

### **ICR Summary Information**

Hours Per Response	5
Number of Respondents	15
Total Estimated Burden Hours	240
Total Estimated Costs	\$84,300
Annualized Capital O&M	\$51,500
Form Number	5900-484

**Table 1: Annual Respondent Burden and Cost – NESHAP for Carbon Black Production (40**

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. Surveys and Studies	N/A		
3. Reporting Requirements			
A. Read Rule <sup>c</sup>	8	1	8
B. Required activities			
1. Initial Performance Tests	See 3E		
2. Periodic 5-year Performance Testing	See 3E		
C. Create Information	See 3E		
D. Gather Information	See 3E		
E. Report Preparation			
1. Report of Initial Performance Test Results (Applicability Assessment) <sup>c</sup>	4	1	4
2. Report of Periodic Performance Test Results <sup>d</sup>	8	1	8
3. Notification of Performance Test Dates <sup>c,d</sup>	1	1	1
4. Notification of Compliance Status			
a. Initial Boiler Tune Up <sup>c</sup>	3	1	3
b. Initial Performance Test (Applicability Assessment)	See 3E.1		
5. Periodic Reports			
a. Periodic 5-year Performance Test Results	See 3E.2		
b. Subsequent Boiler Tune Up <sup>e</sup>	1	2	2
c. Periodic Reports	8	2	16
<b>Subtotal for Reporting Requirements</b>			
4. Recordkeeping Requirements			
A. Read Instructions	See 3A		
B. Plan activities	See 3E		
C. Implement activities	See 3E		
D. Develop record system	N/A		
E. Record Information			
1. Performance Test Report Records <sup>c,d</sup>	0.5	1	0.5
2. Boiler Tune-Up Records <sup>e</sup>	2	1	2
F. Train Personnel			
1. Understand Requirements and Adjust Compliance Plan <sup>c</sup>	20	1	20
G. Audits	N/A		
<b>Subtotal for Recordkeeping Requirements</b>			
<b>TOTAL LABOR BURDEN AND COST (rounded) <sup>f</sup></b>			
<b>TOTAL CAPITAL AND O&amp;M COSTS (rounded) <sup>f</sup></b>			
<b>GRAND TOTAL (rounded) <sup>f</sup></b>			

**Assumptions:**

- <sup>a</sup> Assumes that there is an average of 15 respondents per year subject to the standards and that no additional respondents are included.
- <sup>b</sup> This ICR uses the following labor rates: Managerial \$172.41 (\$82.10+ 110%); Technical \$141.75 (\$67.50 + 110%) of Labor, Bureau of Labor Statistics, December 2023, "Table 2. Civilian workers by occupational and industry group." Percentages are used to account for varying industry wage rates and the additional overhead business costs of employing workers for training, and equipping their employees.
- <sup>c</sup> We assume all facilities will refamiliarize with the rule each year, and all other initial requirements will not occur over the 5-year period.
- <sup>d</sup> We estimate that 20% (3) respondents will perform the 5-year periodic performance test annually.
- <sup>e</sup> We assume all respondents will comply with the rule by venting tail gas to process boilers for use as fuel gas, and a credit will be given for the gas used.
- <sup>f</sup> Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

CFR Part 63, Subpart YY) (Renewal)

(D)	(E)	(F)	(G)	(H)
Respondents per year <sup>a</sup>	Technical person- hours per year (E=CxD)	Management person-hours per year (F=Ex0.05)	Clerical person-hours per year (G=Ex0.1)	Cost (\$) <sup>b</sup>
15	120	6	12	\$18,900.78
0	0	0	0	\$0
3	24	1.2	2.4	\$3,780.16
3	3	0.15	0	\$472.52
0	0	0	0	\$0
15	30	1.5	3	\$4,725.20
15	240	12	24	\$37,801.56
		<b>204</b>		<b>\$27,879</b>
3	2	0.075	0.15	\$236.26
15	30	1.5	3	\$4,725.20
0	0	0	0	\$0.00
		<b>36</b>		<b>\$4,961</b>
		<b>240</b>		<b>\$32,800</b>
				<b>\$51,500</b>
				<b>\$84,300</b>

Responses  
51

ments per year will become subject to the standards.

; and Clerical \$71.36 (\$33.98 + 110%). These rates are from the United States Department .” The rates are from column 1, “Total compensation.” The rates are increased by 110 beyond their wages and benefits, including business expenses associated with hiring,

ver the three year period of this ICR.

s such will need to document and report boiler tune-ups.

Technical	\$141.75
Management	\$172.41
Clerical	\$71.36

**Hr/Response**

**Table 2: Average Annual EPA Burden and Cost – NESHAP for Carbon Black Production (40 CFR Part 63, Subpart Y**

Activity	(A)	(B)	(C)	(D)	(E)
	EPA person-hours per occurrence	No. of occurrences per plant per year	EPA person-hours per plant-year (C=AxB)	Plants per year <sup>a</sup>	Technical person-hours per year (E=CxD)
1. Applications	N/A				
2. Read and Understand Rule Requirements <sup>c</sup>	8	1	8	0	0
3. Required Activities					
A. Create Information					
1. Initial Performance Testing (Applicability Assessment) <sup>d</sup>	5.5	1	5.5	0	0.0
2. Periodic (Every 5 Years) Performance Testing <sup>d</sup>	8	1	8	0.3	2.4
B. Gather Information	N/A				
C. Report Reviews					
1. Notification of Performance Test Dates	0.5	1	0.5	3	1.5
2. Review Report of Initial Performance Test	10	1	10	0	0
3. Report of Periodic 5-Year Performance Testing	20	1	20	3	60
4. Review of Notification of Compliance Status Report	1	1	1	0	0
5. Review of Subsequent Boiler Tuneup Report	1	2	2	15	30
6. Review Periodic Report <sup>f</sup>	1	2	2	15	30
D. Prepare Annual Summary Report	4	1	4	1	4
<b>TOTAL (rounded) <sup>g</sup></b>					

