,650.73 F	37-11-00	9,533.63 F	41-05-00	10,416.27 F
31-00-00	7,788.63 F	34-06-00	8,671.75 F	38-00-00	9,554.66 F	41-06-00	10,437.27 F
31-01-00	7,809.67 F	34-07-00	8,692.77 F	38-01-00	9,575.68 F	41-07-00	10,458.28 F
31-02-00	7,830.70 F	34-08-00	8,713.79 F	38-02-00	9,596.70 F	41-08-00	10,479.28 F
31-03-00	7,851.74 F	34-09-00	8,734.81 F	38-03-00	9,617.72 F	41-09-00	10,500.28 F
31-04-00	7,872.77 F	34-10-00	8,755.84 F	38-04-00	9,638.74 F	41-10-00	10,521.28 F
31-05-00	7,893.81 F	34-11-00	8,776.86 F	38-05-00	9,659.76 F	41-11-00	10,542.28 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

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 Strapped By: HMT 3/22/2010 Floating Height **3-09-00**

<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	10,563.28 F	45-06-00	11,445.35 F				
42-01-00	10,584.28 F	45-07-00	11,466.35 F				
42-02-00	10,605.29 F	45-08-00	11,487.35 F				
42-03-00	10,626.29 F	45-09-00	11,508.36 F				
42-04-00	10,647.29 F	45-10-00	11,529.36 F				
42-05-00	10,668.29 F	45-11-00	11,550.36 F				
42-06-00	10,689.29 F	46-00-00	11,571.36 F				
42-07-00	10,710.29 F	46-01-00	11,592.36 F				
42-08-00	10,731.30 F	46-02-00	11,613.36 F				
42-09-00	10,752.30 F	46-03-00	11,634.36 F				
42-10-00	10,773.30 F	46-04-00	11,655.37 F				
42-11-00	10,794.30 F	46-05-00	11,676.37 F				
43-00-00	10,815.30 F	46-06-00	11,697.37 F				
43-01-00	10,836.30 F	46-07-00	11,718.37 F				
43-02-00	10,857.31 F	46-08-00	11,739.37 F				
43-03-00	10,878.31 F	46-09-00	11,760.37 F				
43-04-00	10,899.31 F	46-10-00	11,781.38 F				
43-05-00	10,920.31 F	46-11-00	11,802.38 F				
43-06-00	10,941.31 F	47-00-00	11,823.38 F				
43-07-00	10,962.31 F	47-01-00	11,844.38 F				
43-08-00	10,983.32 F	47-02-00	11,865.38 F				
43-09-00	11,004.32 F	47-03-00	11,886.38 F				
43-10-00	11,025.32 F	47-04-00	11,907.39 F				
43-11-00	11,046.32 F	47-05-00	11,928.39 F				
44-00-00	11,067.32 F	47-06-00	11,949.39 F				
44-01-00	11,088.32 F	47-07-00	11,970.39 F				
44-02-00	11,109.32 F	47-08-00	11,991.39 F				
44-03-00	11,130.33 F	47-09-00	12,012.39 F				
44-04-00	11,151.33 F	47-10-00	12,033.40 F				
44-05-00	11,172.33 F	47-11-00	12,054.40 F				
44-06-00	11,193.33 F	48-00-00	12,075.40 F				
44-07-00	11,214.33 F	48-01-00	12,096.40 F				
44-08-00	11,235.33 F	48-02-00	12,117.40 F				
44-09-00	11,256.34 F	48-03-00	12,138.40 F				
44-10-00	11,277.34 F	48-04-00	12,159.40 F				
44-11-00	11,298.34 F	48-05-00	12,180.41 F				
45-00-00	11,319.34 F	48-06-00	12,201.41 F				
45-01-00	11,340.34 F	48-07-00	12,222.41 F				
45-02-00	11,361.34 F						
45-03-00	11,382.35 F						
45-04-00	11,403.35 F						
45-05-00	11,424.35 F						

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

BOLD DENOTES ROOF CRITICAL ZONE