

Tank ID **012-020** Tank Type **F** Roof Weight **1,980** API **25.00** Gravity Correction **.04**
 Strapped By: **HMT** 12/22/2009 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	5.01	3-06-00	865.54	7-00-00	1,742.19 F	10-06-00	2,625.60 F
0-01-00	14.87	3-07-00	886.56	7-01-00	1,763.21 F	10-07-00	2,646.63 F
0-02-00	29.60	3-08-00	907.58 F	7-02-00	1,784.23 F	10-08-00	2,667.67 F
0-03-00	47.70	3-09-00	928.28 F	7-03-00	1,805.25 F	10-09-00	2,688.71 F
0-04-00	66.85	3-10-00	948.41 F	7-04-00	1,826.27 F	10-10-00	2,709.75 F
0-05-00	87.66	3-11-00	968.18 F	7-05-00	1,847.29 F	10-11-00	2,730.79 F
0-06-00	108.68	4-00-00	987.75 F	7-06-00	1,868.32 F	11-00-00	2,751.83 F
0-07-00	129.70	4-01-00	1,007.22 F	7-07-00	1,889.34 F	11-01-00	2,772.86 F
0-08-00	150.72	4-02-00	1,027.45 F	7-08-00	1,910.36 F	11-02-00	2,793.90 F
0-09-00	171.72	4-03-00	1,048.47 F	7-09-00	1,931.38 F	11-03-00	2,814.94 F
0-10-00	192.73	4-04-00	1,069.50 F	7-10-00	1,952.40 F	11-04-00	2,835.98 F
0-11-00	213.71	4-05-00	1,090.52 F	7-11-00	1,973.42 F	11-05-00	2,857.02 F
1-00-00	234.68	4-06-00	1,111.54 F	8-00-00	1,994.45 F	11-06-00	2,878.06 F
1-01-00	255.66	4-07-00	1,132.56 F	8-01-00	2,015.48 F	11-07-00	2,899.10 F
1-02-00	276.64	4-08-00	1,153.58 F	8-02-00	2,036.52 F	11-08-00	2,920.13 F
1-03-00	297.65	4-09-00	1,174.60 F	8-03-00	2,057.56 F	11-09-00	2,941.17 F
1-04-00	318.66	4-10-00	1,195.63 F	8-04-00	2,078.60 F	11-10-00	2,962.21 F
1-05-00	339.68	4-11-00	1,216.65 F	8-05-00	2,099.64 F	11-11-00	2,983.25 F
1-06-00	360.72	5-00-00	1,237.67 F	8-06-00	2,120.67 F	12-00-00	3,004.29 F
1-07-00	381.75	5-01-00	1,258.69 F	8-07-00	2,141.71 F	12-01-00	3,025.33 F
1-08-00	402.78	5-02-00	1,279.71 F	8-08-00	2,162.75 F	12-02-00	3,046.36 F
1-09-00	423.82	5-03-00	1,300.73 F	8-09-00	2,183.79 F	12-03-00	3,067.40 F
1-10-00	444.85	5-04-00	1,321.75 F	8-10-00	2,204.83 F	12-04-00	3,088.44 F
1-11-00	465.89	5-05-00	1,342.78 F	8-11-00	2,225.87 F	12-05-00	3,109.48 F
2-00-00	486.92	5-06-00	1,363.80 F	9-00-00	2,246.90 F	12-06-00	3,130.52 F
2-01-00	507.96	5-07-00	1,384.82 F	9-01-00	2,267.94 F	12-07-00	3,151.56 F
2-02-00	528.99	5-08-00	1,405.84 F	9-02-00	2,288.98 F	12-08-00	3,172.59 F
2-03-00	550.03	5-09-00	1,426.86 F	9-03-00	2,310.02 F	12-09-00	3,193.63 F
2-04-00	571.06	5-10-00	1,447.88 F	9-04-00	2,331.06 F	12-10-00	3,214.67 F
2-05-00	592.10	5-11-00	1,468.91 F	9-05-00	2,352.10 F	12-11-00	3,235.71 F
2-06-00	613.13	6-00-00	1,489.93 F	9-06-00	2,373.14 F	13-00-00	3,256.75 F
2-07-00	634.17	6-01-00	1,510.95 F	9-07-00	2,394.17 F	13-01-00	3,277.79 F
