



INSPECTORATE
ISO 9001: 2000

BARGE "MPC-632"
MARATHON PETROLEUM CORP.
INNAGE TABLE

1 PORT OR STAR

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 2169-5

	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.
0	15.36	325.19	679.63	1,037.09	1,394.54	1,752.00	2,109.46	2,466.91	2,824.37	3,181.82	3,539.28	3,896.74	4,254.19	4,611.65	4,969.10
1/4	19.57	333.35	687.08	1,044.54	1,401.99	1,759.45	2,116.90	2,474.36	2,831.81	3,189.27	3,546.73	3,904.18	4,261.64	4,619.10	4,976.55
1/2	23.78	340.50	694.53	1,051.98	1,409.44	1,766.89	2,124.35	2,481.81	2,839.26	3,196.72	3,554.17	3,911.63	4,269.09	4,626.54	4,984.00
3/4	27.99	347.66	701.97	1,058.93	1,416.58	1,773.94	2,131.80	2,489.25	2,846.71	3,204.17	3,561.62	3,919.08	4,276.53	4,633.99	4,991.45
1	32.20	354.81	709.42	1,066.88	1,424.33	1,781.79	2,139.24	2,496.70	2,854.16	3,211.61	3,569.07	3,926.52	4,283.98	4,641.44	4,998.89
1/4	37.88	361.97	716.87	1,074.32	1,431.78	1,789.23	2,146.69	2,504.15	2,861.60	3,219.06	3,576.52	3,933.97	4,291.43	4,648.89	5,005.74
1/2	43.55	369.12	724.31	1,081.77	1,439.23	1,796.68	2,154.14	2,511.59	2,869.04	3,226.51	3,583.96	3,941.42	4,298.87	4,656.33	5,012.58
3/4	49.23	376.28	731.76	1,089.22	1,446.67	1,804.13	2,161.58	2,519.03	2,876.49	3,233.95	3,591.41	3,948.87	4,306.32	4,663.78	5,019.42
1	54.90	383.43	739.21	1,096.66	1,454.12	1,811.58	2,169.03	2,526.49	2,883.94	3,241.40	3,598.86	3,956.31	4,313.77	4,671.22	5,026.27
1/4	61.44	390.71	746.66	1,104.11	1,461.57	1,819.02	2,176.52	2,533.93	2,891.39	3,248.85	3,606.30	3,963.76	4,321.22	4,678.67	5,033.87
1/2	67.87	397.99	754.10	1,111.56	1,469.01	1,826.47	2,183.93	2,541.38	2,898.84	3,256.31	3,613.75	3,971.21	4,328.66	4,686.12	5,041.37
3/4	74.50	405.27	761.55	1,119.01	1,476.51	1,833.92	2,191.37	2,548.83	2,906.33	3,263.74	3,621.20	3,978.65	4,336.11	4,693.57	5,048.67
1	81.04	412.55	769.00	1,126.45	1,483.91	1,841.36	2,198.82	2,556.28	2,913.79	3,271.19	3,628.64	3,985.61	4,343.56	4,701.01	5,056.07
1/4	87.57	419.83	776.44	1,133.90	1,491.35	1,848.81	2,206.31	2,563.72	2,921.18	3,278.64	3,636.09	3,993.55	4,351.00	4,708.46	5,053.02
1/2	94.10	427.11	783.89	1,141.35	1,498.80	1,856.26	2,213.75	2,571.17	2,928.63	3,286.08	3,643.54	4,000.99	4,358.45	4,715.91	5,057.38
3/4	100.64	434.39	791.34	1,148.79	1,506.25	1,863.70	2,221.16	2,579.62	2,936.07	3,293.53	3,650.99	4,008.44	4,365.90	4,723.35	5,061.74
1	107.17	441.67	798.78	1,156.24	1,513.70	1,871.15	2,228.59	2,588.06	2,943.52	3,300.98	3,658.43	4,015.89	4,373.34	4,730.80	5,068.09
1/4	113.83	448.98	806.23	1,163.69	1,521.14	1,878.60	2,236.05	2,595.51	2,950.97	3,308.42	3,665.88	4,023.34	4,380.79	4,738.25	5,069.20
1/2	120.48	456.48	813.68	1,171.13	1,528.59	1,886.05	2,243.50	2,603.00	2,958.41	3,315.87	3,673.33	4,030.78	4,388.24	4,745.69	5,072.31
3/4	127.14	463.88	821.13	1,178.58	1,536.04	1,893.49	2,250.95	2,610.44	2,965.86	3,323.32	3,680.77	4,038.23	4,395.69	4,753.14	5,075.43
1	133.80	471.29	828.57	1,186.03	1,543.48	1,900.94	2,258.40	2,617.95	2,973.31	3,330.76	3,688.22	4,045.68	4,403.13	4,760.59	5,078.54
1/4	140.46	478.69	836.02	1,193.48	1,550.93	1,908.39	2,265.84	2,625.40	2,980.76	3,338.21	3,695.67	4,053.12	4,410.58	4,768.04	5,080.40
1/2	147.12	486.10	843.47	1,200.92	1,558.38	1,915.83	2,273.29	2,632.85	2,987.61	3,345.66	3,703.11	4,060.57	4,418.03	4,775.48	5,082.27
