

Burden item	(A)	(B)	(C)
	Person hours per occurrence	No. of occurrences per respondent per year	Person hours per respondent per year (C=AxB)
1. Applications	N/A		
2. Survey and Studies	N/A		
3. Reporting Requirements			
A. Familiarization with rule requirements	2	1	2
B. Required activities ^c			
i. Method 5 performance test ^d	40	7.6	304
ii. Method 9 performance test ^d	8	3.6	28.8
iii. Method 9071B performance test	2	365	730
iv. Startup, shutdown, malfunction plan ^e	40	1	40
v. Inspection and maintenance of capture systems and control devices	2	12	24
C. Gather existing information	See 4D, 4E		
D. Write report ^c			
i. Notification of applicability ^e	2	1	2
ii. Notification of compliance status ^e	2	1	2
iii. Notification of intent to construct a major source and review application ^e	4	1	4
iv. Notification of initial construction/reconstruction ^e	4	1	4
v. Notification of actual startup ^e	4	1	4
vi. Notification of performance test ^e	4	1	4
vii. Reports of performance test results	See 3B, 4E		
viii. Semiannual compliance reports	40	2	80
ix. Startup, shutdown, malfunction report ^f	4	1	4
Subtotal for Reporting Requirements			
4. Recordkeeping Requirements			
A. Familiarization with rule requirements	See 3A		
B. Plan activities ^e	10	1	10
C. Implement activities	See 3B		
D. Develop record system	N/A		
E. Time to enter and transmit information ^g	3.25	52	169
F. Time to train personnel ^e	3	1	3
G. Time for audits	N/A		

Subtotal for Recordkeeping Requirements			
TOTAL LABOR BURDEN AND COST (rounded) ^h			
TOTAL CAPITAL AND O&M COST (rounded) ^h			
GRAND TOTAL (rounded) ^h			

Assumptions:

- ^a There are approximately 12 existing sources currently subject to this rule. There will be no additional new source that will be
- ^b This ICR uses the following labor rates: \$147.40 per hour for Executive, Administrative, and Managerial labor; \$117.92 per United States Department of Labor, Bureau of Labor Statistics, June 2018, “Table 2. Civilian Workers, by Occupational and In increased by 110% to account for the benefit packages available to those employed by private industry.
- ^c Monitoring and recordkeeping of operations for respondents will include monthly inspection of capture and control systems; samples taken at 8-hour intervals]) to compute the 30-day rolling average oil content for each operating day; and every 2.5 year for opacity observations to determine the opacity of fugitive emissions (12 plants).
- ^d We have assumed that there is an average of 7.6 emission points per respondent that need to be sampled using Method 5 and
- ^e These requirements are one-time requirements that apply to new respondents. There are no new respondents estimated over t
- ^f We have assumed that one respondent per year will have at least one startup, shutdown, or malfunction (SSM) that is not ma
- ^g We have assumed that it takes each respondent approximately 3.25 hours per week to record and transmit information.
- ^h Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

These rates

	\$ 117.92	\$ 147.40	\$ 57.02	Labor Cost Per Hour
(D)	(E)	(F)	(G)	(H)
Respondents per year ^a	Technical person- hours per year (E=CxD)	Management person hours per year (Ex0.05)	Clerical person hours per year (Ex0.1)	Total Cost Per year ^b
12	24	1.2	2.4	\$3,143.81
12	3,648	182.4	364.8	\$477,858.82
12	345.6	17.28	34.56	\$45,270.84
4	2,920	146.0	292	\$382,496.64
0	0	0	0	\$0
12	288	14.4	28.8	\$37,725.70
0	0	0	0	\$0
0	0	0	0	\$0
0	0	0	0	\$0
0	0			\$0
0	0	0	0	\$0
0	0	0	0	\$0
12	960	48	96	\$125,752.32
1	4	0.2	0.4	\$523.97
	9,418			\$1,072,772
0	0	0	0	\$0
12	2,028	101.4	202.8	\$265,651.78
0	0	0	0	\$0