2-08-00	655.20	6-02-00	1,531.97 F	9-08-00	2,415.21 F	13-02-00	3,298.82 F
2-09-00	676.24	6-03-00	1,552.99 F	9-09-00	2,436.25 F	13-03-00	3,319.86 F
2-10-00	697.28	6-04-00	1,574.01 F	9-10-00	2,457.29 F	13-04-00	3,340.90 F
2-11-00	718.31	6-05-00	1,595.04 F	9-11-00	2,478.33 F	13-05-00	3,361.94 F
3-00-00	739.35	6-06-00	1,616.06 F	10-00-00	2,499.37 F	13-06-00	3,382.98 F
3-01-00	760.38	6-07-00	1,637.08 F	10-01-00	2,520.40 F	13-07-00	3,404.02 F
3-02-00	781.42	6-08-00	1,658.10 F	10-02-00	2,541.44 F	13-08-00	3,425.06 F
3-03-00	802.45	6-09-00	1,679.12 F	10-03-00	2,562.48 F	13-09-00	3,446.09 F
3-04-00	823.49	6-10-00	1,700.14 F	10-04-00	2,583.52 F	13-10-00	3,467.13 F
3-05-00	844.52	6-11-00	1,721.17 F	10-05-00	2,604.56 F	13-11-00	3,488.17 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 **012-020** Tank Type **F** Roof Weight **1,980** API **25.00** Gravity Correction **.04**
 Strapped By: HMT 12/22/2009 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	3,509.21 F	17-06-00	4,392.98 F	21-00-00	5,276.96 F	24-06-00	6,160.92 F
14-01-00	3,530.25 F	17-07-00	4,414.03 F	21-01-00	5,298.01 F	24-07-00	6,181.97 F
14-02-00	3,551.29 F	17-08-00	4,435.07 F	21-02-00	5,319.06 F	24-08-00	6,203.01 F
14-03-00	3,572.32 F	17-09-00	4,456.12 F	21-03-00	5,340.10 F	24-09-00	6,224.06 F
14-04-00	3,593.36 F	17-10-00	4,477.17 F	21-04-00	5,361.15 F	24-10-00	6,245.10 F
14-05-00	3,614.40 F	17-11-00	4,498.21 F	21-05-00	5,382.20 F	24-11-00	6,266.14 F
14-06-00	3,635.44 F	18-00-00	4,519.26 F	21-06-00	5,403.24 F	25-00-00	6,287.19 F
14-07-00	3,656.48 F	18-01-00	4,540.31 F	21-07-00	5,424.29 F	25-01-00	6,308.23 F
14-08-00	3,677.52 F	18-02-00	4,561.36 F	21-08-00	5,445.34 F	25-02-00	6,329.28 F
14-09-00	3,698.55 F	18-03-00	4,582.40 F	21-09-00	5,466.39 F	25-03-00	6,350.32 F
14-10-00	3,719.59 F	18-04-00	4,603.45 F	21-10-00	5,487.43 F	25-04-00	6,371.36 F
14-11-00	3,740.63 F	18-05-00	4,624.50 F	21-11-00	5,508.48 F	25-05-00	6,392.41 F
15-00-00	3,761.67 F	18-06-00	4,645.55 F	22-00-00	5,529.53 F	25-06-00	6,413.45 F
15-01-00	3,782.71 F	18-07-00	4,666.59 F	22-01-00	5,550.57 F	25-07-00	6,434.50 F
15-02-00	3,803.75 F	18-08-00	4,687.64 F	22-02-00	5,571.62 F	25-08-00	6,455.54 F
15-03-00	3,824.78 F	18-09-00	4,708.69 F	22-03-00	5,592.67 F	25-09-00	6,476.58 F
15-04-00	3,845.82 F	18-10-00	4,729.73 F	22-04-00	5,613.72 F	25-10-00	6,497.63 F
15-05-00	3,866.86 F	18-11-00	4,750.78 F	22-05-00	5,634.76 F	25-11-00	6,518.67 F
15-06-00	3,887.90 F	19-00-00	4,771.83 F	22-06-00	5,655.81 F	26-00-00	6,539.72 F