**Assumptions:**

<sup>a</sup> Assumes that there is an average of 15 respondents per year subject to the standards and that no additional respondents per year

<sup>b</sup> This cost is based on the average hourly labor rate as follows: Managerial \$76.92 (GS-13, Step 5, \$48.07 + 60%); Technical and Clerical \$30.88 (GS-6, Step 3, \$19.30+ 60%). This ICR assumes that Managerial hours are 5 percent of Technical hours, and Technical hours. These rates are from the Office of Personnel Management (OPM), 2024 General Schedule, which excludes local pay increases by 60 percent to account for the benefit packages available to government employees.

<sup>c</sup> Assumes that each state and EPA region with affected sources will read the new rule requirements (6 states + 4 EPA regions) once per year and will not need to be performed in future ICR renewals.

<sup>d</sup> Assumes that agency personnel will choose to observe 10% of performance tests conducted.

<sup>e</sup> We assume all respondents will comply with the rule by venting tail gas to process boilers for use as fuel gas, and as such will not require tune-ups.

<sup>f</sup> Assumes that periodic reports will be submitted for review two times per year per facility.

<sup>g</sup> Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

**Y) (Renewal)**

(F)	(G)	(H)
<b>Management person-hours per year (F=Ex0.05)</b>	<b>Clerical person-hours per year (G=Ex0.1)</b>	<b>Cost (\$) <sup>b</sup></b>
0	0	\$0
0.0	0.00	\$0
0.1	0.2	\$154
0.075	0.15	\$96
0	0	\$0
3	6	\$3,840
0	0	\$0
1.5	3	\$1,920
1.5	3	\$1,920
0.2	0.4	\$256
<b>147</b>		<b>\$8,190</b>

<b>Labor Rates</b>	
Managerial	\$76.91
Technical	\$57.07
Clerical	\$30.88

var will become subject to the standards.

\$57.07 (GS-12, Step 1, \$35.67 + 60%);  
 and Clerical hours are 10 percent of  
 quality, rates of pay. The rates have been

= 10 respondents). This is a one-time

I need to document and report boiler



<b>Capital/Startup vs. Operation and Maintenance (</b>			
(A)	(B)	(C)	(D)
Continuous Monitoring Device	Capital/Startup Cost for One Respondent	Number of New Respondents	Total Capital/Startup Cost, (B X C)
<b>Periodic 5-Year Test <sup>a</sup></b>			
Method 25A	\$0	0	\$0
<b>New Initial Performance Testing <sup>b</sup></b>			
Method 25A	\$0	0	\$0
Totals (rounded) <sup>c</sup>			\$0

<sup>a</sup> The estimated cost of this test would be \$17,176 and is required once every 5 years. We assume 20% (3) facili

<sup>b</sup> This is a one time cost associated with the new regulations. The 15 existing facilities are required to perform in filter unit (MFU) to determine applicability in the first year. The cost of this test would be \$24,061. Existing faci renewals.

<sup>c</sup> Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

<b>O&amp;M) Costs</b>		
(E)	(F)	(G)
Annual O&M Costs for One Respondent	Number of Respondents with O&M	Total O&M, (E x F)
\$17,176	3	\$51,529
\$24,061	0	\$0
		\$51,500
		<b>Totals</b>
		<b>\$51,500</b>

2021      2023  
708      797.9

ties will annually perform the Periodic 5-year test.  
initial performance testing on vents downstream from the main  
ilities will not be required to perform this test in future ICR



<b>Total Annual Responses</b>				
(A)	(B)	(C)	(D)	(E)
Information Collection Activity	Number of Respondents	Number of Responses	Number of Existing Respondents That Keep Records But Do Not Submit Reports	Total Annual Responses $E=(B \times C)+D$
Report of Initial Performance Test Results (Applicability Assessment) <sup>a</sup>	0	1	N/A	0
Report of Periodic Performance Test Results	3	1	N/A	3
Notification of Performance Test Dates <sup>a</sup>	3	1	N/A	3
Notification of compliance status for initial boiler tune up <sup>a</sup>	0	1	N/A	0
Notification of compliance status for subsequent boiler tune up	15	1	N/A	15
Periodic reports	15	2	N/A	30
		<b>Total (rounded)</b>		<b>51</b>

<sup>a</sup> This is a one time cost associated with the new regulations. Existing facilities will not be required to complete this burden item in future ICR renewals.

<b>Number of Responder</b>			
	Respondents That Submit Reports		Respondents That Do Not Submit Any Reports
	(A)	(B)	(C)
Year	Number of New Respondents <sup>1</sup>	Number of Existing Respondents	Number of Existing Respondents that keep records but do not submit reports
1	0	15	0
2	0	15	0
3	0	15	0
Average	0	15	0

<sup>1</sup> New respondents include sources with constructed, reconstructed and modified affected facilities.

nts

(D)	(E)
Number of Existing Respondents That Are Also New Respondents	Number of Respondents (E=A+B+C-D)
0	15
0	15
0	15
0	15