

Table 1a: Annual Respondent Burden and Cost for Private Facilities– NESHAP for Engine

Burden item	(A) Person hours per occurrence	(B) No. of occurrences per respondent per year	(C) Person hours per respondent per year (C=AxB)
1. Applications	N/A		
2. Surveys and studies	N/A		
3. Reporting requirements			
A. Familiarization with regulatory requirements ^a	4	1	4
B. Notifications ^c			
Initial notifications	2	0.3	0.6
Notification of construction/reconstruction	2	0.3	0.6
Notification of actual startup	2	0.3	0.6
C. Create information	See 3B		
D. Gather existing information	See 3E		
E. Write report			
Start-up Shutdown and Malfunction Plan ^d	20	0.3	6
Compliance status report ^e	4	2	8
Performance evaluation report	16	0.3	4.8
<i>Subtotal for Reporting Requirements</i>			
4. Recordkeeping requirements			
A. Initial performance evaluation ^f	330	0.3	99
B. Monitoring demonstration ^g	148	0.3	44.4
C. Repeat performance evaluation ^h	330	1	330
D. Maintain records of CEMS performance ⁱ	1.5	52	78
<i>Subtotal for Recordkeeping Requirement</i>			
TOTAL LABOR BURDEN AND COST (rounded)^j			
Total CAPITAL and O&M COST (rounded)^j			
GRAND TOTAL (rounded)^j			

Assumptions:

^a We have assumed that the average number of private sources subject to the rule will be 15, and that on this ICR. This ICR assumes that all sources will incur a burden to re-familiarize themselves with the regulat

^b This ICR uses the following labor rates: \$149.35 per hour for Managerial labor; \$112.98 per hour for Te the United States Department of Labor, Bureau of Labor Statistics, June 2017, Table 2. Civilian Workers, Compensation. The rates have been increased by 110 percent to account for the benefit packages availa

^c We have assumed that there will be one new or reconstructed source over the next three years.

^d We have assumed that the one new source will use controls to comply with the standard and therefore th have assumed that this one new source will not develop a site-specific monitoring and inspection plan for

^e Compliance status reports are required semiannually. We have assumed that deviations get reported as of the sources that had an SSM of a control device was consistent with the SSM plan and therefore no se

^f The technical persons-hours per occurrence were taken from the ESD manual Table 4 “Burden of Perfor (Volume X, Section 2.2).

^g Since there is only one new respondent, we have assumed that it will not have to repeat the performanc

^h We have assumed that owners and operators will maintain monitoring records on a weekly basis.

ⁱWe assume all of the recordkeeping and reporting burden from the rule at federal facilities will be conducted at the state level.

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

e Test Cells/Standards (40 CFR Part 63, Subpart P) (Renewal)

	112.98	149.35	54.81	
(D) Respondents per year ^a	(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
16	64	3.2	6.4	\$8,059.42
1	0.6	0.03	0.06	\$75.56
1	0.6	0.03	0.06	\$75.56
1	0.6	0.03	0.06	\$75.56
1	6	0	1	\$755.57
16	128	6	13	\$16,118.85
1	4.8	0.2	0.5	\$604.46
		235		\$25,765
1	99	5.0	9.9	\$12,466.92
1	44.4	2.2	4.4	\$5,591.23
0	0	0	0	\$0
16	1248	62.4	124.8	\$157,158.77
		1,600		\$175,217
		1,840		\$201,000
				\$5,300
				\$206,000

Note: Number of occurrences updated

e new facility will become subject to the rule over the three-year period of atory requirements each year.

chnical labor, and \$54.31 per hour for Clerical labor. These rates are from by Occupational and Industry group. The rates are from column 1, Total able to those employed by private industry.

re one-time SSM plan requirement will occur during this ICR period. We catalytic oxidizer controls.

