

Table 1: Annual Respondent Burden and Cost – NESHAP for Refractory Products Manufacturing

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. Familiarize with rule requirement	0.5	1	0.5
B. Required activities			
Startup, shutdown, malfunction plan	32	1	32
Operation, maintenance, monitoring plan	32	1	32
C. Create information	See 3B		
D. Gather existing information	See 3B		
E. Write report			
Notification of applicability	2	1	2
Notification of construction/ reconstruction	2	1	2
Notification of anticipated startup	2	1	2
Notification of actual startup	2	1	2
Notification of performance test	2	1	2
Notification of compliance status	16	1	16
Notification of intent to use alternative fuel ^c	2	1	2
Report of deviations ^d	16	1	16
Report of no deviations ^e	8	2	16
Startup, shutdown, malfunction report ^f	8	1	8
Report of alternative fuel use ^g	4	1	4
Subtotal for Reporting Requirements			
4. Recordkeeping Requirements			
A. Familiarize with rule requirement ^h	4	1	4
B. Plan activities	See 4E		
C. Implement activities	See 4E		
D. Develop record system	See 4E		
E. Time to enter information			
Records of all information required by standards ⁱ	0.25	52	13
F. Time to train personnel	20	1	20
G. Time to adjust existing ways to comply with previously applicable rec	N/A		
H. Time to transmit or disclose information ^j	0.25	2	0.5
I. Time for audits	N/A		
Subtotal for Recordkeeping Requirements			

TOTAL ANNUAL BURDEN AND COSTS: ^k			
Capital and O&M Cost (see Section 6(b)(iii)): ^k			
TOTAL COST: ^k			

Assumptions:

- ^a We have assumed that the average number of respondents that will be subject to the rule will be eight. There will be no additional respondents.
- ^b This ICR uses the following labor rates: \$129.93 per hour for Executive, Administrative, and Managerial labor; \$103.97 per hour for other labor.
- ^c We have assumed that three respondents will use alternative fuel once per year and will have to submit notification of intent to use alternative fuel.
- ^d We have assumed that one respondent will report deviation once a year.
- ^e We have assumed that seven respondents will report no deviation on a semiannual basis.
- ^f It is assumed that one respondent will have a startup, shutdown, malfunction occur.
- ^g We have assumed that three respondents will report on alternative fuel usage once a year.
- ^h We have assumed that it will take 4 hours for each respondent to read and familiarize with rule requirements.
- ⁱ We have assumed that information will be recorded once per week for 52 weeks per year.
- ^j We have assumed that it will take 0.25 hours for information to be transmitted or disclosed.
- ^k Totals have been rounded to 3 significant values. Figures may not add exactly due to rounding.

3 (40 CFR Part 63, Subpart SSSSS) (Renewal)

	103.97	129.93	51.79	
(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) Cost, \$ ^b
8	4	0.2	0.4	\$462.58
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	\$0
0	0	0	0	\$0
0	0	0	0	\$0
3	6	0.3	0.6	\$693.87
1	16	0.8	1.6	\$1,850.33
7	112	5.6	11.2	\$12,952.30
1	8	0.4	0.8	\$925.16
3	12	0.6	1.2	\$1,387.75
		182		\$18,271.99
8	32	1.6	3.2	\$3,700.66
8	104	5.2	10.4	\$12,027.13
0	0	0	0	\$0
8	4	0.2	0.4	\$463
		161		\$16,190.37

	343			\$34,000
				\$3,040
				\$37,000

16 hr/resp

ditional new source per year that will become subject to the rule over the three-year period of this ICR.

r hour for Technical labor, and \$51.79 per hour for Clerical labor. These rates are from the United States Department of Labor to use alternative fuel.

bor, Bureau of Labor Statistics, June 2014, "Table 2: Civilian Workers, by Occupational and Industry group." The rates

are from column 1, "Total Compensation." The rates have been increased by 110% to account for the benefit packages a

available to those employed by private industry.

Table 2: Average Annual EPA Burden and Cost – NESHAP for Refractory Products Manufactu

Activity	(A) EPA person-hours per occurrence	(B) No. of occurrences per plant per year	(C) EPA person-hours per plant per year (C=AxB)	(D) Plants per year ^a
Attend initial performance test	40	1	40	0
Attend repeat performance test				
Retesting preparation	8	1	8	0
Retesting	40	1	40	0
Report Review				
Notification of applicability	2	1	2	0
Notification of construction/reconstruction	2	1	2	0
Notification of anticipated startup	2	1	2	0
Notification of actual startup	2	1	2	0
Notification of initial performance test	2	1	2	0
Notification of compliance status	2	1	2	0
Notification of intent to use alternative fuel ^c	2	1	2	3
Repeat performance test report	40	1	40	0
Semiannual compliance reports				
Deviation ^d	16	1	16	1
No Deviation ^e	8	2	16	7
Startup, shutdown, malfunction report ^f	16	1	16	1
Notification of alternative fuel use ^g	2	1	2	3
TOTAL ANNUAL BURDEN AND COST ^h				

Assumptions:

^a We have assumed that the average number of respondents that will be subject to the rule will be eight. There will be no

^b This cost is based on the following labor rates which incorporates a 1.6 benefits multiplication factor to account for gove

^c We have assumed that three respondent will use alternative fuel once per year and will have to submit notification of int

^d We have assumed that one respondent will report deviation once a year.

^e We have assumed that seven respondents will report no deviation on a semiannual basis.

^f It is assumed that one respondents will have a startup, shutdown, malfunction occur.

^g We have assumed that three respondents will report on alternative fuel usage once a year.

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

iring (40 CFR Part 63, Subpart SSSSS) (Renewal)

46.67	62.9	25.25	
(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
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
6	0.3	0.6	\$314.04
0	0	0	\$0
16	0.8	1.6	\$837.44
112	5.6	11.2	\$5,862.08
16	0.8	1.6	\$837.44
6	0.3	0.6	\$314.04
179			\$8,170

additional new source per year that will become subject to the rule over the three-year period of this ICR.

Government overhead expenses: Managerial rate of \$62.90 (GS-13, Step 5, \$39.31 x 1.6), Technical rate of \$46.67 (GS-12, S
 ent to use alternative fuel.

Step 1, $\$29.17 \times 1.6$), and Clerical rate of $\$25.25$ (GS-6, Step 3, $\$15.78 \times 1.6$). These rates are from the Office of Personr

nel Management (OPM) "2015 General Schedule" which excludes locality rates of pay.