3/4	153.77	493.50	850.91	1,208.37	1,565.82	1,923.27	2,280.74	2,640.34	2,995.55	3,353.11	3,710.56	4,068.02	4,425.47	4,782.93	5,084.14
1	160.43	500.90	858.36	1,215.82	1,573.27	1,930.73	2,288.18	2,647.84	3,003.10	3,360.55	3,718.01	4,075.46	4,432.92	4,790.38	5,086.00
1/4	167.21	508.35	865.81	1,223.26	1,580.72	1,938.17	2,295.63	2,655.09	3,010.54	3,368.00	3,725.46	4,082.91	4,440.37	4,797.82	5,086.63
1/2	174.00	515.80	873.25	1,230.71	1,588.17	1,945.62	2,303.08	2,662.53	3,017.99	3,375.45	3,732.90	4,090.36	4,447.81	4,805.27	5,087.25
3/4	180.78	523.25	880.70	1,238.16	1,595.61	1,953.07	2,310.52	2,669.98	3,025.44	3,382.89	3,740.35	4,097.81	4,455.25	4,812.72	5,087.87
1	187.56	530.69	888.15	1,245.60	1,603.05	1,960.52	2,317.97	2,677.43	3,032.88	3,390.34	3,747.80	4,105.25	4,462.71	4,820.16	5,088.49
1/4	194.34	538.15	895.60	1,253.05	1,610.51	1,967.96	2,325.42	2,684.87	3,040.33	3,397.79	3,755.24	4,112.70	4,470.16	4,827.61	5,089.10
1/2	201.12	545.60	903.04	1,260.50	1,617.95	1,975.41	2,332.87	2,692.32	3,047.78	3,405.23	3,762.69	4,120.15	4,477.60	4,835.06	5,089.71
3/4	207.91	553.03	910.49	1,267.95	1,625.40	1,982.86	2,340.31	2,699.77	3,055.23	3,412.68	3,770.14	4,127.59	4,485.05	4,842.51	5,090.32
1	214.69	560.48	917.94	1,275.39	1,632.85	1,990.30	2,347.76	2,707.22	3,062.67	3,420.13	3,777.59	4,135.04	4,492.50	4,849.95	5,090.93
1/4	221.48	567.93	925.38	1,282.84	1,640.29	1,997.75	2,355.21	2,714.66	3,070.12	3,427.58	3,785.03	4,142.49	4,499.94	4,857.40	5,091.54
1/2	228.26	575.37	932.83	1,290.29	1,647.74	2,005.20	2,362.65	2,722.11	3,077.57	3,435.02	3,792.48	4,149.93	4,507.39	4,864.85	5,092.15
3/4	235.05	582.82	940.28	1,297.73	1,655.19	2,012.64	2,370.10	2,729.60	3,085.01	3,442.47	3,799.93	4,157.38	4,514.84	4,872.29	5,092.76
1	241.83	590.26	947.73	1,305.18	1,662.64	2,020.09	2,377.55	2,736.50	3,092.46	3,449.92	3,807.37	4,164.83	4,522.28	4,879.74	5,093.37
1/4	248.62	597.71	955.17	1,312.63	1,670.08	2,027.54	2,384.99	2,743.45	3,099.91	3,457.36	3,814.82	4,172.28	4,529.73	4,887.19	5,093.98
1/2	255.40	605.16	962.62	1,320.07	1,677.53	2,034.99	2,392.48	2,750.39	3,107.35	3,464.81	3,821.77	4,179.72	4,537.18	4,894.63	5,094.59
3/4	262.19	612.61	970.07	1,327.52	1,684.98	2,042.43	2,399.93	2,757.34	3,114.80	3,472.26	3,829.71	4,187.17	4,544.63	4,902.08	5,095.20
1	268.94	620.06	977.51	1,334.97	1,692.42	2,049.48	2,407.34	2,764.29	3,122.25	3,479.70	3,837.16	4,194.62	4,552.07	4,909.53	5,095.81
1/4	275.68	627.50	984.96	1,342.42	1,699.87	2,056.93	2,414.78	2,771.24	3,129.70	3,487.15	3,844.61	4,202.06	4,559.52	4,916.98	5,096.42
1/2	282.43	634.95	992.41	1,349.86	1,707.32	2,064.77	2,421.73	2,778.69	3,137.14	3,494.60	3,852.05	4,209.51	4,566.97	4,924.42	5,097.03
3/4	289.18	642.40	999.86	1,357.31	1,714.76	2,072.22	2,428.68	2,785.13	3,144.59	3,501.49	3,859.50	4,216.96	4,574.41	4,931.87	5,097.64
1	295.93	649.84	1,007.30	1,364.76	1,722.21	2,079.67	2,436.12	2,792.68	3,152.04	3,508.95	3,866.95	4,224.40	4,581.86	4,939.32	5,098.25
1/4	302.68	657.29	1,014.75	1,372.20	1,729.66	2,087.11	2,443.57	2,800.47	3,159.48	3,516.94	3,874.40	4,231.85	4,588.31	4,946.76	5,098.86
1/2	309.43	664.74	1,022.19	1,379.65	1,737.11	2,094.56	2,452.02	2,807.97	3,166.93	3,524.39	3,881.84	4,239.30	4,595.75	4,954.21	5,099.47
3/4	316.18	672.19	1,029.64	1,387.10	1,744.55	2,102.01	2,459.46	2,816.92	3,174.38	3,531.83	3,889.29	4,246.75	4,604.20	4,961.66	5,100.08