	2,332			\$265,652
	11,800			\$1,340,000
				\$52,700
				\$1,390,000

393
hr/resp

come subject to the rule each year over the three-year period of this ICR.

hour for Technical labor, and \$57.02 per hour for Clerical labor. These rates are from the industry group.” The rates are from column 1, “Total Compensation.” The rates have been

daily testing of oil content for the sinter plant feed (4 plants [from the composite of three rs, each emission point must be sampled by Method 5 for particulate matter and Method 9

3.6 emission points per respondent to need to be sampled using Method 9.

he 3 year period of this ICR.

naged according to the SSM plan.

were updated 11/15/18 to match the United States Department of Labor, Bureau of Labor Statistics, June 2018, "T

Table 2. Civilian Workers, by occupational and industry group

Table 2: Average Annual EPA Burden and Cost – Average Annual EPA Burden and Cost – NJ

Activity	(A)	(B)	(C)	(D)
	EPA person-hours per occurrence	No. of occurrences per plant per year	EPA person-hours per plant per year (C=AxB)	Plants per year ^a
New Respondents ^c				
i. Notification of compliance status	4	1	4	0
ii. Notification of intent to construct a major source and review application	4	1	4	0
iii. Notification of start of construction	2	1	2	0
iv. Notification of actual startup	2	1	2	0
v. Notification of initial performance test and test plan	4	1	4	0
Existing Respondents				
i. Performance test report for Method 5 and Method 9 ^d	20	0.4	8	12
ii. Review semiannual compliance reports ^e	8	2	16	12
iii. Review of startup, shutdown, and malfunction reports ^f	4	1	4	1
TOTAL ANNUAL BURDEN AND COST (rounded)^g				

Assumptions:

^a There are approximately 12 existing sources currently subject to this rule. There will be no additional new source that v ICR.

^b This cost is based on the following labor rates which incorporates a 1.6 benefits multiplication factor to account for gov \$41.07 + 60%), Technical rate of \$48.75 (GS-12, Step 1, \$30.47 + 60%), and Clerical rate of \$26.38 (GS-6, Step 3, \$16.4 “2018 General Schedule” which excludes locality rates of pay.

^c These requirements are one-time requirements that apply to new respondents. There are no new respondents estimated o

^d Every 2.5 years (or about 0.4 times per year, if averaged over the three-year period of ICR), respondents must sample ea opacity observations, and submit a report with results.

^e Sources are required to submit semiannual compliance reports.

^f We have assumed that one respondent per year will have at least one startup, shutdown, or malfunction (SSM) that is not

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

ESHAP for Integrated Iron and Steel Manufacturing (40 CFR Part 63, Subpart FFFFF) (R

These rates were upda

\$ 48.75	\$ 65.71	\$ 26.38	Labor Cost per Hour
(E)	(F)	(G)	(H)
Technical person- hours per year (E=CxD)	Management person-hours per year (Ex0.05)	Clerical person-hours per year (Ex0.1)	Cost, \$ ^b
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
96	4.8	9.6	\$5,248.66
192	9.6	19.2	\$10,497.31
4	0.2	0.4	\$218.69
336			\$16,000

will become subject to the rule each year over the three-year period of this

ernment overhead expenses: Managerial rate of \$65.71 (GS-13, Step 5, 9 + 60%). These rates are from the Office of Personnel Management (OPM)

ver the 3 year period of this ICR.

ch emission point using Method 5 for particulate matter and Method 9 for

t managed according to the SSM plan.

renewal)

dated 11/15/18 to match the rates from the Office of Personnel Management (OPM), 2018 General Schedule.

(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
Leak detectors	\$9,000	0	0	\$2,389	12
Continuous opacity monitors	\$37,000	0	0	\$8,000	3
TOTAL					

(G)
Total O&M,
\$28,668
\$24,000
\$52,700