

Table 1.1: Annual Respondent Burden and Cost – NESHAP for Source Categories: Gasolin

June 2017:

Burden item	(A) Person hours per occurrence	(B) No. of occurrences per respondent per year	(C) Person hours per respondent per year (C=AxB)	(D) Respondents per year ^a
<i>1.1 Bulk Terminals</i>				
(a) Familiarization with rule requirements	6	1	6	1,100
(b) Prepare Initial Notification ^c	4	0	4	0
(c) Perform Initial Performance Test ^c	175	0	175	0
(d) Prepare Notification of Compliance Status ^c	4	0	4	0
(e) Perform annual storage tank inspection ^d	12	1	12	1,100
(f) Perform equipment leak inspections ^d	2	12	24	1,100
(g) Keep records of performance tests, storage tank and equipment leak inspections, and cargo tank vapor tightness documentation	0.75	12	9	1,100
(h) Submit semiannual compliance report	4	2	8	1,100
Subtotal Reporting [(h)]				
Subtotal Recordkeeping [(e) - (g)]				
TOTAL LABOR BURDEN AND COST (rounded)^e				
TOTAL CAPITAL AND O&M COST (rounded)^e				
GRAND TOTAL (rounded)^e				

Assumptions for Table 1.1:

^a We expect no new affected sources the next 3 years of this ICR. Therefore, the estimated number of respondents re

^b This ICR uses the following labor rates: \$149.35 per hour for Executive, Administrative, and Managerial labor; \$11 Clerical labor. These rates are from the United States Department of Labor, Bureau of Labor Statistics, June 2017, “group.” The rates are from column 1, “Total Compensation.” The rates have been increased by 110% to account for industry

^c Preparing Initial Notification, performing initial performance test, and preparing Notification of Compliance Status

^d Assumed that all respondents are currently performing annual storage tank inspections; and, that all are currently pe

^e Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

e Distribution Bulk Terminals, Bulk Plants, Pipeline Facilities, and Gasoline Dispensing Facilities (4

112.98 149.35 54.81

(E) Technical person- hours per year (E=CxD)	(F) Management person hours per year (Ex0.05)	(G) Clerical person hours per year (Ex0.1)	(H) Total Cost per year ^b
6600	330	660	\$831,128.10
0	0	0	0
0	0	0	0
0	0	0	0
13,200	660	1320	\$1,662,256.20
26,400	1,320	2,640	\$3,324,512.40
9,900	495	990	\$1,246,692.15
8,800	440	880	\$1,108,170.80
	10,120		\$1,108,171
	64,515		\$7,064,589
	74,600		\$8,170,000
			\$110,000
	74,600		\$8,280,000

mains unchanged as 1,100 existing bulk terminals.

2.98 per hour for Technical labor, and \$54.81 per hour for
 Table 2: Civilian Workers, by Occupational and Industry
 the benefit packages available to those employed by private

are one-time activities.

performing equipment leak inspections at least once per month.

40 CFR Part 63, Subparts BBBBBB and CCCCCC)

Table 1.2: Annual Respondent Burden and Cost – NESHAP for Source Categories: Gasoline Distr

June 2017:

112.98

Burden item	(A) Person hours per occurrence	(B) No. of occurrences per respondent per year	(C) Person hours per respondent per year (C=AxB)	(D) Respondents per year ^a	(E) Technical person-hours per year (E=CxD)
<i>1.2 Pipeline Breakout Stations</i>					
(a) Familiarization with rule requirements	6	1	6	460	2760
(b) Prepare Initial Notification ^c	8	1	8	0	0
(c) Prepare Notification of Compliance Status ^c	8	1	8	0	0
(d) Perform annual storage tank inspection ^d	12	1	12	460	5,520
(e) Perform equipment leak inspections ^d	2	12	24	460	11040
(f) Keep records of storage tank and equipment leak inspections ^d	16	1	16	460	7,360
(g) Submit semiannual compliance report	4	2	8	460	3,680
Subtotal Reporting [(g)]					
Subtotal Recordkeeping [(d) - (f)]					
TOTAL LABOR BURDEN AND COST (rounded)^e					
TOTAL CAPITAL AND O&M COST (rounded)^e					
GRAND TOTAL (rounded)^e					

Assumptions for Table 1.2:

^a We expect no new affected sources the next 3 years of this ICR. Therefore, the estimated number of respondents remains unchanged.

^b This ICR uses the following labor rates: \$149.35 per hour for Executive, Administrative, and Managerial labor; \$112.98 per hour for Clerical labor. These rates are from the United States Department of Labor, Bureau of Labor Statistics, June 2017, “Occupational and Industry group.” The rates are from column 1, “Total Compensation.” The rates have been increased by 1% to be available to those employed by private industry.

