

Number of Respondents

Year	Respondents That Submit Reports		Respondents That Do Not Submit Any Reports		(E) Number of Respondents (E=A+B+C-D)
	(A) Number of New Respondents	(B) Number of Existing Respondents	(C) Number of Existing Respondents that keep records but do not submit reports	(D) Number of Existing Respondents That Are Also New Respondents	
1	0	2	0	0	2
2	0	2	0	0	2
3	0	2	0	0	2
Average	0	2	0	0	2

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	(E) Total Annual Responses E=(BxC)+D
Initial notifications	0	5	0	0
Notification of annual performance test	2	1	0	2
Notification of opacity and visible emissions observations	2	1	0	2
Report of annual performance test results/opacity observations	2	1	0	2
Semiannual reports	2	2	0	4
Quarterly reports	2	4	0	8
Annual compliance status certification	2	1	0	2
			Total	20

Table 1: Annual Respondent Burden and Cost – NESHAP for Ferroalloys Production: Fer

Burden item	A	B	C
	Person-hours per occurrence	Annual occurrences per respondent	Person-hours per respondent per year (AxB)
1. Applications	N/A		
2. Surveys and studies	N/A		
3. Acquisition, installation, and utilization of technology and systems	N/A		
4. Reporting requirements ^c			
A. Familiarize with Regulatory Requirements	1	1	1
B. Required activities	See 5C		
C. Create information	See 5C		
D. Gather information	See 5C		
E. Report preparation			
i. Initial notifications	N/A		
ii. Notification of reconstruction/modification	N/A		
iii. Notification of annual performance test	2	1	2
iv. Notification of opacity and visible observations	2	1	2
v. Report of performance test results/opacity observations	5	1	5
vi. Periodic startup, shutdown and malfunction reports	10	2	20
vii. Capture hood inspection report	4	2	8
viii. Summary report of maintenance records	4	2	8
ix. Fugitive dust operations report	4	2	8
x. Quarterly excess emissions report	4	4	16
xi. Annual compliance status certification	2	1	2
Subtotal for Reporting Requirements			
5. Recordkeeping requirements			
A. Familiarize with Regulatory Requirements	See 4A		
B. Plan activities	10	1	10
C. Implement activities			
i. Control devices			
Annual Performance tests for submerged arc furnace control devices	50	1	50
Baghouse monitoring			
Daily	0.5	350	175
Weekly	0.1	50	5
Monthly	0.1	12	1.2
Quarterly	0.1	4	0.4
Semiannually	0.1	2	0.2
Parameter monitoring	0.1	1,050	105
ii. Monthly capture system inspection	2	12	24
iii. Opacity violation - scrubber	2	1	2
iv. Opacity violation - baghouse	2	20	40
v. Monitoring violation - capture system	2	12	24
D. Develop record system ^c	N/A		
E. Enter and transmit information	See 5C		

F. Personnel training	N/A		
G. Adjust existing ways to comply with previously applicable requirements	N/A		
H. Disclose information	N/A		
I. Audits	N/A		
Subtotal for Recordkeeping Requirements			
TOTAL LABOR BURDEN AND COST (rounded) ^d			
Capital and O&M Cost (rounded) ^d			
GRAND TOTAL (rounded) ^d			

Assumptions:

a There are two ferroalloy production facilities currently subject to the standard. No additional respondents will be next three years.

b This ICR uses the following labor rates: \$147.40 per hour for Executive, Administrative, and Managerial labor; \$ These rates are from the United States Department of Labor, Bureau of Labor Statistics, June 2018, "Table 2. Civilian, "Total Compensation." The rates have been increased by 110% to account for the benefit packages available to t

c Initial notification and compliance demonstration requirements and activities including the development its of rec fugitive dust plan; and the control equipment/maintenance plan, are only required for new respondents. Since there is no burden estimated for these activities.