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 41408

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT 15'-6 3/4" (TO RIM OF 2" DIAMETER BALL VALVE
LOCATED NEAR CENTER OF TANK)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE
IN ACCORDANCE WITH APPLICABLE API STANDARDS AND
ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE

S. Amant
INSPECTORATE AMERICA CORPORATION



INSPECTORATE

ISO 9001: 2000

BARGE "MPC-632" **MARATHON PETROLEUM CORP.**

INNAGE TABLE

3 PORT OR STAR

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 2169-5

	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.
0	15.21	359.06	717.90	1,076.75	1,435.60	1,794.45	2,153.30	2,512.14	2,870.99	3,229.84	3,588.69	3,947.54	4,306.39	4,665.24	5,024.09
1	19.88	366.53	725.38	1,084.23	1,443.08	1,801.92	2,160.77	2,519.62	2,878.47	3,237.32	3,596.17	3,955.02	4,313.87	4,672.72	5,031.57
2	24.55	374.01	732.86	1,091.70	1,450.55	1,809.40	2,168.25	2,527.10	2,885.94	3,244.79	3,603.64	3,962.49	4,321.34	4,680.19	5,039.04
3	29.21	381.48	740.33	1,099.18	1,458.03	1,816.88	2,175.72	2,534.57	2,893.42	3,252.27	3,611.12	3,969.97	4,328.82	4,687.67	5,046.52
4	33.88	388.96	747.81	1,106.66	1,465.50	1,824.35	2,183.20	2,542.05	2,900.90	3,259.74	3,618.59	3,977.44	4,336.29	4,695.14	5,053.99
5	40.41	396.44	755.28	1,114.13	1,472.98	1,831.83	2,190.68	2,549.52	2,908.38	3,267.22	3,626.07	3,984.92	4,343.77	4,702.62	5,061.46
6	46.95	403.91	762.76	1,121.61	1,480.46	1,839.30	2,198.16	2,557.00	2,915.86	3,274.70	3,633.55	3,992.40	4,351.25	4,710.10	5,068.94
7	53.48	411.39	770.24	1,129.08	1,487.93	1,846.78	2,205.63	2,564.48	2,923.32	3,282.18	3,641.03	3,999.88	4,358.74	4,717.58	5,076.42
8	60.02	418.86	777.71	1,136.56	1,495.41	1,854.26	2,213.10	2,571.95	2,930.80	3,289.65	3,648.51	3,999.88	4,366.23	4,725.06	5,083.90
9	67.49	426.34	785.19	1,144.04	1,502.89	1,861.73	2,220.58	2,579.43	2,938.28	3,297.13	3,655.99	3,999.88	4,373.72	4,732.54	5,091.38
10	74.97	433.82	792.66	1,151.51	1,510.36	1,869.21	2,228.10	2,586.91	2,945.76	3,304.61	3,663.47	3,999.88	4,381.21	4,740.02	5,098.86
11	82.44	441.29	800.14	1,158.99	1,517.84	1,876.68	2,235.63	2,594.38	2,953.24	3,312.09	3,670.95	3,999.88	4,388.69	4,747.50	5,106.34
12	89.92	448.77	807.62	1,166.46	1,525.31	1,884.16	2,243.10	2,601.91	2,960.72	3,319.57	3,678.43	3,999.88	4,396.17	4,754.98	5,113.82