^c Preparing Initial Notification, performing initial performance test, and preparing Notification of Compliance Status are one-time activities.

^d Assumed that all respondents are currently performing annual storage tank inspections; and, that all are currently performing equipment leak inspections.

^e Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

tribution Bulk Terminals, Bulk Plants, Pipeline Facilities, and Gasoline Dispensing Facilities (4

149.35 54.81

(F) Managem ent person hours per year (Ex0.05)	(G) Clerical person hours per year (Ex0.1)	(H) Total Cost per year ^b
138	276	\$347,562.66
0	0	0
0	0	0
276	552	\$695,125.32
552	1104	\$1,390,250.64
368	736	\$926,833.76
184	368	\$463,416.88
4,232		\$463,417
30,682		\$3,359,772
34,900		\$3,820,000
		\$0
34,900		\$3,820,000

replaced as 460 existing pipeline breakout stations.

hour for Technical labor, and \$54.81 per

Table 2: Civilian Workers, by

10% to account for the benefit packages

time activities.

g equipment leak inspections at least once per month.

0 CFR Part 63, Subparts BBBBBB and CCCCCC) (Renewal)

Table 1.3: Annual Respondent Burden and Cost – NESHAP for Source Categories: Gasoline Di

June 2017: 112.98 149.35

Burden item	(A) Person hours per occurrence	(B) No. of occurrences per respondent per year	(C) Person hours per respondent per year (C=AxB)	(D) Respondents per year ^a	(E) Technical person-hours per year (E=CxD)	(F) Management person hours per year (Ex0.05)
<i>1.3 Pipeline Pumping Stations</i>						
(a) Familiarization with rule requirements	4	1	4	1,800	7200	360
(b) Prepare Initial Notification ^c	1	1	1	0	0	0
(c) Prepare Notification of Compliance Status ^c	1	1	1	0	0	0
(d) Perform equipment leak inspections	1	12	12	1,800	21,600	1,080
(e) Keep records of equipment leak inspections ^d	0.1	12	1.2	1,800	2,160	108
(f) Submit semiannual compliance report ^e	0.25	2	0.5	36	18	0.9
Subtotal Reporting [(f)]						21
Subtotal Recordkeeping [(d) - (e)]						35,604
TOTAL LABOR BURDEN AND COST (rounded)^f						35,600
TOTAL CAPITAL AND O&M COST (rounded)^f						
GRAND TOTAL (rounded)^f						35,600

Assumptions for Table 1.3:

^a We expect no new affected sources the next 3 years of this ICR. Therefore, the estimated number of respondents remains:

^b This ICR uses the following labor rates: \$149.35 per hour for Executive, Administrative, and Managerial labor; \$112.98 per hour for Clerical labor. These rates are from the United States Department of Labor, Bureau of Labor Statistics, June : Occupational and Industry group.” The rates are from column 1, “Total Compensation.” The rates have been increased by packages available to those employed by private industry.

^c Preparing Initial Notification, performing initial performance test, and preparing Notification of Compliance Status are o

^d Assumed that all respondents are currently performing equipment leak inspections at least once per month.

^e Assumed that, on an annual average basis, 2 percent of facilities (36) will be required to submit a semiannual compliance

^f Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

tribution Bulk Terminals, Bulk Plants, Pipeline Facilities, and Gasoline Dispensing Facilities

54.81

Increase: Updated Labor Rates

(G) Clerical person hours per year (Ex0.1)	(H) Total Cost per year ^b
720	\$906,685.20
0	0
0	0
2,160	\$2,720,055.60
216	\$272,005.56
1.8	\$2,266.71
	\$2,267
	\$3,898,746
	\$3,900,000
	\$0
	\$3,900,000

s unchanged as 1,800 existing pipeline pumping stations.
 per hour for Technical labor, and \$54.81
 2017, “Table 2: Civilian Workers, by
 y 110% to account for the benefit

ne-time activities.

report because of delays in repairing equipment leaks.

(40 CFR Part 63, Subparts BBBBBB and CCCCCC) (Renewal)

Table 1.4: Annual Respondent Burden and Cost – NESHAP for Source Categories: Gas

June 2017:

112.98

Burden item	(A) Person hours per occurrence	(B) No. of occurrences per respondent per year	(C) Person hours per respondent per year (C=AxB)	(D) Respondents per year ^a	(E) Technical person-hours per year (E=CxD)
<i>1.4 Bulk Plants</i>					
(a) Familiarization with rule requirements (in States without submerged fill rules)	2	1	2	1475	2950
(b) Familiarization with rule requirements (in States with submerged fill rules)	2	1	2	4,425	8850
(c) Prepare Initial Notification ^c	2	1	2	0	0
(d) Prepare Notification of Compliance Status ^c	1	1	1	0	0
(e) Perform equipment leak inspections ^d	0.25	12	3	5,900	17,700
(f) Keep records of equipment leak inspections ^d	0.1	12	1.2	5,900	7,080
(g) Submit semiannual compliance report ^e	1	2	2	118	236
Subtotal Reporting [(g)]					
Subtotal Recordkeeping [(e) - (f)]					
TOTAL LABOR BURDEN AND COST (rounded)^f					
TOTAL CAPITAL AND O&M COST (rounded)^f					
GRAND TOTAL (rounded)^f					

