

Tank Strapping Detail Report

Tank ID **080-028** Tank Type **F** Roof Weight **9,115** API **35.00** Gravity Correction **.18**
 Strapped By: **HMT** 4/8/2010 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	47.03	3-06-00	5,417.05 F	7-00-00	11,335.66 F	10-06-00	17,257.63 F
0-01-00	78.50	3-07-00	5,557.97 F	7-01-00	11,476.66 F	10-07-00	17,398.63 F
0-02-00	122.82	3-08-00	5,698.88 F	7-02-00	11,617.66 F	10-08-00	17,539.63 F
0-03-00	179.57	3-09-00	5,839.80 F	7-03-00	11,758.66 F	10-09-00	17,680.63 F
0-04-00	249.27	3-10-00	5,980.72 F	7-04-00	11,899.66 F	10-10-00	17,821.63 F
0-05-00	331.55	3-11-00	6,121.64 F	7-05-00	12,040.66 F	10-11-00	17,962.62 F
0-06-00	426.16	4-00-00	6,262.56 F	7-06-00	12,181.66 F	11-00-00	18,103.62 F
0-07-00	533.93	4-01-00	6,403.48 F	7-07-00	12,322.66 F	11-01-00	18,244.62 F
0-08-00	658.95	4-02-00	6,544.40 F	7-08-00	12,463.66 F	11-02-00	18,385.62 F
0-09-00	796.63	4-03-00	6,685.32 F	7-09-00	12,604.66 F	11-03-00	18,526.62 F
0-10-00	937.53	4-04-00	6,826.24 F	7-10-00	12,745.65 F	11-04-00	18,667.62 F
0-11-00	1,078.43	4-05-00	6,967.16 F	7-11-00	12,886.65 F	11-05-00	18,808.62 F
1-00-00	1,219.35	4-06-00	7,108.08 F	8-00-00	13,027.65 F	11-06-00	18,949.62 F
1-01-00	1,360.28	4-07-00	7,249.00 F	8-01-00	13,168.65 F	11-07-00	19,090.62 F
1-02-00	1,501.22	4-08-00	7,389.91 F	8-02-00	13,309.65 F	11-08-00	19,231.62 F
1-03-00	1,642.17	4-09-00	7,530.83 F	8-03-00	13,450.65 F	11-09-00	19,372.62 F
1-04-00	1,783.13	4-10-00	7,671.75 F	8-04-00	13,591.65 F	11-10-00	19,513.62 F
1-05-00	1,924.08	4-11-00	7,812.67 F	8-05-00	13,732.65 F	11-11-00	19,654.62 F
1-06-00	2,065.03	5-00-00	7,953.59 F	8-06-00	13,873.65 F	12-00-00	19,795.61 F
1-07-00	2,205.99	5-01-00	8,094.51 F	8-07-00	14,014.65 F	12-01-00	19,936.61 F
1-08-00	2,346.94	5-02-00	8,235.43 F	8-08-00	14,155.65 F	12-02-00	20,077.61 F
1-09-00	2,487.90	5-03-00	8,376.35 F	8-09-00	14,296.65 F	12-03-00	20,218.61 F
1-10-00	2,628.85	5-04-00	8,517.27 F	8-10-00	14,437.64 F	12-04-00	20,359.61 F
1-11-00	2,769.81	5-05-00	8,658.19 F	8-11-00	14,578.64 F	12-05-00	20,500.61 F
2-00-00	2,910.76	5-06-00	8,799.11 F	9-00-00	14,719.64 F	12-06-00	20,641.61 F
2-01-00	3,051.72	5-07-00	8,940.03 F	9-01-00	14,860.64 F	12-07-00	20,782.61 F
2-02-00	3,192.67	5-08-00	9,080.95 F	9-02-00	15,001.64 F	12-08-00	20,923.61 F
2-03-00	3,333.62	5-09-00	9,221.86 F	9-03-00	15,142.64 F	12-09-00	21,064.61 F
2-04-00	3,474.58	5-10-00	9,362.78 F	9-04-00	15,283.64 F	12-10-00	21,205.61 F
2-05-00	3,615.53	5-11-00	9,503.70 F	9-05-00	15,424.64 F	12-11-00	21,346.61 F
2-06-00	3,756.49	6-00-00	9,644.62 F	9-06-00	15,565.64 F	13-00-00	21,487.60 F