13	97.40	456.24	815.09	1,173.94	1,532.79	1,891.64	2,250.58	2,609.43	2,968.20	3,327.05	3,685.91	3,999.88	4,403.65	4,762.46	5,121.30
14	104.87	463.72	822.57	1,181.42	1,540.26	1,899.12	2,258.06	2,616.95	2,975.68	3,334.53	3,693.39	3,999.88	4,411.13	4,769.94	5,128.78
15	112.35	471.20	830.04	1,188.89	1,547.74	1,906.60	2,265.54	2,624.48	2,983.16	3,342.01	3,700.87	3,999.88	4,418.61	4,777.42	5,136.26
16	119.82	478.67	837.52	1,196.37	1,555.22	1,914.08	2,273.02	2,632.00	2,990.64	3,349.49	3,708.35	3,999.88	4,426.09	4,784.90	5,143.74
17	127.30	486.15	844.99	1,203.84	1,562.70	1,921.56	2,280.50	2,639.53	2,998.12	3,356.97	3,715.83	3,999.88	4,433.57	4,792.38	5,151.22
18	134.78	493.62	852.47	1,211.32	1,570.17	1,929.04	2,287.98	2,647.01	3,005.60	3,364.45	3,723.31	3,999.88	4,441.05	4,799.86	5,158.70
19	142.25	501.10	859.95	1,218.80	1,577.64	1,936.52	2,295.46	2,654.49	3,013.08	3,371.93	3,730.79	3,999.88	4,448.53	4,807.34	5,166.18
20	149.73	508.58	867.43	1,226.27	1,585.12	1,944.00	2,302.94	2,661.97	3,020.61	3,379.45	3,738.27	3,999.88	4,456.01	4,814.82	5,173.66
21	157.20	516.05	874.91	1,233.75	1,592.60	1,951.48	2,310.42	2,669.45	3,028.13	3,386.93	3,745.75	3,999.88	4,463.49	4,822.30	5,181.14
22	164.68	523.53	882.39	1,241.22	1,600.07	1,958.96	2,317.90	2,676.93	3,035.66	3,394.41	3,753.23	3,999.88	4,470.97	4,829.78	5,188.62
23	172.15	531.00	889.87	1,248.70	1,607.55	1,966.44	2,325.38	2,684.41	3,043.19	3,401.89	3,760.71	3,999.88	4,478.45	4,837.26	5,196.10
24	179.63	538.48	897.35	1,256.18	1,615.03	1,973.92	2,332.86	2,691.89	3,050.72	3,409.37	3,768.19	3,999.88	4,485.93	4,844.74	5,203.58
25	187.11	545.96	904.83	1,263.66	1,622.51	1,981.40	2,340.34	2,699.37	3,058.15	3,416.85	3,775.67	3,999.88	4,493.41	4,852.22	5,211.06
26	194.58	553.43	912.31	1,271.13	1,630.00	1,988.88	2,347.82	2,706.85	3,065.57	3,424.33	3,783.15	3,999.88	4,500.89	4,859.70	5,218.54
27	202.06	560.91	919.79	1,278.60	1,637.48	1,996.36	2,355.30	2,714.33	3,073.00	3,431.81	3,790.63	3,999.88	4,508.37	4,867.18	5,226.02
28	209.54	568.38	927.27	1,286.08	1,644.96	2,003.84	2,362.78	2,721.81	3,080.42	3,439.29	3,798.11	3,999.88	4,515.85	4,874.66	5,233.50
29	217.01	575.86	934.75	1,293.56	1,652.44	2,011.32	2,370.26	2,729.30	3,087.85	3,446.77	3,805.59	3,999.88	4,523.33	4,882.14	5,240.98
30	224.49	583.34	942.23	1,301.03	1,659.92	2,018.80	2,377.74	2,736.78	3,095.27	3,454.25	3,813.07	3,999.88	4,530.81	4,889.62	5,248.46