15-07-00	3,908.94 F	19-01-00	4,792.88 F	22-07-00	5,676.86 F	26-01-00	6,560.76 F
15-08-00	3,929.98 F	19-02-00	4,813.92 F	22-08-00	5,697.91 F	26-02-00	6,581.80 F
15-09-00	3,951.02 F	19-03-00	4,834.97 F	22-09-00	5,718.95 F	26-03-00	6,602.85 F
15-10-00	3,972.05 F	19-04-00	4,856.02 F	22-10-00	5,740.00 F	26-04-00	6,623.89 F
15-11-00	3,993.09 F	19-05-00	4,877.06 F	22-11-00	5,761.05 F	26-05-00	6,644.94 F
16-00-00	4,014.13 F	19-06-00	4,898.11 F	23-00-00	5,782.09 F	26-06-00	6,665.98 F
16-01-00	4,035.18 F	19-07-00	4,919.16 F	23-01-00	5,803.14 F	26-07-00	6,687.02 F
16-02-00	4,056.22 F	19-08-00	4,940.21 F	23-02-00	5,824.19 F	26-08-00	6,708.07 F
16-03-00	4,077.27 F	19-09-00	4,961.25 F	23-03-00	5,845.24 F	26-09-00	6,729.11 F
16-04-00	4,098.32 F	19-10-00	4,982.30 F	23-04-00	5,866.28 F	26-10-00	6,750.16 F
16-05-00	4,119.37 F	19-11-00	5,003.35 F	23-05-00	5,887.33 F	26-11-00	6,771.20 F
16-06-00	4,140.41 F	20-00-00	5,024.39 F	23-06-00	5,908.38 F	27-00-00	6,792.24 F
16-07-00	4,161.46 F	20-01-00	5,045.44 F	23-07-00	5,929.42 F	27-01-00	6,813.29 F
16-08-00	4,182.51 F	20-02-00	5,066.49 F	23-08-00	5,950.47 F	27-02-00	6,834.33 F
16-09-00	4,203.55 F	20-03-00	5,087.54 F	23-09-00	5,971.52 F	27-03-00	6,855.38 F
16-10-00	4,224.60 F	20-04-00	5,108.58 F	23-10-00	5,992.57 F	27-04-00	6,876.42 F
16-11-00	4,245.65 F	20-05-00	5,129.63 F	23-11-00	6,013.61 F	27-05-00	6,897.46 F
17-00-00	4,266.70 F	20-06-00	5,150.68 F	24-00-00	6,034.66 F	27-06-00	6,918.51 F
17-01-00	4,287.74 F	20-07-00	5,171.73 F	24-01-00	6,055.70 F	27-07-00	6,939.55 F
17-02-00	4,308.79 F	20-08-00	5,192.77 F	24-02-00	6,076.75 F	27-08-00	6,960.60 F
17-03-00	4,329.84 F	20-09-00	5,213.82 F	24-03-00	6,097.79 F	27-09-00	6,981.64 F
17-04-00	4,350.88 F	20-10-00	5,234.87 F	24-04-00	6,118.84 F	27-10-00	7,002.68 F
17-05-00	4,371.93 F	20-11-00	5,255.91 F	24-05-00	6,139.88 F	27-11-00	7,023.73 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 **012-020** Tank Type **F** Roof Weight **1,980** API **25.00** Gravity Correction **.04**
 Strapped By: **HMT** 12/22/2009 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	7,044.77 F	31-06-00	7,928.62 F	35-00-00	8,812.81 F	38-06-00	9,697.06 F
28-01-00	7,065.82 F	31-07-00	7,949.66 F	35-01-00	8,833.87 F	38-07-00	9,718.12 F
28-02-00	7,086.86 F	31-08-00	7,970.71 F	35-02-00	8,854.92 F	38-08-00	9,739.17 F
28-03-00	7,107.90 F	31-09-00	7,991.75 F	35-03-00	8,875.97 F	38-09-00	9,760.23 F
28-04-00	7,128.95 F	31-10-00	8,012.80 F	35-04-00	8,897.03 F	38-10-00	9,781.28 F
28-05-00	7,149.99 F	31-11-00	8,033.84 F	35-05-00	8,918.08 F	38-11-00	9,802.33 F