2-07-00	3,897.44	6-01-00	9,785.54 F	9-07-00	15,706.64 F	13-01-00	21,628.60 F
2-08-00	4,038.40	6-02-00	9,926.46 F	9-08-00	15,847.64 F	13-02-00	21,769.60 F
2-09-00	4,179.35	6-03-00	10,067.38 F	9-09-00	15,988.64 F	13-03-00	21,910.60 F
2-10-00	4,320.30	6-04-00	10,208.30 F	9-10-00	16,129.64 F	13-04-00	22,051.60 F
2-11-00	4,461.26	6-05-00	10,349.22 F	9-11-00	16,270.63 F	13-05-00	22,192.60 F
3-00-00	4,602.20 F	6-06-00	10,490.14 F	10-00-00	16,411.63 F	13-06-00	22,333.60 F
3-01-00	4,740.33 F	6-07-00	10,631.06 F	10-01-00	16,552.63 F	13-07-00	22,474.60 F
3-02-00	4,876.02 F	6-08-00	10,771.98 F	10-02-00	16,693.63 F	13-08-00	22,615.60 F
3-03-00	5,010.34 F	6-09-00	10,912.89 F	10-03-00	16,834.63 F	13-09-00	22,756.60 F
3-04-00	5,143.90 F	6-10-00	11,053.81 F	10-04-00	16,975.63 F	13-10-00	22,897.60 F
3-05-00	5,277.10 F	6-11-00	11,194.73 F	10-05-00	17,116.63 F	13-11-00	23,038.60 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 **080-028** Tank Type **F** Roof Weight **9,115** API **35.00** Gravity Correction **.18**
 Strapped By: **HMT** 4/8/2010 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	23,179.60 F	17-06-00	29,100.51 F	21-00-00	35,020.97 F	24-06-00	40,943.52 F
14-01-00	23,320.59 F	17-07-00	29,241.48 F	21-01-00	35,161.93 F	24-07-00	41,084.61 F
14-02-00	23,461.59 F	17-08-00	29,382.44 F	21-02-00	35,302.89 F	24-08-00	41,225.69 F
14-03-00	23,602.59 F	17-09-00	29,523.40 F	21-03-00	35,443.86 F	24-09-00	41,366.77 F
14-04-00	23,743.59 F	17-10-00	29,664.37 F	21-04-00	35,584.82 F	24-10-00	41,507.85 F
14-05-00	23,884.59 F	17-11-00	29,805.33 F	21-05-00	35,725.78 F	24-11-00	41,648.93 F
14-06-00	24,025.59 F	18-00-00	29,946.29 F	21-06-00	35,866.75 F	25-00-00	41,790.02 F
14-07-00	24,166.59 F	18-01-00	30,087.26 F	21-07-00	36,007.71 F	25-01-00	41,931.10 F
14-08-00	24,307.59 F	18-02-00	30,228.22 F	21-08-00	36,148.67 F	25-02-00	42,072.18 F
14-09-00	24,448.59 F	18-03-00	30,369.18 F	21-09-00	36,289.64 F	25-03-00	42,213.26 F
14-10-00	24,589.59 F	18-04-00	30,510.15 F	21-10-00	36,430.60 F	25-04-00	42,354.35 F
14-11-00	24,730.59 F	18-05-00	30,651.11 F	21-11-00	36,571.56 F	25-05-00	42,495.43 F
15-00-00	24,871.59 F	18-06-00	30,792.07 F	22-00-00	36,712.53 F	25-06-00	42,636.51 F
15-01-00	25,012.58 F	18-07-00	30,933.03 F	22-01-00	36,853.49 F	25-07-00	42,777.59 F
15-02-00	25,153.54 F	18-08-00	31,074.00 F	22-02-00	36,994.45 F	25-08-00	42,918.68 F
15-03-00	25,294.51 F	18-09-00	31,214.96 F	22-03-00	37,135.42 F	25-09-00	43,059.76 F
15-04-00	25,435.47 F	18-10-00	31,355.92 F	22-04-00	37,276.38 F	25-10-00	43,200.84 F
15-05-00	25,576.43 F	18-11-00	31,496.89 F	22-05-00	37,417.34 F	25-11-00	43,341.92 F