31	231.96	590.81	949.71	1,308.51	1,667.40	2,026.28	2,385.22	2,744.26	3,102.75	3,461.73	3,820.55	3,999.88	4,538.29	4,897.10	5,255.94
32	239.44	598.29	957.19	1,315.98	1,674.88	2,033.76	2,392.70	2,751.75	3,110.23	3,469.21	3,828.03	3,999.88	4,545.77	4,904.58	5,263.42
33	246.92	605.76	964.67	1,323.46	1,682.36	2,041.24	2,400.18	2,759.23	3,117.70	3,476.69	3,835.51	3,999.88	4,553.25	4,912.06	5,270.90
34	254.39	613.24	972.15	1,330.94	1,689.84	2,048.72	2,407.66	2,766.71	3,125.18	3,484.17	3,843.00	3,999.88	4,560.73	4,919.54	5,278.38
35	261.87	620.72	979.63	1,338.41	1,697.32	2,056.20	2,415.14	2,773.80	3,132.66	3,491.65	3,850.48	3,999.88	4,568.21	4,927.02	5,285.86
36	269.35	628.20	987.11	1,345.89	1,704.80	2,063.68	2,422.62	2,781.28	3,140.14	3,499.13	3,857.96	3,999.88	4,575.69	4,934.50	5,293.34
37	276.83	635.68	994.59	1,353.37	1,712.28	2,071.16	2,429.91	2,788.76	3,147.62	3,506.61	3,865.44	3,999.88	4,583.17	4,941.98	5,300.82
38	284.31	643.16	1,002.07	1,360.85	1,719.76	2,078.64	2,437.39	2,796.23	3,155.10	3,514.09	3,872.92	3,999.88	4,590.65	4,949.46	5,308.30
39	291.79	650.64	1,009.55	1,368.33	1,727.16	2,086.12	2,444.86	2,803.71	3,162.58	3,521.57	3,880.40	3,999.88	4,598.13	4,956.94	5,315.78
40	299.27	658.12	1,017.03	1,375.81	1,734.64	2,093.60	2,452.34	2,811.18	3,170.06	3,529.05	3,887.88	3,999.88	4,605.61	4,964.42	5,323.26
41	306.75	665.60	1,024.51	1,383.29	1,742.12	2,101.08	2,459.81	2,818.66	3,177.54	3,536.53	3,895.36	3,999.88	4,613.09	4,971.90	5,330.74
42	314.23	673.08	1,031.99	1,390.77	1,749.59	2,108.56	2,467.29	2,826.14	3,185.02	3,544.01	3,902.84	3,999.88	4,620.57	4,979.38	5,338.22
43	321.71	680.56	1,039.47	1,398.25	1,757.07	2,116.04	2,474.76	2,835.61	3,192.50	3,551.49	3,910.32	3,999.88	4,628.05	4,986.86	5,345.70
44	329.19	688.04	1,046.95	1,405.73	1,764.54	2,123.52	2,482.24	2,846.19	3,199.98	3,558.97	3,917.80	3,999.88	4,635.53	4,994.34	5,353.18
45	336.67	695.52	1,054.43	1,413.21	1,772.02	2,130.99	2,489.72	2,856.66	3,207.41	3,566.45	3,925.28	3,999.88	4,643.01	5,001.82	5,360.66
46	344.15	702.99	1,061.91	1,420.69	1,779.50	2,138.47	2,497.19	2,866.04	3,214.89	3,573.93	3,932.76	3,999.88	4,650.49	5,009.30	5,368.14
47	351.63	710.47	1,069.39	1,428.17	1,786.97	2,145.92	2,504.67	2,865.52	3,222.36	3,581.41	3,940.24	3,999.88	4,657.97	5,016.78	5,375.62

