

Burden item	(A) Person-hours per occurrence	(B) No. of occurrence per respondent per year	(C) Person- hours per respondent per year	(D) Respondents per year ^a	(E) Technical person- hours per year
		(C=AxB)			(E=CxD)
1. Applications	N/A				
2. Survey and Studies	N/A				
3. Reporting Requirements					
A. Familiarization with regulatory requirements	1	1	1	48	48
B. Required activities					
i. Initial Performance Test	60	1	60	0	0
ii. Repeat Performance Test ^c	60	0.2	12	0	0
C. Gather Existing Information	3B				
D. Write report					
i. Notification of construction/ reconstruction	2	1	2	0	0
ii. Notification of initial performance test	2	1.2	2.4	0	0
iii. Notification of actual startup	2	1	2	0	0
iv. Report of performance test	3B				
v. Semiannual report ^d	8	2	16	48	768
vi. Excess emissions report ^d	5	0.5	2.5	48	120
<i>Subtotal for Reporting Requirements</i>					
4. Recordkeeping Requirements					
A. Familiarization with regulatory requirements	3A				
B. Plan activities	3B				
C. Implement activities (Monthly Performance Test)	1	12	12	48	576
D. Develop record system	N/A				
i. Records of operating parameter ^e	0.25	250	62.5	48	3000
<i>Subtotal for Recordkeeping Requirements</i>					
TOTAL LABOR BURDEN AND COSTS (rounded): ^f					
TOTAL CAPITAL AND O&M COST (rounded): ^f					
GRAND TOTAL (rounded): ^f					

Assumptions:

^a Assumes an average of 48 affected facilities, with no new plants coming online.

^b This ICR uses the following labor rates: \$112.98 (technical), \$149.35 (managerial), and \$54.81 (clerical). These rates are Bureau of Labor Statistics, June 2017, "Table 2. Civilian workers, by occupational and industry group." The rates are from increased by 110 percent to account for the benefit packages available to those employed by private industry.

^c Assumed 20% rate of failed performance tests.

^d Each plant files an excess emission report every other year and a semiannual report twice a year.

^e Assume operation 250 days per year as specified in the NSPS review document.

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

(F) Management person-hours per year	(G) Clerical person hours per year	(H) Cost ^b \$
(Ex0.05)	(Ex0.1)	
2.4	4.8	\$6,044.57
0	0	\$0
0	0	\$0
0	0	\$0
0	0	\$0
0	0	\$0
38.4	76.8	\$96,713.16
6	12	\$15,111.43
1,076		\$117,869
28.8	57.6	\$72,534.87
150	300	\$377,785.80
4,112		\$450,321
5,190		\$568,000
		\$101,000
		\$669,000

Respondant Rates

(Source: United States Department of Labor, Bureau of Labor Statistics, June 2017, "Table 2. Civilian Workers, by occupational and industry group.")

<u>Labor Type</u>	<u>Total Compensation (\$/hr)</u>	<u>Loaded Rate</u> (Rate + 110%rate)
Mgmt.	\$71.12	\$149.35
Tech.	\$53.80	\$112.98
Cler.	\$26.10	\$54.81

6(b)(iii) Capital/Startup vs. Operation and Maintenance

Capital/Startup vs. Operation and Maintenance			
(A) Continuous Monitoring Device	(B) Capital/ Startup Cost for One Respondent	(C) Number of New Respondents	(D) Total Capital/ Startup Cost, (B X C)
Temperature	8000.00	0.00	0.00

43 hr/resp

from the United States Department of Labor,
column 1, “Total compensation.” They have been

ance (O&M) Costs

intenance (O&M) Costs

(E) Annual O&M Costs for One Respondent	(F) Number of Responden ts with O&M	(G) Total O&M, (E X F)
2100.00	48.00	\$100,800

Activity	(A) EPA person- hours per occurrence	(B) No. of occurrence s per plant per year	(C) EPA person- hours per plant per year (C=AxB)	(D) Plants per year ^a	(E) Technical person- hours per year (E=CxD)
1. Initial Performance Test	24	1	24	0	0
2. Repeat Performance Test ^c	24	1	24	0	0
3. Report Review					
A. New Plants					
i. Notification of Construction	2	1	2	0	0
ii. Notification of Initial Startup	0.5	1	0.5	0	0
iii. Notification of Actual Startup	0.5	1	0.5	0	0
iv. Notification of Initial Test	0.5	1.2	0.6	0	0
v. Review Test Results	8	1.2	9.6	0	0
B. Existing Plants					
i. Semiannual Reports	2	2	4	48	192
ii. Excess Emissions Reports	2	0.5	1	48	48
TOTAL (rounded): ^d					

Assumptions:

^a Assumes an average of 48 affected facilities, with no new plants coming online.

^b This cost is based on the following labor rates which incorporates a 1.6 benefits multiplication factor to account for go Managerial rate (GS-13, Step 5, \$40.50 x 1.6), \$48.08 Technical rate (GS-12, Step 1, \$30.05 x 1.6), and \$26.02 Clerical These rates are from the Office of Personnel Management (OPM) 2017 General Schedule, which excludes locality rates

^c Assumed 20% rate of failed performance tests.

^dTotals have been rounded to 3 significant values. Figures may not add exactly due to rounding.

(F) Management person-hours per year (Ex0.05)	(G) Clerical person-hours per year (Ex0.1)	(H) Cost ^b \$
0	0	\$0
0	0	\$0
0	0	\$0
0	0	\$0
0	0	\$0
0	0	\$0
9.6	19.2	\$10,352.95
2.4	4.8	\$2,588.24
276		\$12,900

Agency Rates

Source: Office of Personnel Management (OPM),
2017 General Schedule

	Hourly Mean Wage	With Fringe & Overhead
(GS- 12, step 1) - Tech.	30.05	\$48.08
(GS- 13, step 5) - Mgmt.	40.5	\$64.80
(GS-6, step 3) - Cler.	16.26	\$26.02

overnment overhead expenses: \$64.80
rate (GS-6, Step 3, \$16.26 x 1.6).
of pay.