15-06-00	25,717.40 F	19-00-00	31,637.85 F	22-06-00	37,558.31 F	26-00-00	43,483.01 F
15-07-00	25,858.36 F	19-01-00	31,778.81 F	22-07-00	37,699.27 F	26-01-00	43,624.09 F
15-08-00	25,999.32 F	19-02-00	31,919.78 F	22-08-00	37,840.23 F	26-02-00	43,765.17 F
15-09-00	26,140.29 F	19-03-00	32,060.74 F	22-09-00	37,981.19 F	26-03-00	43,906.25 F
15-10-00	26,281.25 F	19-04-00	32,201.70 F	22-10-00	38,122.16 F	26-04-00	44,047.34 F
15-11-00	26,422.21 F	19-05-00	32,342.67 F	22-11-00	38,263.12 F	26-05-00	44,188.42 F
16-00-00	26,563.18 F	19-06-00	32,483.63 F	23-00-00	38,404.08 F	26-06-00	44,329.50 F
16-01-00	26,704.14 F	19-07-00	32,624.59 F	23-01-00	38,545.12 F	26-07-00	44,470.58 F
16-02-00	26,845.10 F	19-08-00	32,765.56 F	23-02-00	38,686.20 F	26-08-00	44,611.67 F
16-03-00	26,986.07 F	19-09-00	32,906.52 F	23-03-00	38,827.29 F	26-09-00	44,752.75 F
16-04-00	27,127.03 F	19-10-00	33,047.48 F	23-04-00	38,968.37 F	26-10-00	44,893.83 F
16-05-00	27,267.99 F	19-11-00	33,188.45 F	23-05-00	39,109.45 F	26-11-00	45,034.91 F
16-06-00	27,408.95 F	20-00-00	33,329.41 F	23-06-00	39,250.53 F	27-00-00	45,175.99 F
16-07-00	27,549.92 F	20-01-00	33,470.37 F	23-07-00	39,391.62 F	27-01-00	45,317.08 F
16-08-00	27,690.88 F	20-02-00	33,611.34 F	23-08-00	39,532.70 F	27-02-00	45,458.16 F
16-09-00	27,831.84 F	20-03-00	33,752.30 F	23-09-00	39,673.78 F	27-03-00	45,599.24 F
16-10-00	27,972.81 F	20-04-00	33,893.26 F	23-10-00	39,814.86 F	27-04-00	45,740.32 F
16-11-00	28,113.77 F	20-05-00	34,034.23 F	23-11-00	39,955.95 F	27-05-00	45,881.41 F
17-00-00	28,254.73 F	20-06-00	34,175.19 F	24-00-00	40,097.03 F	27-06-00	46,022.49 F
17-01-00	28,395.70 F	20-07-00	34,316.15 F	24-01-00	40,238.11 F	27-07-00	46,163.57 F
17-02-00	28,536.66 F	20-08-00	34,457.11 F	24-02-00	40,379.19 F	27-08-00	46,304.65 F
17-03-00	28,677.62 F	20-09-00	34,598.08 F	24-03-00	40,520.28 F	27-09-00	46,445.74 F
17-04-00	28,818.59 F	20-10-00	34,739.04 F	24-04-00	40,661.36 F	27-10-00	46,586.82 F
17-05-00	28,959.55 F	20-11-00	34,880.00 F	24-05-00	40,802.44 F	27-11-00	46,727.90 F

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BOLD DENOTES ROOF CRITICAL ZONE

Tank ID **080-028** Tank Type **F** Roof Weight **9,115** API **35.00** Gravity Correction **.18**
 Strapped By: **HMT** 4/8/2010 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	46,868.98 F	31-06-00	52,794.92 F	35-00-00	58,724.32 F	38-06-00	64,653.71 F
28-01-00	47,010.07 F	31-07-00	52,936.10 F	35-01-00	58,865.49 F	38-07-00	64,794.88 F
28-02-00	47,151.15 F	31-08-00	53,077.28 F	35-02-00	59,006.67 F	38-08-00	64,936.06 F