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED 471408

* CAPACITY BELOW STRIKE POINT

REFERENCE: GAUGE HEIGHT

15'-7" (TO RIM OF 2" DIAMETER BALL VALVE
LOCATED NEAR CENTER OF TANK)WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE
IN ACCORDANCE WITH APPLICABLE API STANDARDS AND
ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

S. Amundt
INSPECTORATE AMERICA CORPORATION

BARGE "MPC-632"
MARATHON PETROLEUM CORP.
INNAGE TABLE

2 PORT OR STAR

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS														
0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.
0	15.27	0	0	0	0	0	0	0	0	0	0	0	0	0
1	15.96	1/4	0	1,079.83	1,439.59	1,799.54	2,519.26	2,878.11	3,238.97	3,598.82	3,958.68	4,318.54	4,678.39	5,038.25
2	16.64	1/4	0	1,087.33	1,487.04	1,867.50	2,569.50	2,939.35	3,309.20	3,679.05	4,048.90	4,418.75	4,788.60	5,158.45
3	24.84	3/4	1/4	1,094.83	1,494.18	1,874.54	2,574.39	2,944.24	3,314.09	3,683.94	4,053.79	4,423.63	4,793.48	5,163.33
4	29.32	3/4	3/4	1,102.32	1,462.18	1,827.04	2,481.89	2,851.74	3,221.59	3,591.44	3,961.29	4,331.13	4,700.98	5,079.83
5	34.01	1	1	1,109.82	1,469.68	1,832.53	2,493.39	2,863.24	3,233.09	3,602.94	3,972.79	4,342.63	4,712.48	5,082.33
6	34.01	1	1	1,109.82	1,469.68	1,832.53	2,493.39	2,863.24	3,233.09	3,602.94	3,972.79	4,342.63	4,712.48	5,082.33
7	40.57	1	1	1,124.81	1,484.67	1,854.33	2,504.38	2,874.23	3,244.08	3,613.93	3,983.78	4,353.62	4,723.47	5,093.32
8	47.12	1	1	1,124.81	1,484.67	1,854.33	2,504.38	2,874.23	3,244.08	3,613.93	3,983.78	4,353.62	4,723.47	5,093.32
9	53.68	3/4	3/4	1,124.81	1,484.67	1,854.33	2,504.38	2,874.23	3,244.08	3,613.93	3,983.78	4,353.62	4,723.47	5,093.32
10	60.24	2	2	1,138.81	1,499.66	1,869.52	2,519.38	2,894.23	3,259.38	3,628.93	3,998.78	4,368.62	4,738.37	5,108.22
11	67.74	2	2	1,147.31	1,474.31	1,874.51	2,524.37	2,899.52	3,264.66	3,634.08	3,998.78	4,373.61	4,743.61	5,113.46
12	75.23	3/4	3/4	1,154.80	1,514.66	1,894.81	2,534.37	2,904.66	3,274.66	3,639.81	4,003.65	4,378.85	4,748.85	5,118.66
13	82.73	3/4	3/4	1,162.30	1,522.16	1,902.31	2,541.87	2,912.16	3,282.16	3,647.31	4,011.15	4,386.35	4,756.35	5,125.16
14	90.23	3	3	1,169.80	1,529.65	1,909.81	2,548.86	2,919.31	3,289.81	3,654.81	4,018.65	4,393.81	4,763.81	5,132.66
15	97.73	3	3	1,177.29	1,537.15	1,916.81	2,556.36	2,926.81	3,297.31	3,662.31	4,026.15	4,401.31	4,771.31	5,139.16
16	105.22	3/4	3/4	1,184.78	1,544.64	1,924.31	2,563.86	2,934.31	3,304.81	3,669.81	4,033.65	4,408.81	4,778.81	5,146.66
17	112.72	3/4	3/4	1,192.28	1,552.14	1,931.81	2,571.36	2,941.81	3,312.31	3,677.31	4,041.15	4,416.31	4,786.31	5,154.16
18	120.22	4	4	1,199.78	1,559.64	1,939.31	2,578.86	2,949.31	3,319.81	3,684.81	4,048.81	4,423.81	4,793.81	5,161.66
19	127.71	4	4	1,207.28	1,567.14	1,946.81	2,586.36	2,956.81	3,327.31	3,692.31	4,056.31	4,431.31	4,801.31	5,169.16
20	135.21	4	4	1,214.78	1,574.64	1,954.31	2,593.86	2,964.31	3,334.81	3,700.31	4,063.81	4,438.81	4,808.81	5,176.66
