

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. Survey and Studies	N/A		
3. Reporting requirements			
A. Familiarization with rule requirements ^c	1	1	1
B. Required activities			
Performance tests ^d	194	1	194
Repeat of performance test ^e	194	1	194
Daily monitoring of emissions and operations	See 4E		
C. Create information	See 3B and 4E		
D. Gather existing information	See 3B and 4E		
E. Write Report			
Notification of reconstruction or modification	2	1	2
Notification of performance test	2	1	2
Performance test results	32	1	32
Semiannual report of excess emissions ^f	10	2	20
Subtotal for Reporting Requirements			
4. Recordkeeping requirements			
A. Familiarization with rule requirements	See 3A		
B. Plan activities	See 3B		
C. Implement Activities	See 3B		
D. Develop record system	N/A		
E. Time to enter information			
Records of operating parameters			
- Exhaust ventilation rate ^g	0.25	365	91.25
- Across the venture scrubber (i.e., pressure drop and water supply pressure) ^h	0.25	365	91.25
Records of performance test	See 3B		
Records of duration of each steel production cycle, and time and duration of any diversion of exhaust gases from the main stack serving the BOPF ⁱ	0.25	365	91.25
Recalibrate and check monitoring devices ^j	8	1	8
F. Time to train personnel			
- Certification of opacity observer ^k	8	2	16
a We have assumed that there are approximately 13 respondents (i.e., BOPF shops) that are subject to the regulation, with no additional new or reconstructed sources becoming subject to the rule over the next three years.			
Subtotal for Recordkeeping Requirements			
TOTAL LABOR BURDEN AND COST (rounded)^l			
TOTAL CAPITAL AND O&M COST (rounded)^l			
GRAND TOTAL (rounded)^l			

Assumptions:

- ^a We have assumed that there are approximately 13 respondents (i.e., BOPF shops) that are subject to the rule over the next three years.
- ^b This ICR uses the following labor rates: \$149.84 per hour for Executive, Administrative, and Managerial labor; \$ labor. These rates are from the United States Department of Labor, Bureau of Labor Statistics, September 2020, Table are from column 1, Total Compensation. The rates have been increased by 110 percent to account for the benefit payments.
- ^c We have assumed that it will take one hour for each respondent to familiarize with rule requirements.
- ^d We have assumed that it will take 194 hours for each respondent to complete a performance test. This is a one time cost.
- ^e We have assumed that it will take 10 percent of respondents to repeat performance test due to failures. This is a one time cost.
- ^f We have assumed that it will take 10 hours twice per year for each respondent to write the semiannual reports if needed.
- ^g We have assumed that it will take each of the 13 respondents 0.25 hours, 365 times per year, to record the exhaust test results.
- ^h We have assumed eleven of the existing respondents will use venturi scrubbers as primary emission control system. These respondents, 365 times per year, will enter information on records of CMS operating parameters across the venturi scrubber.
- ⁱ We have assumed that it will take each respondent 0.25 hours, 365 days per year, to record the duration of each test.
- ^j We have assumed that it will take each respondent eight hours once per year to recalibrate and check monitoring equipment.
- ^k We have assumed that it will take each respondent eight hours twice per year to train personnel on certification of equipment.
- ^l Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

(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
13	13	0.65	1.3	\$1,771.12
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
13	260	13	26	\$35,422.40
	314			\$37,194
13	1,186.3	59.31	118.63	\$161,614.70
11	1,003.75	50.19	100.38	\$136,750.90
13	1,186.3	59.31	118.63	\$161,614.70
13	104	5.2	10.4	\$14,168.96
13	208	10.4	20.8	\$28,337.92
	4,241			\$502,487
	4,560			\$540,000
				\$21,600
				\$562,000

175 hr per resp

tion, with no additional new or reconstructed sources becoming subject

\$122.66 per hour for Technical labor, and \$60.88 per hour for Clerical
ble 2. Civilian Workers, by Occupational and Industry groups. The rates
ackages available to those employed by private industry.

ie requirement.

ie time requirement.

xcess emission.

ventilation rate.

ns. We have assumed that it will take each of the eleven respondent 0.25
er.

eel production cycle.

devices.

opacity observer.

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
New facility				
Notification of performance test ^c	2	1	2	0
Report of performance test results ^d	8	1	8	0
Notification of reconstruction/modification ^e	2	1	2	0
Review reports: Existing and new sources				
Semiannual reports of excess emissions and monitoring systems performance ^f	5	2	10	13
TOTAL ANNUAL BURDEN AND COST (rounded)^g				

Assumptions:

^a We have assumed that there are approximately 13 respondents (i.e., BOPF shops) that are subject to the regulation, with no new respondents becoming subject to the rule over the next three years.

^b This cost is based on the following hourly labor rates times a 1.6 benefits multiplication factor to account for government overhead for Technical and \$27.73 Clerical. These rates are from the Office of Personnel Management (OPM) "2021 General Schedule".

^c We have assumed that it will take two hours once per year for each respondent to perform the performance test. This is a one-time cost.

^d We have assumed that it will take eight hours once per year for each respondent to report the performance test results. This is a one-time cost.

^e We have assumed that it will take two hours once per year for each respondent to comply with the notification requirements.

^f We have assumed that it will take five hours twice per year for each respondent to submit semiannual reports of excess emissions measurements over any three hour period (e.g., of low pressure) that average more than 10 percent below the averages during the period.

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

(E) Technical person- hours per year (CxD)	(F) Managem ent person- hours per year (E x 0.05)	(G) Clerical person- hours per year (E x 0.1)	(H) Cost, \$ ^b
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
130	6.5	13	\$7,469.15
150			\$7,470

additional new or reconstructed sources

overhead expenses: \$69.04 for Managerial, \$51.23 " which excludes locality rates of pay.

one-time requirement.

is a one-time requirement.

of the rule. This is a one-time requirement.

inspections and monitoring systems with all the most recent performance test.