28-03-00	47,292.23 F	31-09-00	53,218.45 F	35-03-00	59,147.84 F	38-09-00	65,077.24 F
28-04-00	47,433.31 F	31-10-00	53,359.63 F	35-04-00	59,289.02 F	38-10-00	65,218.41 F
28-05-00	47,574.40 F	31-11-00	53,500.80 F	35-05-00	59,430.20 F	38-11-00	65,359.59 F
28-06-00	47,715.48 F	32-00-00	53,641.98 F	35-06-00	59,571.37 F	39-00-00	65,500.77 F
28-07-00	47,856.56 F	32-01-00	53,783.16 F	35-07-00	59,712.55 F	39-01-00	65,642.02 F
28-08-00	47,997.64 F	32-02-00	53,924.33 F	35-08-00	59,853.72 F	39-02-00	65,783.26 F
28-09-00	48,138.73 F	32-03-00	54,065.51 F	35-09-00	59,994.90 F	39-03-00	65,924.51 F
28-10-00	48,279.81 F	32-04-00	54,206.68 F	35-10-00	60,136.08 F	39-04-00	66,065.75 F
28-11-00	48,420.89 F	32-05-00	54,347.86 F	35-11-00	60,277.25 F	39-05-00	66,207.00 F
29-00-00	48,561.97 F	32-06-00	54,489.04 F	36-00-00	60,418.43 F	39-06-00	66,348.24 F
29-01-00	48,703.05 F	32-07-00	54,630.21 F	36-01-00	60,559.60 F	39-07-00	66,489.49 F
29-02-00	48,844.14 F	32-08-00	54,771.39 F	36-02-00	60,700.78 F	39-08-00	66,630.73 F
29-03-00	48,985.22 F	32-09-00	54,912.56 F	36-03-00	60,841.96 F	39-09-00	66,771.98 F
29-04-00	49,126.30 F	32-10-00	55,053.74 F	36-04-00	60,983.13 F	39-10-00	66,913.22 F
29-05-00	49,267.38 F	32-11-00	55,194.92 F	36-05-00	61,124.31 F	39-11-00	67,054.47 F
29-06-00	49,408.47 F	33-00-00	55,336.09 F	36-06-00	61,265.48 F	40-00-00	67,195.71 F
29-07-00	49,549.55 F	33-01-00	55,477.27 F	36-07-00	61,406.66 F	40-01-00	67,336.96 F
29-08-00	49,690.63 F	33-02-00	55,618.44 F	36-08-00	61,547.84 F	40-02-00	67,478.20 F
29-09-00	49,831.71 F	33-03-00	55,759.62 F	36-09-00	61,689.01 F	40-03-00	67,619.44 F
29-10-00	49,972.80 F	33-04-00	55,900.80 F	36-10-00	61,830.19 F	40-04-00	67,760.69 F
29-11-00	50,113.88 F	33-05-00	56,041.97 F	36-11-00	61,971.36 F	40-05-00	67,901.93 F
30-00-00	50,254.96 F	33-06-00	56,183.15 F	37-00-00	62,112.54 F	40-06-00	68,043.18 F
30-01-00	50,396.04 F	33-07-00	56,324.32 F	37-01-00	62,253.72 F	40-07-00	68,184.42 F
30-02-00	50,537.13 F	33-08-00	56,465.50 F	37-02-00	62,394.89 F	40-08-00	68,325.67 F
30-03-00	50,678.21 F	33-09-00	56,606.68 F	37-03-00	62,536.07 F	40-09-00	68,466.91 F
30-04-00	50,819.29 F	33-10-00	56,747.85 F	37-04-00	62,677.24 F	40-10-00	68,608.16 F
30-05-00	50,960.37 F	33-11-00	56,889.03 F	37-05-00	62,818.42 F	40-11-00	68,749.40 F
30-06-00	51,101.46 F	34-00-00	57,030.20 F	37-06-00	62,959.60 F	41-00-00	68,890.65 F
30-07-00	51,242.54 F	34-01-00	57,171.38 F	37-07-00	63,100.77 F	41-01-00	69,031.89 F
30-08-00	51,383.62 F	34-02-00	57,312.56 F	37-08-00	63,241.95 F	41-02-00	69,173.14 F
30-09-00	51,524.70 F	34-03-00	57,453.73 F	37-09-00	63,383.12 F	41-03-00	69,314.38 F