21	142.71	4	4	1,222.28	1,582.14	1,961.81	2,601.36	2,971.81	3,342.31	3,707.81	4,071.31	4,446.31	4,816.31	5,184.16
22	150.20	5	5	1,229.77	1,589.64	1,969.31	2,608.86	2,979.31	3,349.81	3,715.31	4,078.81	4,453.81	4,823.81	5,191.66
23	157.70	5	5	1,237.27	1,597.14	1,976.81	2,616.36	2,986.81	3,357.31	3,722.81	4,086.31	4,461.31	4,831.31	5,199.16
24	165.20	5	5	1,244.77	1,604.64	1,984.31	2,623.86	2,994.31	3,364.81	3,730.31	4,093.81	4,468.81	4,838.81	5,206.66
25	172.70	5	5	1,252.27	1,612.14	1,991.81	2,631.36	3,001.81	3,372.31	3,737.81	4,101.31	4,476.31	4,846.31	5,214.16
26	180.19	6	6	1,259.77	1,619.64	1,999.31	2,638.86	3,009.31	3,379.81	3,745.31	4,113.31	4,483.81	4,853.81	5,221.66
27	187.69	6	6	1,267.27	1,627.14	2,006.81	2,646.36	3,016.81	3,387.31	3,752.81	4,120.81	4,491.31	4,861.31	5,229.16
28	195.19	6	6	1,274.77	1,634.64	2,014.31	2,653.86	3,024.31	3,394.81	3,760.31	4,128.31	4,498.81	4,868.81	5,236.66
29	202.69	6	6	1,282.27	1,642.14	2,021.81	2,661.36	3,031.81	3,402.31	3,767.81	4,135.81	4,506.31	4,876.31	5,244.16
30	210.18	7	7	1,289.77	1,649.64	2,029.31	2,668.86	3,039.31	3,409.81	3,775.31	4,143.31	4,513.81	4,883.81	5,251.66
31	217.68	7	7	1,297.27	1,657.14	2,036.81	2,676.36	3,046.81	3,417.31	3,782.81	4,150.81	4,521.31	4,891.31	5,259.16
32	225.18	7	7	1,304.77	1,664.64	2,044.31	2,683.86	3,054.31	3,424.81	3,790.31	4,158.31	4,528.81	4,898.81	5,266.66
33	232.67	8	8	1,312.27	1,672.14	2,051.81	2,691.36	3,061.81	3,432.31	3,797.81	4,165.81	4,536.31	4,906.31	5,274.16
34	240.17	8	8	1,319.77	1,679.64	2,059.31	2,698.86	3,069.31	3,439.81	3,805.31	4,173.31	4,543.81	4,913.81	5,281.66
35	247.67	8	8	1,327.27	1,687.14	2,066.81	2,706.36	3,076.81	3,447.31	3,812.81	4,180.81	4,551.31	4,921.31	5,289.16
36	255.16	9	9	1,334.77	1,694.64	2,074.31	2,713.86	3,084.31	3,454.81	3,820.31	4,188.31	4,558.81	4,928.81	5,296.66
37	262.66	9	9	1,342.27	1,702.14	2,081.81	2,721.36	3,091.81	3,462.31	3,827.81	4,195.81	4,566.31	4,936.31	5,304.16
38	270.16	9	9	1,349.77	1,709.64	2,089.31	2,728.86	3,099.31	3,469.81	3,835.31	4,203.31	4,573.81	4,943.81	5,311.66
39	277.65	9	9	1,357.27	1,717.14	2,096.81	2,736.36	3,106.81	3,477.31	3,842.81	4,210.81	4,581.31	4,951.31	5,319.16
40	285.15	10	10	1,364.77	1,724.64	2,104.31	2,743.86	3,114.31	3,484.81	3,850.31	4,218.31	4,588.81	4,958.81	5,326.66
41	292.65	10	10	1,372.27	1,732.14	2,111.81	2,751.36	3,121.81	3,492.31	3,857.81	4,225.81	4,596.31	4,966.31	5,334.16
42	300.14	10	10	1,379.77	1,739.64	2,119.31	2,758.86	3,129.31	3,499.81	3,865.31	4,233.31	4,603.81	4,973.81	5,341.66
43	307.64	10	10	1,387.27	1,747.14	2,126.81	2,766.36	3,136.81	3,507.31	3,872.81	4,240.81	4,611.31	4,981.31	5,349.16
44	315.14	10	10	1,394.77	1,754.64	2,134.31	2,773.86	3,144.31	3,514.81	3,880.31	4,248.31	4,618.81	4,988.81	5,356.66
45	322.64	10	10	1,402.27	1,762.14	2,141.81	2,781.36	3,151.81	3,522.31	3,887.81	4,255.81	4,626.31	4,996.31	5,364.16
