

Burden item	(A) Person hours per occurrence	(B) No. of occurrences per respondent per year	(C) Person hours per respondent per year (AxB)	(D) Respondents per year ^a	(E) Technical person-hours per year (Cx D)
1. Applications					N/A
2. Survey and Studies					N/A
3. Reporting Requirements					
A. Familiarization with the regulatory requirements					See 3B
B. Required Activities					
New Sources					
Initial performance test ^c	20.87	1	20.87	0	0
Repeat performance test ^d	20.87	1	20.87	0	0
New and Existing Sources					
Monitoring of emissions and operations					See 4E
C. Create information					See 3B
D. Gather existing information					See 3E
E. Write Report					
New Sources					
Notification of construction/reconstruction/modification	1.74	1	1.74	0	0
Notification of initial startup	1.74	1	1.74	0	0
Notification of CMS demonstration	1.74	1	1.74	0	0
Notification of initial performance test	1.74	1	1.74	0	0
Report of performance test					See 3B
New and Existing Sources					
Semiannual reports ^e	13.91	2	27.82	13	361.66
Subtotal for Reporting Requirements					
4. Recordkeeping requirements					
A. Familiarization with the regulatory requirements					See 3A
B. Plan activities					See 4E
C. Implement Activities					See 4E
D. Develop record system					N/A
E. Time to enter information					
Records monitoring of emissions and operations ^f	0.64	365	233.6	13	3,036.8
Records of startups, shutdowns, malfunctions, etc. ^g	1.3	1	1.3	52	67.6
F. Train Personnel					N/A
G. Audits					N/A
Subtotal for Recordkeeping Requirements					
TOTAL LABOR BURDEN AND COST (rounded) ^h					
Capital and O&M Cost (see Section 6(b)(iii)): ^h					
TOTAL COST: ^h					

Assumptions:

- a We have assumed that there are approximately 52 sources currently subject to NSPS, subpart KK. We have assumed that there
- b This ICR uses the following labor rates: \$138.43 per hour for Executive, Administrative, and Managerial labor; \$106.45 per hour for
- c All sources are required to use Method 9 for opacity observations, except for lead oxide manufacturing facilities. All responder
- d We have assumed that 20 percent of initial performance tests must be repeated due to failure.
- e Semiannual reports are required by this rule for those sources that have to install continuous monitoring systems (e.g., pressure
- f Monitoring of emissions and operations requirements includes pressure drop measurements across the scrubbing system at least
- g Monitoring of emissions and operations requirements includes the time it takes to familiarize with the regulatory requirements.
- ^h Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.”

138.43 52.77

updates:

updated
labor
rates

(F) Managem nt person hours per year (Ex0.05)	(G) Clerical person hours per year (Ex0.1)	(H) Total Cost Per year _b
0	0	\$0
0	0	\$0
0	0	\$0
0	0	\$0
0	0	\$0
0	0	\$0
18.08	36.17	\$42,910.42
416		\$42,910.42
151.84	303.68	\$360,311.76
3.38	6.76	\$8,020.64
3,570		\$368,332.40
3,990		\$411,000
		\$11,700
		\$423,000

decrease in hours - mathematical error
61 hr/resp

Labor Statistics, September 2015, "Table 2: Civilian Workers, by Occupational and Industry Group." The rates are from column 1, "least three runs of 60 minutes and 0.85 dscm."

Total Compensation.” The rates have been increased by 110 percent to account for the benefit packages available to those employed

by private industry.

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	(E) Technical person-hours per year (CxD)	(F) Management person-hours per year (Ex0.05)
New Sources						
Notification of construction/reconstruction	1.74	1	1.74	0	0	0
Notification of initial startup	0.87	1	0.87	0	0	0
Notification of CMS demonstration	0.87	1	0.87	0	0	0
Notification of Initial Performance Test	0.43	1.2	0.52	0	0	0
Initial Performance Test	20.87	1	20.87	0	0	0
Repeat of Performance Test ^c	20.87	0.2	4.17	0	0	0
Review Performance Test results ^c	6.96	1.2	8.35	0	0	0
New and Existing Sources						
Review of Semi-annual Reports ^d	2	1	2	13	26	1.3
TOTAL ANNUAL BURDEN AND COST (rounded) ^e						30

Assumptions:

- ^a We have assumed that there are approximately eighty-nine respondents, with no additional new or reconstructed sources becoming subject to the rule.
- ^b This cost is based on the following hourly labor rates times a 1.6 benefits multiplication factor to account for government overhead expenses.
- ^c We have assumed that 20 percent of initial performance tests is typically repeated due to failure.
- ^d We have assumed that 25 percent of the 52 existing sources (i.e., 13 sources) have scrubber systems and are therefore, required to install scrubbers.
- ^e Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.”

25.76

(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
2.6	\$1,388.50
	\$1,390

updates:

updated labor rates

decrease in hours - mathematical error

ect to the rule over the next three years. Within those eighty-nine existing sources, only seventy-six are subject to the emission limits
enses: \$64.16 for Managerial, \$47.62 for Technical and \$25.76 for Clerical. These rates are from the Office of Personnel Managemer

l and maintain a monitor to measure and record pressure drop across the scrubbing system, and submit semi-annual reports.

in the standard. The remaining thirteen respondents are permitted as synthetic minors and, therefore, are not subject to the emission limit (OPM) "2016 General Schedule" which excludes locality rates of pay.

imits in the standard.