Assumptions for Table 1.4:

^a We expect no new affected sources the next 3 years of this ICR. Therefore, the estimated number of respondent

^b This ICR uses the following labor rates: \$149.35 per hour for Executive, Administrative, and Managerial labor; Clerical labor. These rates are from the United States Department of Labor, Bureau of Labor Statistics, June 2011. The rates are from column 1, “Total Compensation.” The rates have been increased by 110% to account for the

^c Preparing Initial Notification, and preparing Notification of Compliance Status are one-time activities. Note: 2% are in States with rules.

^d Assumed that all respondents are currently performing equipment leak inspections at least once per month.

^e Assumed that, on an annual average basis, 2 percent of facilities (118) will be required to submit a semiannual compliance report.

^f Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

oline Distribution Bulk Terminals, Bulk Plants, Pipeline Facilities, and Gasoline Dispensing Fa

149.35 54.81

(F) Managem ent person hours per year (Ex0.05)	(G) Clerical person hours per year (Ex0.1)	(H) Total Cost per year ^b
147.5	295	371489.075
442.5	885	\$1,114,467.23
0	0	0
0	0	0
885	1,770	\$2,228,934.45
354	708	\$891,573.78
11.8	23.6	\$29,719.13
271		\$29,719
42,067		\$4,606,465
42,300		\$4,640,000
		\$0
42,300		\$4,640,000

ts remains unchanged as 5,900 existing bulk plants.

\$112.98 per hour for Technical labor, and \$54.81 per hour for
7, “Table 2: Civilian Workers, by Occupational and Industry group.”
benefit packages available to those employed by private industry.

5% of the respondents are in States without bulk plant rules and 75%

compliance report because of delays in repairing equipment leaks.

ilities (40 CFR Part 63, Subparts BBBBBB and CCCCCC) (Renewal)

Table 1.5: Annual Respondent Burden and Cost – NESHAP for Source Categories: Gasolin

June 2017:

112.98

Burden item	(A) Person hours per occurrence	(B) No. of occurrences per respondent per year	(C) Person hours per respondent per year (C=AxB)	(D) Respondents per year ^a	(E) Technical person-hours per year (E=CxD)
<i>1.5 Gasoline Dispensing Facilities</i>					
(a) Familiarization with rule requirements (facilities >100k already in compliance)	0.5	1	0.5	9,860	4,930
(b) Familiarization with rule requirements (facilities <100k already in compliance)	0.25	0.33	0.08	0	0.0
(c) Initial vapor balance system testing	6	1	6	0	0
(d) Prepare Initial Notification ^c	1	1	1	0	0
(d) Prepare Notification of Compliance Status ^c	1	1	1	0	0
(e) Vapor balance system testing ^d	6	0.3	1.8	9,860	17,748
Subtotal Reporting [(e)]					
Subtotal Recordkeeping [NA]					
TOTAL LABOR BURDEN AND COST (rounded)^e					
TOTAL CAPITAL AND O&M COST (rounded)^e					
GRAND TOTAL (rounded)^e					

Assumptions for Table 1.5:

^a We expect no new affected sources the next 3 years of this ICR. Of the total 340,000 facilities, 243,587 facilities will have the SLT submerged fill requirement, and for the 85,340 facilities with throughputs of >100,000 gpm that are complying with the rule, there are no other reporting or recordkeeping requirements associated with this rule for this ICR. Therefore, the estimated number of facilities with reporting requirements remains unchanged from the previous ICR as 11,073 gasoline dispensing facilities, of which 9,860 instances are a result of this rulemaking.

^b This ICR uses the following labor rates: \$149.35 per hour for Executive, Administrative, and Managerial labor; \$11 per hour for Clerical labor. These rates are from the United States Department of Labor, Bureau of Labor Statistics, June 2017, “Detailed Occupations” group.” The rates are from column 1, “Total Compensation.” The rates have been increased by 110% to account for inflation in the industry.

^c Preparing Initial Notification, conducting an initial vapor balance system test, and preparing Notification of Compliance Status.

^d Assume vapor balance pressure retesting required every three years. There are 9,860 gasoline dispensing facilities that would have to retest.

