

<b>Category</b>	<b>Number of Respondents</b>	<b>Reporting Hours</b>	<b>Recordkeeping Hours</b>	<b>Total Respondent Labor Hours</b>	<b>Respondent Labor Cost</b>
Privately-Owned	6	23,835	2,732	26,568	\$3,140,000
State & Local Government-Owned MWCs	16	52,620	7,286	59,907	\$2,990,000
<b>Total</b>	<b>22</b>	<b>76,500</b>	<b>10,000</b>	<b>86,500</b>	<b>\$6,130,000</b>

<b>Capital &amp; O&amp;M Cost</b>	<b>Number of Responses</b>
\$115,000	15
\$307,000	32
<b>\$422,000</b>	<b>47</b>

1,834 hrs/response

<b>Burden item</b>	<b>(A) Person-hours per occurrence</b>	<b>(B) No. of occurrence per respondent per year</b>	<b>(C) Person- hours per respondent per year (C=AxB)</b>	<b>(D) Respondents per year<sup>a, b</sup></b>	<b>(E) Technical person- hours per year (E=CxD)</b>
1. Applications	N/A				
2. Survey and Studies	N/A				
3. Reporting Requirements					
A. Familiarization with Regulatory Requirements	4	1	4	6	24
B. Required Activities					
i. Initial performance tests and reports (PM, dioxins/furans, opacity, fugitives, HCl, Cd, Pb, Hg)	775	1	775	0	0
ii. CEMS demonstration (SO <sub>2</sub> , NO <sub>x</sub> , opacity, CO, CO <sub>2</sub> , O <sub>2</sub> )					
a. Installation of CEM units	225	1	225	0	0
b. Initial demonstration	450	1	450	0	0
iii. Annual performance tests and test reports (PM, dioxins/furans, opacity, fugitives, HCl, Cd, Pb, Hg)	775	1	775	6	4,650.00
iv. Quarterly Appendix F audits of CEMS (SO <sub>2</sub> , NO <sub>x</sub> , CO)					
a. RATA audit (one per year) <sup>d</sup>	350	2.33	815.5	6	4,893.00
b. RAA audit (three per year) <sup>e</sup>	130	6.99	908.7	6	5,452.20
c. Daily calibration and operation <sup>f</sup>	1	850	850	6	5,100.00
C. Create Information	See 3B				
D. Gather Information	See 3E				
E. Report Preparation					
i. Plant startup					
a. Plant Control Plan	40	1	40	0	0
b. Notification of Contract Awards	4	1	4	0	0
c. Notification of on-site construction start	4	1	4	0	0
d. Notification of construction completion	4	1	4	0	0
e. Notification of final completion	4	1	4	0	0
ii. Notification of initial performance tests	4	1	4	0	0
iii. Initial compliance reports	40	1	40	0	0
iv. Notification of CEMS demonstration	4	1	4	0	0
v. Initial CEMS demonstration report	90	1	90	0	0
vi. Annual compliance reports	40	2.33	93.2	6	559
vii. Semiannual excess emission reports <sup>g</sup>	40	2	80	0.6	48
<b>Reporting Subtotal</b>					

4. Recordkeeping Requirements					
A. Familiarization with Regulatory Requirements	See 3A				
B. Plan Activities	See 3B				
C. Implement Activities	See 3B				
D. Develop Record System	N/A				
E. Record information					
i. Record startups, shutdowns, and malfunctions <sup>h</sup>	4	47	188	6	1,128
ii. Records of all emission rates, computations, tests <sup>h</sup>	4	47	188	6	1,128
iii. Records of employee review of operations manual	4	1	4	6	24
iv. Record amount of sorbent used for Hg and dioxin/furan control	4	4	16	6	96
F. Personnel Training	N/A				
G. Time for audits	N/A				
<b>Recordkeeping subtotal</b>					
<b>TOTAL LABOR BURDEN AND COST (Rounded):<sup>i</sup></b>					
<b>Capital and O&amp;M Cost (Rounded):<sup>i</sup></b>					
<b>GRAND TOTAL (Rounded):<sup>i</sup></b>					

**Assumptions:**

<sup>a</sup> Assumes an average of 6 private respondents and 2.33 affected facilities (i.e., sources or units) per respondent [14 facilities at 0

<sup>b</sup> No additional facilities will become subject to the standard over the next three years.

<sup>c</sup> This ICR uses the following labor rates: \$153.55 per hour for Executive, Administrative, and Managerial labor; \$122.20 per hour for Clerical labor. These rates are from the United States Department of Labor, Bureau of Labor Statistics, March 2021, Table 2. Civilian group. The rates are from column 1, "Total compensation." The rates have been increased by 110 percent to account for the benefits in the private industry.

<sup>d</sup> Relative accuracy test audits (RATA) occur once per year for each affected facility ( $1 \times 2.33 = 2.33$ ). RATA are performed for three of the four quarterly audits. Audits of the diluent monitor ( $O_2$  or  $CO_2$ ) are not required because tests on  $SO_2$  diluent monitor.

<sup>e</sup> Relative accuracy audits (RAA) occur three times per year for each affected facility ( $3 \times 2.33 = 6.99$ ).