30-10-00	51,665.79 F	34-04-00	57,594.91 F	37-10-00	63,524.30 F	41-04-00	69,455.63 F
30-11-00	51,806.87 F	34-05-00	57,736.08 F	37-11-00	63,665.48 F	41-05-00	69,596.87 F
31-00-00	51,947.95 F	34-06-00	57,877.26 F	38-00-00	63,806.65 F	41-06-00	69,738.12 F
31-01-00	52,089.04 F	34-07-00	58,018.44 F	38-01-00	63,947.83 F	41-07-00	69,879.36 F
31-02-00	52,230.22 F	34-08-00	58,159.61 F	38-02-00	64,089.00 F	41-08-00	70,020.61 F
31-03-00	52,371.40 F	34-09-00	58,300.79 F	38-03-00	64,230.18 F	41-09-00	70,161.85 F
31-04-00	52,512.57 F	34-10-00	58,441.96 F	38-04-00	64,371.36 F	41-10-00	70,303.10 F
31-05-00	52,653.75 F	34-11-00	58,583.14 F	38-05-00	64,512.53 F	41-11-00	70,444.34 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 **080-028** Tank Type **F** Roof Weight **9,115** API **35.00** Gravity Correction **.18**
 Strapped By: HMT 4/8/2010 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	70,585.59 F	45-06-00	76,517.87 F				
42-01-00	70,726.83 F	45-07-00	76,659.11 F				
42-02-00	70,868.08 F	45-08-00	76,800.36 F				
42-03-00	71,009.32 F	45-09-00	76,941.60 F				
42-04-00	71,150.56 F	45-10-00	77,082.85 F				
42-05-00	71,291.81 F	45-11-00	77,224.09 F				
42-06-00	71,433.05 F	46-00-00	77,365.34 F				
42-07-00	71,574.30 F	46-01-00	77,506.58 F				
42-08-00	71,715.54 F	46-02-00	77,647.83 F				
42-09-00	71,856.79 F	46-03-00	77,789.07 F				
42-10-00	71,998.03 F	46-04-00	77,930.32 F				
42-11-00	72,139.28 F	46-05-00	78,071.56 F				
43-00-00	72,280.52 F	46-06-00	78,212.80 F				
43-01-00	72,421.77 F	46-07-00	78,354.05 F				
43-02-00	72,563.01 F	46-08-00	78,495.29 F				
43-03-00	72,704.26 F	46-09-00	78,636.54 F				
43-04-00	72,845.50 F	46-10-00	78,777.78 F				
43-05-00	72,986.75 F	46-11-00	78,919.03 F				
43-06-00	73,127.99 F	47-00-00	79,060.27 F				
43-07-00	73,269.24 F	47-01-00	79,201.52 F				
43-08-00	73,410.48 F	47-02-00	79,342.76 F				
43-09-00	73,551.73 F	47-03-00	79,484.01 F				
43-10-00	73,692.97 F	47-04-00	79,625.25 F				
43-11-00	73,834.22 F						
44-00-00	73,975.46 F						
44-01-00	74,116.71 F						
44-02-00	74,257.95 F						
44-03-00	74,399.20 F						
44-04-00	74,540.44 F						
44-05-00	74,681.68 F						
44-06-00	74,822.93 F						
44-07-00	74,964.17 F						
44-08-00	75,105.42 F						
44-09-00	75,246.66 F						
44-10-00	75,387.91 F						
44-11-00	75,529.15 F						
45-00-00	75,670.40 F						
45-01-00	75,811.64 F						
45-02-00	75,952.89 F						
45-03-00	76,094.13 F						
45-04-00	76,235.38 F						
45-05-00	76,376.62 F						

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

BOLD DENOTES ROOF CRITICAL ZONE