^e Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

e Distribution Bulk Terminals, Bulk Plants, Pipeline Facilities, and Gasoline Dispensing Facilities (4)

149.35 54.81

(F) Management person hours per year (Ex0.05)	(G) Clerical person hours per year (Ex0.1)	(H) Total Cost per year ^b
246.5	493	\$620,827.51
0	0	\$0
0	0	0
0	0	0
0	0	0
887.4	1,774.8	\$2,234,979.02
20,410		\$2,234,979
5,670		\$620,828
26,100		\$2,860,000
		\$0
26,100		\$2,860,000

with throughputs of <100,000 gpm that are complying with a
with a state (SLT) vapor balancing requirement, there are no
of respondents with recordkeeping and reporting
all vapor balance system and 1,213 must add submerged filled

2.98 per hour for Technical labor, and \$54.81 per hour for
Table 2: Civilian Workers, by Occupational and Industry
the benefit packages available to those employed by private

ance Status are one-time activities.

test.

0 CFR Part 63, Subparts BBBBBB and CCCCCC) (Renewal)

Table 1.6: Annual Respondent Burden and Cost – NESHAP for Source C

Burden Item	Average Number of Respondents per year	Total person-hours per year
<i>Subtotal for Reporting Requirements</i>	19,120	35,054
<i>Subtotal for Recordkeeping Requirements</i>		178,538
TOTAL LABOR BURDEN AND COST		213,592
TOTAL LABOR BURDEN AND COST (Rounded)^a		214,000
TOTAL CAPITAL AND O&M COST(Rounded)^a		
GRAND TOTAL (Rounded)^a		

^aTotals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

Categories: Gasoline Distribution Bulk Terminals, Bulk Plants, Pipeline Facilities, and Gaso

Total Cost per year
\$3,838,553
\$19,550,400
\$23,388,952
\$23,400,000
\$110,000
\$23,500,000

ig.

hr per resp

Online Dispensing Facilities (40 CFR Part 63, Subparts BBBBBB and CCCCCC) (Renewal)

Table 2: Average Annual EPA Burden and Cost – NESHAP for Source Categories: Gasoline Di
2017:

Activity	(A) EPA person-hours per occurrence	(B) No. of occurrences per plant per year	(C) EPA person hours per plant per year (AxB)	(D) Plants per year ^a
Review of storage tank inspection reports	4	1	4	1,560
Review semiannual compliance reports	2	2	4	1,714
Review of other, non-routine reports ^c	4	1	4	1,912
TOTAL LABOR BURDEN AND COST (rounded)^d				

Assumptions for Table 2:

- ^a Number of activities per year is the sum of the number of applicable respondents from Tables 1.1 through 1.5.
- ^b This cost is based on the average hourly labor rate from the Office of Personnel Management (OPM) “2017 General Sch
- ^c Assumed that 10 percent of affected facilities industry-wide will submit non-routine reports each year. (19,120 x 10% =
- ^d Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

Distribution Bulk Terminals, Bulk Plants, Pipeline Facilities, and Gasoline Dispensing Facilities (40

48.08

64.8

26.02

(E) Technical person-hours per year (CxD)	(F) Management person-hours per year (Ex0.05)	(G) Clerical person-hours per year (Ex0.1)	(H) Cost, \$ ^b
6,240	312	624	\$336,473.28
6,856	342.8	685.6	\$369,689.23
7,648	382.4	764.8	\$412,395.46
23,900			1,120,000

edule” which excludes locality rates of pay.

1,912)

CFR Part 63, Subparts BBBBBB and CCCCCC (Renewal)

Table 1: NESHAP for Source Categories: Gasoline Distribution Bulk Terminals, Bulk Plants, Pipeline Facilities, and Gas

Sector	Bulk Terminals	Pipeline Breakout Stations	Pipeline Pumping Stations	Bulk Plants
Burden Hours	74,600	34,900	35,600	42,300
Labor Cost	\$8,170,000	\$3,820,000	\$3,900,000	\$4,640,000
Total Cost (Labor + O&M)	\$8,280,000	\$3,820,000	\$3,900,000	\$4,640,000
Number of Responses	3,410	1426	252	826

oline Dispensing Facilities (40 CFR Part 63, Subparts BBBB and CCCCC)

Gasoline Dispensing Facilities	Total
26,100	214,000
\$2,860,000	\$23,400,000
\$2,860,000	\$23,500,000
986	6,900

Capital/Startup vs. Operation and Maintenance (O&M) Costs

(A)	(B)	(C)	(D)	(E)	(F)
Continuous Monitoring Device	Capital/Startup Cost for One Respondent	Number of New Respondents	Total Capital/Startup Cost, (B X C)	Annual O&M Costs for One Respondent	Number of Respondents with O&M
CPMS for vapor processors	\$0	0	\$0	\$1,000	110 (10% of Bulk Terminals)

s

(G)

Total O&M,

(E X F)

\$110,000