46	330.13	11	11	1,409.77	1,769.64	2,149.31	2,788.86	3,159.31	3,529.81	3,895.31	4,263.31	4,633.81	5,003.81	5,371.66
47	337.63	11	11	1,417.27	1,777.14	2,156.81	2,796.36	3,166.81	3,537.31	3,902.81	4,270.81	4,641.31	5,011.31	5,379.16
48	345.13	11	11	1,424.77	1,784.64	2,164.31	2,803.86	3,174.31	3,544.81	3,910.31	4,278.31	4,648.81	5,018.81	5,386.66
49	352.62	12	12	1,432.27	1,792.14	2,171.81	2,811.36	3,181.81	3,552.31	3,917.81	4,285.81	4,656.31	5,026.31	5,394.16
50	360.12	12	12	1,439.77	1,799.64	2,179.31	2,818.86	3,189.31	3,559.81	3,925.31	4,293.31	4,663.81	5,033.81	5,401.66
51	367.62	12	12	1,447.27	1,807.14	2,186.81	2,826.36	3,196.81	3,567.31	3,932.81	4,300.81	4,671.31	5,041.31	5,409.16
52	375.12	12	12	1,454.77	1,814.64	2,194.31	2,833.86	3,204.31	3,574.81	3,940.31	4,308.31	4,678.81	5,048.81	5,416.66
53	382.62	13	13	1,462.27	1,822.14	2,201.81	2,841.36	3,211.81	3,582.31	3,947.81	4,315.81	4,686.31	5,056.31	5,424.16
54	390.11	13	13	1,469.77	1,829.64	2,209.31	2,848.86	3,219.31	3,589.81	3,955.31	4,323.31	4,693.81	5,063.81	5,431.66
55	397.61	13	13	1,477.27	1,837.14	2,216.81	2,856.36	3,226.81	3,597.31	3,962.81	4,330.81	4,701.31	5,071.31	5,439.16
56	405.10	13	13	1,484.77	1,844.64	2,224.31	2,863.86	3,234.31	3,604.81	3,970.31	4,338.31	4,708.81	5,078.81	5,446.66
57	412.60	14	14	1,492.27	1,852.14	2,231.81	2,871.36	3,241.81	3,612.31	3,977.81	4,345.81	4,716.31	5,086.31	5,454.16
58	420.10	2	2	1,499.77	1,859.64	2,239.31	2,878.86	3,249.31	3,619.81	3,985.31	4,353.31	4,723.81	5,093.81	5,461.66
59	427.59	2	2	1,507.27	1,867.14	2,246.81	2,886.36	3,256.81	3,627.31	3,992.81	4,360.81	4,731.31	5,101.31	5,469.16
60	435.09	1/2	1/2	1,514.77	1,874.64	2,254.31	2,893.86	3,264.31	3,634.81	3,999.81	4,368.31	4,738.81	5,108.81	5,476.66
61	442.59	1/2	1/2	1,522.27	1,882.14	2,261.81	2,901.36	3,271.81	3,642.31	4,007.31	4,375.81	4,746.31	5,116.31	5,484.16
62	450.08	1/2	1/2	1,529.77	1,889.64	2,269.31	2,908.86	3,279.31	3,649.81	4,014.81	4,383.31	4,753.81	5,123.81	5,491.66
63	457.58	1/2	1/2	1,537.27	1,897.14	2,276.81	2,916.36	3,286.81	3,657.31	4,022.31	4,390.81	4,761.31	5,131.31	5,499.16
64	465.08	1/2	1/2	1,544.77	1,904.64	2,284.31	2,923.86	3,294.31	3,664.81	4,029.81	4,398.31	4,768.81	5,138.81	5,506.66
65	472.58	3/4	3/4	1,552.27	1,912.14	2,291.81	2,931.36	3,301.81	3,672.31	4,037.31	4,405.81	4,776.31	5,146.31	5,514.16
66	480.07	4	4	1,559.77	1,919.64	2,299.31	2,938.86	3,309.31	3,679.81	4,044.81	4,413.31	4,783.81	5,153.81	5,521.66
67	487.57	4	4	1,567.27	1,927.14	2,306.81	2,946.36	3,316.81	3,687.31	4,052.31	4,420.81	4,791.31	5,161.31	5,529.16
68	495.07	4	4	1,574.77	1,934.64	2,314.31	2,953.86	3,324.31	3,694.81	4,059.81	4,428.31	4,798.81	5,168.81	5,536.66
69	502.56	3/4	3/4											

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE

S. Greenwell
INSPECTORATE AMERICA CORPORATION