; part of the semiannual compliance status report. We have assumed that all parate SSM report burden is estimated.

rmance Tests and Continuous Monitoring System (CMS) Demonstrations”

e evaluations due to failure.

ted by federal employees.

ed to 52 weeks (footnote says weekly basis.)

Table 1b: Annual Respondent Burden and Cost for Federal Facilities – NESHAP for Engin

Burden item	(A) Person hours per occurrence	(B) No. of occurrences per respondent per year	(C) Person hours per respondent per year (C=AxB)
1. Applications	N/A		
2. Surveys and studies	N/A		
3. Reporting requirements			
A. Familiarization with regulatory requirements ^c	4	1	4
B. Notifications ^c			
Initial notifications	2	1	2
Notification of construction/reconstruction	2	1	2
Notification of actual startup	2	1	2
C. Create information	See 3B		
D. Gather existing information	See 3E		
E. Write report			
Start-up Shutdown and Malfunction Plan ^c	20	0.3	6
Compliance status report ^d	4	2	8
Performance evaluation report ^e	16	1	16
Subtotal for Reporting Requirements			
4. Recordkeeping requirements			
A. Initial performance evaluation ^{f, g}	330	1	330
B. Monitoring demonstration ^{f, g}	148	1	148
C. Repeat performance evaluation ^{f, g, h}	330	1	330
D. Maintain records of CEMS performance ⁱ	1.5	52	78
Subtotal for Recordkeeping Requirements^k			
TOTAL LABOR BURDEN AND COST (rounded)^k			
Total CAPITAL and O&M COST (rounded)^k			
GRAND TOTAL (rounded)^k			

Assumptions:

^a We have assumed that the average number of existing Federal sources subject to the rule will be 3, and year period of this ICR. This ICR assumes that all sources will incur a burden to re-familiarize themselves

^b This cost is based on the following hourly labor rates, increased by 60% to account for the benefit packa Step 5, \$40.50+60%), \$48.08 for Technical (GS-12, Step 1, \$30.05 + 60%) and \$26.02 Clerical (GS-6, St Management (OPM) “2017 General Schedule” which excludes locality rates of pay.

^c We have assumed that there will be no new or reconstructed Federal sources over the next three years.

^d Compliance status reports are required semiannually. We have assumed that deviations get reported as of the sources that had an SSM of a control device was consistent with the SSM plan and therefore no se

^e We have assumed that no Federal respondents need to conduct the initial performance evaluation, sinci years.

^f We have assumed that no Federal respondents need to keep records for initial performance evaluation r over the next three years.

^g The technical persons-hours per occurrence were taken from the ESD manual Table 4 “Burden of Perfo (Volume X, Section 2.2).

^h Since there are no new respondents, it is assumed no respondents will have to repeat the performance

- ⁱ We have assumed that owners and operators will maintain monitoring records on a weekly basis.
- ^j We assume all of the recordkeeping and reporting burden from the rule at federal facilities will be conducted by the federal government.
- ^k Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

ne Test Cells/Standards (40 CFR Part 63, Subpart P) (Renewal)

	48.08	64.8	26.02	
(D) Respondents per year ^a	(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
3	12	0.6	1.2	\$647.06
0	0	0	0	\$0
0	0	0	0	\$0
0	0	0	0	\$0
0	0	0	0	\$0
3	24	1.2	2.4	\$1,294.13
0	0	0	0	\$0
		41		\$1,941
0	0	0	0	\$0
0	0	0	0	\$0
0	0	0	0	\$0
3	234	11.7	23.4	\$12,617.75
		269		\$12,618
		310		\$14,600
				\$900
				\$15,500

2,150
\$215,600

I that no new Federal facilities will become subject to the rule over the three- with the regulatory requirements each year.

ages available to government employees: \$64.80 for Managerial (GS-13, ep 3, \$16.26 + 60%). These rates are from the Office of Personnel

; part of the semiannual compliance status report. We have assumed that all parate SSM report burden is estimated.

e there are no new or reconstructed Federal sources over the next three

elated activities, since there are no new or reconstructed Federal sources

rmance Tests and Continuous Monitoring System (CMS) Demonstrations”

evaluations due to failure.

sted by federal employees.