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

romanganese and Silicomanganese (40 CFR Part 63, Subpart XXX) (Renewal)

D	E	F	G	H
Respondents per year ^a	Technical hours per year (Cx D)	Management hours per year (Ex0.05)	Clerical hours per year (Ex0.10)	Annual cost (\$) ^b
2	2	0.1	0.2	\$261.98
2	4	0.2	0.4	\$523.97
2	4	0.2	0.4	\$523.97
2	10	0.50	1.0	\$1,309.92
2	40	2	4	\$5,239.68
2	16	0.8	1.6	\$2,095.87
2	16	0.8	1.6	\$2,095.87
2	16	0.8	1.6	\$2,095.87
2	32	1.6	3.2	\$4,191.74
2	4	0.2	0.4	\$523.97
	166			\$18,862.85
2	20	1.0	2	\$2,619.84
2	100	5.0	10	\$13,099.20
2	350	17.50	35.0	\$45,847.20
2	10	0.50	1.0	\$1,309.92
2	2.4	0.12	0.24	\$314.38
2	0.8	0.04	0.08	\$104.79
2	0.4	0.02	0.04	\$52.40
2	210	10.50	21.0	\$27,508.32
2	48	2.4	4.8	\$6,287.62
2	4	0.2	0.4	\$523.97
2	80	4	8	\$10,479.36
2	48	2.4	4.8	\$6,287.62

Labor Rates		Notes:
Technical	117.92	updated 9/
Management	147.40	updated 9/
Clerical	57.02	updated 9/

Source Type	No.
Existing	2
New	0

59 hrs/response

			1,005	\$114,434.61
			1,170	\$133,000
				\$0
				\$133,000

come subject to this regulation since industry growth is not expected in the

\$117.92 per hour for Technical labor, and \$57.02 per hour for Clerical labor.
 ian Workers, by Occupational and Industry group.” The rates are from column
 hose employed by private industry.

cord systems, including the startup, shutdown and malfunction plan; the
 are no new respondents anticipated over the next three years of this ICR, there

20/18 to match the United States Department of Labor, Bureau of Labor Statistics, June 2018, "Table 2. Civilian Workers, by o
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Table 2: Average Annual EPA Burden and Cost – NESHAP for Ferroalloys Production: Ferron

Burden item	A	B	C
	EPA person-hours per occurrence	Annual occurrences per respondent	EPA person-hours per respondent per year (AxB)
1. Report reviews ^c			
A. Initial notifications	N/A		
B. Notification of reconstruction/modification	N/A		
C. Notification of annual performance test/opacity and visible emissions observations ^d	1	1	1
D. Report of performance test results/opacity observations	5	1	5
E. Semiannual summary reports	10	2	20
F. Quarterly excess emissions report	2	4	8
G. Annual compliance status certification	2	1	2
TOTAL ANNUAL COST (ROUNDED)^e			

Assumptions:

a There are two ferroalloy production facilities currently subject to the standard. No additional respondents will become subject in the next 5 years.

b This cost is based on the following labor rates which incorporates a 1.6 benefits multiplication factor to account for government contributions (60%), Technical rate of \$48.75 (GS-12, Step 1, \$30.47 + 60%), and Clerical rate of \$26.38 (GS-6, Step 3, \$16.49 + 60%). "Schedule" which excludes locality rates of pay.

c Initial notification and compliance demonstration requirements and activities including the development of record systems and the control equipment/maintenance plan, are only required for new respondents. Since there are no new respondents anticipated, these activities are not included in the burden and cost estimates.

d Notifications for performance testing and opacity and visible emissions observations are submitted concurrently for EPA reporting and compliance purposes.

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

anganese and Silicomanganese (40 CFR Part 63, Subpart XXX) (Renewal)

D	E	F	G	H
Respondents per year ^a	Technical hours per year (Cx D)	Management hours per year (Ex0.05)	Clerical hours per year (Ex0.10)	Annual cost (\$) ^b
2	2	0.10	0.2	\$109.35
2	10	0.50	1.0	\$546.74
2	40	2	4	\$2,186.94
2	16	0.8	1.6	\$874.78
2	4	0.2	0.4	\$218.69
	83			\$3,940

Labor Rates	
Technical	48.75
Management	65.71
Clerical	26.38

subject to this regulation since industry growth is not expected in the next three

government overhead expenses: Managerial rate of \$65.71 (GS-13, Step 5, \$41.07 +
 These rates are from the Office of Personnel Management (OPM) “2018 General

systems, including the startup, shutdown and malfunction plan; the fugitive dust plan;
 anticipated over the next three years of this ICR, there is no burden estimated for
 A review.

Notes:

Updated 9/20/18 to match the rates from the Office of Personnel Management (OPM), 2018 General Schedule.

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