28-06-00	7,171.04 F	32-00-00	8,054.88 F	35-06-00	8,939.13 F	39-00-00	9,823.39 F
28-07-00	7,192.08 F	32-01-00	8,075.94 F	35-07-00	8,960.19 F	39-01-00	9,844.44 F
28-08-00	7,213.12 F	32-02-00	8,096.99 F	35-08-00	8,981.24 F	39-02-00	9,865.49 F
28-09-00	7,234.17 F	32-03-00	8,118.04 F	35-09-00	9,002.30 F	39-03-00	9,886.55 F
28-10-00	7,255.21 F	32-04-00	8,139.10 F	35-10-00	9,023.35 F	39-04-00	9,907.60 F
28-11-00	7,276.26 F	32-05-00	8,160.15 F	35-11-00	9,044.40 F	39-05-00	9,928.65 F
29-00-00	7,297.30 F	32-06-00	8,181.21 F	36-00-00	9,065.46 F	39-06-00	9,949.71 F
29-01-00	7,318.34 F	32-07-00	8,202.26 F	36-01-00	9,086.51 F	39-07-00	9,970.76 F
29-02-00	7,339.39 F	32-08-00	8,223.31 F	36-02-00	9,107.56 F	39-08-00	9,991.81 F
29-03-00	7,360.43 F	32-09-00	8,244.37 F	36-03-00	9,128.62 F	39-09-00	10,012.87 F
29-04-00	7,381.48 F	32-10-00	8,265.42 F	36-04-00	9,149.67 F	39-10-00	10,033.92 F
29-05-00	7,402.52 F	32-11-00	8,286.47 F	36-05-00	9,170.72 F	39-11-00	10,054.98 F
29-06-00	7,423.56 F	33-00-00	8,307.53 F	36-06-00	9,191.78 F	40-00-00	10,076.03 F
29-07-00	7,444.61 F	33-01-00	8,328.58 F	36-07-00	9,212.83 F	40-01-00	10,097.07 F
29-08-00	7,465.65 F	33-02-00	8,349.63 F	36-08-00	9,233.89 F	40-02-00	10,118.11 F
29-09-00	7,486.70 F	33-03-00	8,370.69 F	36-09-00	9,254.94 F	40-03-00	10,139.15 F
29-10-00	7,507.74 F	33-04-00	8,391.74 F	36-10-00	9,275.99 F	40-04-00	10,160.19 F
29-11-00	7,528.78 F	33-05-00	8,412.79 F	36-11-00	9,297.05 F	40-05-00	10,181.23 F
30-00-00	7,549.83 F	33-06-00	8,433.85 F	37-00-00	9,318.10 F	40-06-00	10,202.27 F
30-01-00	7,570.87 F	33-07-00	8,454.90 F	37-01-00	9,339.15 F	40-07-00	10,223.31 F
30-02-00	7,591.92 F	33-08-00	8,475.96 F	37-02-00	9,360.21 F	40-08-00	10,244.35 F
30-03-00	7,612.96 F	33-09-00	8,497.01 F	37-03-00	9,381.26 F	40-09-00	10,265.39 F
30-04-00	7,634.00 F	33-10-00	8,518.06 F	37-04-00	9,402.31 F	40-10-00	10,286.43 F
30-05-00	7,655.05 F	33-11-00	8,539.12 F	37-05-00	9,423.37 F	40-11-00	10,307.47 F
30-06-00	7,676.09 F	34-00-00	8,560.17 F	37-06-00	9,444.42 F	41-00-00	10,328.51 F
30-07-00	7,697.14 F	34-01-00	8,581.22 F	37-07-00	9,465.47 F	41-01-00	10,349.55 F
30-08-00	7,718.18 F	34-02-00	8,602.28 F	37-08-00	9,486.53 F	41-02-00	10,370.59 F
30-09-00	7,739.22 F	34-03-00	8,623.33 F	37-09-00	9,507.58 F	41-03-00	10,391.63 F
30-10-00	7,760.27 F	34-04-00	8,644.38 F	37-10-00	9,528.64 F	41-04-00	10,412.67 F
30-11-00	7,781.31 F	34-05-00	8,665.44 F	37-11-00	9,549.69 F	41-05-00	10,433.71 F
31-00-00	7,802.36 F	34-06-00	8,686.49 F	38-00-00	9,570.74 F	41-06-00	10,454.75 F