Table 1c: Annual Respondent Burden and Cost Breakdown by Affected Sector– NESHA

Affected Sector	Number of Response	Labor Hours		
		Reporting	Recordkeeping	Total
Private	34	235	1,600	1,840
Public (Federal)	6	41	269	310
Total	40	276	1,869	2,150

Total hours per response 54

IP for Engine Test Cells/Stand (40 CFR Part 63, Subpart P) (Renewal)

Labor Cost	Capital and O&M Cost
\$201,000	\$5,300
\$14,600	\$900
\$216,000	\$6,200

Table 2: Average Annual EPA Burden and Cost - NESHAP for Engine Test Cells/Stands

Activity	(A) EPA person- hours per occurrence	(B) No. of occurrences per plant per year	(C) EPA person- hours per plant per year (C=AxB)	(D) Plants per year^a
1. Attend CEMS performance evaluation	32	0.3	9.6	1
2. Repeat performance evaluation				
a. Retesting preparation	12	1	12	0
b. Attend retesting	32	1	32	0
3. Deviation – enforcement activities ^c	16	1	16	4
4. Reporting requirements				
a. Review waivers ^d	2	2	4	0
b. Review reports				
Review initial notifications	2	0.3	0.6	1
Compliance status report ^e	2	2	4	19
Performance evaluation report	2	0.3	0.6	1
Subtotals Labor Burden and cost				
TOTAL ANNUAL BURDEN AND COST (rounded)^f				

Assumptions:

^a We have assumed that the average number of existing sources subject to the rule will be 18, and that three-year period of this ICR. That facility is not assumed to require repeat performance evaluation tests.

^b This cost is based on the following hourly labor rates, increased by 60% to account for the benefit package: Managerial (GS-13, Step 5, \$40.50+60%), \$48.08 for Technical (GS-12, Step 1, \$30.05 + 60%) and \$26.43 for Support (GS-11, Step 1, \$16.50 + 60%) are from the Office of Personnel Management (OPM) “2017 General Schedule” which excludes locality pay.

^c We have assumed that 20 percent of all respondents will be out of compliance.

^d We have assumed that none of the respondents are submitting waivers for recordkeeping and reporting.

^e Compliance status reports review is required semiannually. We assumed that deviations get reported.

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

(40 CFR Part 63, Subpart P P P P P) (Renewal)

48.08 64.8 26.02

(E) Technical person- hours per year (E=CxD)	(F) Managem ent person- hours per year (Ex0.05)	(G) Clerical person- hours per year (Ex0.1)	(H) Cost, \$ ^b
9.6	0.48	0.96	\$517.65
0	0	0	\$0
0	0	0	\$0
64	3.2	6.4	\$3,451.01
0	0	0	\$0
0.6	0.03	0.06	\$32
76	3.8	7.6	\$4,098.07
0.6	0.0	0.06	\$32.35
150.8	7.54	15.08	\$8,131.44
173			\$8,130

one new facility will become subject to the rule over the
ing.

ages available to government employees: \$64.80 for
0.02 Clerical (GS-6, Step 3, \$16.26 + 60%). These rates
rates of pay.

ing requirements.

as part of the semiannual compliance status report.

Total Annual Responses

(A) Information Collection Activity	(B) Number of Respondents	(C) Number of Responses	(D) Number of Existing Respondents That Keep Records But Do Not Submit Reports
Compliance status report	19	2	0
Initial notifications	1	0.3	0
Notification of construction/reconstruction	1	0.3	0
Notification of actual startup	1	0.3	0
Start-up Shutdown and Malfunction Plan	1	0.3	0
Performance evaluation report	1	0.3	0
			Total