<sup>f</sup> Daily calibration and operation data occurs daily [ $365 \times 2.33 = 850$  (Rounded)].

<sup>g</sup> Assumes 10 percent of private sources (0.6) have affected facilities with excess emissions and must submit two semiannual reports.

<sup>h</sup> Assumes 47 weeks of operation (90 percent availability) per year per facility.

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

<b>(F) Management person-hours per year  (F=E x 0.05)</b>	<b>(G) Clerical person hours per year  (G = E x 0.1)</b>	<b>(H) Cost \$<sup>c</sup></b>
1.2	2.4	\$3,264.66
0	0	\$0
0	0	\$0
0	0	\$0
232.5	465	\$632,527.88
244.65	489.3	\$665,582.56
272.61	545.2	\$741,649.14
255	510	\$693,740.25
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
27.96	55.92	\$76,066.58
2.4	4.8	\$6,529.32
<b>23,835</b>		<b>\$2,819,360</b>

<b>Labor Type</b>	<b>Total Compensation (\$/hr)</b>	<b>Loaded Rate (Rate + 110%rate)</b>
Mgmt.	\$73.12	\$153.55
Tech.	\$58.19	\$122.20
Cler.	\$29.29	\$61.51

56.4	112.8	\$153,439.02
56.4	112.8	\$153,439.02
1.2	2.4	\$3,264.66
4.8	9.6	\$13,058.64
<b>2,732</b>		<b>\$323,201</b>
<b>26,600</b>		<b>\$3,140,000</b>
		<b>\$115,000</b>
		<b>\$3,300,000</b>

6 plants; 14/6 = 2.33].

our for Technical labor, and \$61.51 per hour for  
 ivilian Workers, by occupational and industry  
 efit packages available to those employed by

: one of the four quarterly audits. RAA tests are  
 and CO monitors will incorporate the use of the

ports.

Burden item	(A) Person-hours per occurrence	(B) No. of occurrence per respondent per year	(C) Person- hours per respondent per year (C=AxB)	(D) Respondents per year <sup>a, b</sup>	(E) Technical person- hours per year (E=CxD)
1. Applications	N/A				
2. Survey and Studies	N/A				
3. Reporting Requirements					
A. Familiarization with Regulatory Requirements	4	1	4	16	64
B. Required Activities					
i. Initial performance tests and reports (PM, dioxins/furans, opacity, fugitives, HCl, Cd, Pb, Hg)	775	1	775	0	0
ii. CEMS demonstration (SO <sub>2</sub> , NO <sub>x</sub> , opacity, CO, CO <sub>2</sub> , O <sub>2</sub> )					
a. Installation of CEM units	225	1	225	0	0
b. Initial demonstration	450	1	450	0	0
iii. Annual performance tests and test reports (PM, dioxins/furans, opacity, fugitives, HCl, Cd, Pb, Hg)	775	1	775	16	12,400.00
iv. Quarterly Appendix F audits of CEMS (SO <sub>2</sub> , NO <sub>x</sub> , CO)					
a. RATA audit (one per year) <sup>d</sup>	350	1.81	633.5	16	10,136.00
b. RAA audit (three per year) <sup>e</sup>	130	5.43	705.9	16	11,294.40
c. Daily calibration and operation <sup>f</sup>	1	661	661	16	10,576.00
C. Create Information	See 3B				
D. Gather Information	See 3E				
E. Report Preparation					
i. Plant startup					
a. Plant Control Plan	40	1	40	0	0
b. Notification of Contract Awards	4	1	4	0	0
c. Notification of on-site construction start	4	1	4	0	0
d. Notification of construction completion	4	1	4	0	0
e. Notification of final completion	4	1	4	0	0
ii. Notification of initial performance tests	4	1	4	0	0
iii. Initial compliance reports	40	1	40	0	0
iv. Notification of CEMS demonstration	4	1	4	0	0
v. Initial CEMS demonstration report	90	1	90	0	0
vi. Annual compliance reports	40	1.81	72.4	16	1,158
vii. Semiannual excess emission reports <sup>g</sup>	40	2	80	1.6	128
<b>Reporting Subtotal</b>					
4. Recordkeeping Requirements					

A. Familiarization with Regulatory Requirements	See 3A				
B. Plan Activities	See 3B				
C. Implement Activities	See 3B				
D. Develop Record System	N/A				
E. Record information					
i. Record startups, shutdowns, and malfunctions <sup>h</sup>	4	47	188	16	3,008
ii. Records of all emission rates, computations, tests <sup>h</sup>	4	47	188	16	3,008
iii. Records of employee review of operations manual	4	1	4	16	64
iv. Record amount of sorbent used for Hg and dioxin/furan control	4	4	16	16	256
F. Personnel Training	N/A				
G. Time for audits	N/A				
<b>Recordkeeping subtotal</b>					
<b>TOTAL LABOR BURDEN AND COST (Rounded):</b>					
<b>Capital and O&amp;M Cost (see Section 6(b)(iii)):</b>					
<b>TOTAL COST:</b>					

**Assumptions:**

<sup>a</sup> Assumes an average of 16 public respondents and 1.81 affected facilities (i.e., sources or units) per respondent [29 facilities at

<sup>b</sup> No additional facilities will become subject to the standard over the next three years.