31-01-00	7,823.40 F	34-07-00	8,707.55 F	38-01-00	9,591.80 F	41-07-00	10,475.79 F
31-02-00	7,844.44 F	34-08-00	8,728.60 F	38-02-00	9,612.85 F	41-08-00	10,496.83 F
31-03-00	7,865.49 F	34-09-00	8,749.65 F	38-03-00	9,633.90 F	41-09-00	10,517.87 F
31-04-00	7,886.53 F	34-10-00	8,770.71 F	38-04-00	9,654.96 F	41-10-00	10,538.91 F
31-05-00	7,907.58 F	34-11-00	8,791.76 F	38-05-00	9,676.01 F	41-11-00	10,559.95 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 **012-020** Tank Type **F** Roof Weight **1,980** API **25.00** Gravity Correction **.04**
 Strapped By: HMT 12/22/2009 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	10,580.99 F	45-06-00	11,464.67 F				
42-01-00	10,602.03 F	45-07-00	11,485.71 F				
42-02-00	10,623.07 F	45-08-00	11,506.75 F				
42-03-00	10,644.11 F	45-09-00	11,527.79 F				
42-04-00	10,665.15 F	45-10-00	11,548.83 F				
42-05-00	10,686.19 F	45-11-00	11,569.87 F				
42-06-00	10,707.23 F	46-00-00	11,590.91 F				
42-07-00	10,728.27 F	46-01-00	11,611.95 F				
42-08-00	10,749.31 F	46-02-00	11,632.99 F				
42-09-00	10,770.35 F	46-03-00	11,654.03 F				
42-10-00	10,791.39 F	46-04-00	11,675.07 F				
42-11-00	10,812.43 F	46-05-00	11,696.11 F				
43-00-00	10,833.47 F	46-06-00	11,717.15 F				
43-01-00	10,854.51 F	46-07-00	11,738.19 F				
43-02-00	10,875.55 F	46-08-00	11,759.23 F				
43-03-00	10,896.59 F	46-09-00	11,780.27 F				
43-04-00	10,917.63 F	46-10-00	11,801.31 F				
43-05-00	10,938.67 F	46-11-00	11,822.35 F				
43-06-00	10,959.71 F	47-00-00	11,843.39 F				
43-07-00	10,980.75 F	47-01-00	11,864.43 F				
43-08-00	11,001.79 F	47-02-00	11,885.47 F				
43-09-00	11,022.83 F	47-03-00	11,906.51 F				
43-10-00	11,043.87 F	47-04-00	11,927.55 F				
43-11-00	11,064.91 F	47-05-00	11,948.59 F				
44-00-00	11,085.95 F	47-06-00	11,969.63 F				
44-01-00	11,106.99 F	47-07-00	11,990.67 F				
44-02-00	11,128.03 F	47-08-00	12,011.71 F				
44-03-00	11,149.07 F	47-09-00	12,032.75 F				
44-04-00	11,170.11 F	47-10-00	12,053.79 F				
44-05-00	11,191.15 F	47-11-00	12,074.83 F				
44-06-00	11,212.19 F	48-00-00	12,095.87 F				
44-07-00	11,233.23 F	48-01-00	12,116.91 F				
44-08-00	11,254.27 F	48-02-00	12,137.95 F				
44-09-00	11,275.31 F	48-03-00	12,158.99 F				
44-10-00	11,296.35 F						
44-11-00	11,317.39 F						
45-00-00	11,338.43 F						
45-01-00	11,359.47 F						
45-02-00	11,380.51 F						
45-03-00	11,401.55 F						
45-04-00	11,422.59 F						
45-05-00	11,443.63 F						

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

BOLD DENOTES ROOF CRITICAL ZONE