

**Table 1: Annual Respondent Burden and Cost - NESHAP for Clay Ceramics Manufacturing, Glass Manufacturing**

106.45

<b>Burden Item</b>	<b>(A) Respondent Hours per Occurrence</b>	<b>(B) Number of Occurrences per Respondent per Year</b>	<b>(C) Hours per Respondent per Year (C=AxB)</b>	<b>(D) Number of Respondents per Year</b>	<b>(E) Technical Hours per Year (E=CxD)</b>
1. Applications	N/A				
2. Surveys and Studies	N/A				
3. Acquisition, installation, and utilization of technology and systems	N/A				
4. Reporting Requirements					
A. Familiarize with regulatory requirements <sup>b</sup>	2	1	2	21	42
B. Required activities					
Initial notification of applicability <sup>c</sup>	2	1	2	0	0
Notification of compliance status <sup>d</sup>	4	1	4	0	0
C. Create information	See 4B				
D. Gather existing information	See 4B				
E. Write report	See 4B				
<b>Subtotal for Reporting Requirements</b>					
5. Recordkeeping Requirements					
A. Familiarize with regulatory requirements <sup>e</sup>	See 4A				
B. Plan activities	See 5E				
C. Implement activities	See 5E				
D. Record data <sup>f, i</sup>	0.1	1,095	109.5	14	1,533
E. Time to transmit or disclose information <sup>g, i</sup>	0.25	3.3	0.83	0	0
F. Time to train personnel <sup>h, i</sup>	12	1	12	0	0
G. Time for audits <sup>i</sup>	N/A				
<b>Subtotal for Recordkeeping Requirements</b>					
<b>TOTAL LABOR BURDEN AND COST (rounded) <sup>j</sup></b>					
<b>TOTAL CAPITAL AND O&amp;M COST (rounded) <sup>j</sup></b>					
<b>GRAND TOTAL (rounded) <sup>j</sup></b>					

**Assumptions:**

- <sup>a</sup> This ICR uses the following labor rates: \$138.43 for managerial labor, \$106.45 for technical labor, and \$52.77 for clerical la
- <sup>b</sup> There are an estimated 21 existing glass manufacturing facilities, 51 existing clay manufacturing facilities, and 10 existing s
- <sup>c</sup> After full implementation, existing facilities are no longer required to submit an Initial Notification.
- <sup>d</sup> After full implementation, existing facilities are no longer required to submit Notifications of Compliance Status.
- <sup>e</sup> After full implementation, existing facilities are no longer required to keep records of the notifications.
- <sup>f</sup> We estimate 21 glass manufacturing facilities with 27 affected furnaces. It is assumed that 13 of the 27 affected furnaces can
- <sup>g</sup> Since Initial Notification and Notifications of Compliance Status are not expected for existing facilities after full implement
- <sup>h</sup> After full implementation, training is not expected to occur at existing facilities.
- <sup>i</sup> Because the data are already collected by respondents as required by the existing permit requirements, no costs or burden are
- <sup>j</sup> Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

, and Secondary Nonferrous Metals Processing (40 CFR Part 63, Subparts RRRRRR, SSSSSS, and TTTTTT) (Renew  
 138.43 52.77

(F) Management Hours per Year (F=Ex0.05)	(G) Clerical Hours per Year (G=Ex0.1)	(H) Total Labor Costs per Year <sup>a</sup>
2.1	4.2	\$4,983.24
0	0	\$0
0	0	\$0
<b>48</b>		<b>\$4,983</b>
76.65	153.3	\$181,888.15
0	0	\$0
0	0	\$0
<b>1,763</b>		<b>\$181,888</b>
<b>1,810</b>		<b>\$187,000</b>
		<b>\$9,850</b>
		<b>\$197,000</b>

129 hr/response

bor. These rates are from the United States Department of Labor, Bureau of Labor Statistics, September 2015, “Table 2. Civi  
 econdary nonferrous metals processing facilities that use HAP metals. We assume all existing respondent will have to re-fan

meet the emission limit without installation of a control device. It is assumed that each of the remaining 14 affected furnaces  
 tion, transmittal of these items is not expected.

associated with these information collection activities for clay ceramics manufacturing and secondary nonferrous metals proc

al)

lian Workers, by Occupational and Industry group.” The rates are from column 1, “Total Compensation.” The rates have familiarize with regulatory requirements each year. No new facilities are expected in any of the industries.

; have automatic monitoring and recording systems.

essing.

e been increased by 110 percent to account for the benefit packages available to those employed by private industry.



**Table 2: Average Annual EPA Burden and Cost - NESHAP for Clay Ceramics Manufacturing, Glass Manufact**

47.62 64.16

<b>Burden Item</b>	<b>(A) EPA Hours per Occurrence</b>	<b>(B) Number of Occurrenc es per Plant per Year</b>	<b>(C) EPA Hours per Year (C=AxB)</b>	<b>(D) Plants per Year</b>	<b>(E) Technical Hours per Year (E=CxD)</b>	<b>(F) Managem ent Hours per Year (F=Ex0.05 )</b>
Attend performance test <sup>b</sup>	16	1	16	1	16	0.8
Report review:						
Initial notification of applicability <sup>c</sup>	2	1	2	0	0	0
Notification of performance test <sup>d</sup>						
Notification of compliance status <sup>e</sup>	4	1	4	0	0	0
Travel expenses for tests attended <sup>f</sup>						
<b>TOTAL ANNUAL BURDEN (rounded) <sup>g</sup></b>						<b>18</b>

**Assumptions:**

- <sup>a</sup> This ICR uses the following average hourly labor rates: \$64.16 for managerial (GS-13, Step 5, \$40.10×1.6), \$47.62 (GS-11, Step 5, \$30.00×1.6)
- <sup>b</sup> Assumes Agency personnel will attend the performance test for one affected source per year. This only applies for glass manufacturing.
- <sup>c</sup> After full implementation, existing facilities are not required to submit Initial Notifications..
- <sup>d</sup> Not required
- <sup>e</sup> After full implementation, existing facilities are not required to submit Notifications of Compliance Status.
- <sup>f</sup> Assumes Agency personnel (1 person) will spend 2 days per plant, at \$50 per diem per day, and \$400 transportation expenses per plant per year.
- <sup>g</sup> Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

uring, and Secondary Nonferrous Metals Processing (40 CFR Part 63, Subparts RRRRRR, SSSSSS, and TTTTTT

25.76

(G) Clerical Hours per Year (G=Ex0.1)	(H) Costs per Year <sup>a</sup>
1.6	\$854.46
0	\$0.00
0	\$0.00
	\$500
	<b>\$1,350</b>

S-12, Step 1, \$29.76×1.6) for technical and \$25.76 (GS-6, Step 3, \$16.10×1.6) for clerical. These rates are from the Office of Manufacturing Area sources.

expense per round trip to attend performance tests.

**T) (Renewal)**

ce of Personnel Management (OPM), 2016 General Schedule, which excludes locality rates of pay. The rates have been



increased by 60 percent to account for the benefit packages available to government employees.