Step 5, \$69.04 x 1.6), \$51.23 Technical rate (GS-12, Step 1, \$32.02 x 1.6), and \$27.73 Clerical rate (GS-6, Step 3, \$17.33 x 1.6)

<sup>d</sup> Relative accuracy test audits (RATA) occur once per year for each affected facility (1 x 1.81 = 1.81). RATA are performed for three of the four quarterly audits. Audits of the diluent monitor (O<sub>2</sub> or CO<sub>2</sub>) are not required because tests on SO diluent monitor.

<sup>e</sup> Relative accuracy audits (RAA) occur three times per year for each affected facility (3 x 1.81 = 5.43).

<sup>f</sup> Daily calibration and operation data occurs daily [365 x 1.81 = 661 (Rounded)].

<sup>g</sup> Assumes 10 percent of public sources (1.6) have affected facilities with excess emissions and must submit two semiannual rep

<sup>h</sup> Assumes 47 weeks of operation (90 percent availability) per year per facility.

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



<b>(F) Management person-hours per year  (F=E x 0.05)</b>	<b>(G) Clerical person hours per year  (G = E x 0.1)</b>	<b>(H) Cost \$<sup>c</sup></b>
3.2	6.4	\$3,677.24
0	0	\$0
		\$0
0	0	\$0
0	0	\$0
620	1240	\$712,464.32
506.8	1,013.6	\$582,382.12
564.72	1,129.4	\$648,940.08
528.8	1057.6	\$607,663.12
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	0	\$0
57.92	115.84	\$66,557.96
6.4	12.8	\$7,354.47
<b>52,620</b>		<b>\$2,629,039</b>

Managerial \$69.04 (GS-13, Step 5, \$43.15 + 60%)  
 Technical \$51.23 (GS-12, Step 1, \$32.02 + 60%)  
 Clerical \$27.73 (GS-6, Step 3, \$17.33 + 60%)

<b>Labor Type</b>	<b>Hourly Mean Wage</b>	<b>With Fringe &amp; Overhead</b>
(GS- 12, step 1) - Tech.	32.02	\$51.23
(GS- 13, step 5) - Mgmt.	43.15	\$69.04
(GS-6, step 3) - Cler.	17.33	\$27.73

150.4	300.8	\$172,830.05
150.4	300.8	\$172,830.05
3.2	6.4	\$3,677.24
12.8	25.6	\$14,708.94
<b>7,286</b>		<b>\$364,046</b>
<b>59,900</b>		<b>\$2,990,000</b>
		<b>\$307,000</b>
		<b>\$3,300,000</b>

16 plants; 29/16 = 1.81].

.....  
 ). These rates are from the Office of Personnel

one of the four quarterly audits. RAA tests are  
 2 and CO monitors will incorporate the use of the

orts.

Activity	(A) No. occurrence per year	(B) Person-hours per occurrence	(C) Technical person- hours per year  (C = A x B)	(D) Management person-hours per year  (D = C x 0.05)	(E) Clerical person- hours per year  (E = C x 0.1)
1. Applications	N/A				
2. Report Reviews <sup>b, c</sup>					
i. Review preliminary and final material separation plans and siting analysis	0	8	0	0	0
ii. Review notification of construction	0	2	0	0	0
iii. Review notification of startup	0	2	0	0	0
iv. Review notification of initial performance test	0	8	0	0	0
v. Review notification of initial CEMS demonstration	0	4	0	0	0
vi. Review initial performance test report	0	40	0	0	0
vii. Review initial CEMS demonstration report	0	40	0	0	0
viii. Review annual compliance report <sup>d</sup>	10	40	400	20	40
ix. Review semi-annual excess emission report <sup>e</sup>	4.4	16	70.4	3.52	7.04
3. Prepare annual summary report	1	200	200	10	20
<b>TOTAL ANNUAL COST (rounded) <sup>f</sup></b>				<b>770</b>	

### Assumptions:

<sup>a</sup> This ICR uses the following labor rates which incorporate a 1.6 benefits multiplication factor to account for gov expenses: \$110.46 Managerial rate (GS-13, Step 5, \$69.04 x 1.6), \$51.23 Technical rate (GS-12, Step 1, \$32.02 x rate (GS-6, Step 3, \$17.33 x 1.6). These rates are from the Office of Personnel Management (OPM) 2021 General locality rates of pay.

<sup>b</sup> No additional sources will become subject to the standard over the next three years. We also assume affected air administrator in States and U.S. territories have already submitted a State Plan and/or negative declaration.

<sup>c</sup> Assumes 22 affected units at 10 plants.

<sup>d</sup> Assumes four hours to review the annual compliance report for each plant (4 x 10 = 40).

<sup>e</sup> Assumes submission of semiannual excess emission reports will be required for 10 percent of units (22 x 0.10 =

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

<b>(H) Cost<sup>a</sup> \$</b>
\$0
\$0
\$0
\$0
\$0
\$0
\$0
\$22,982.72
\$4,044.96
\$11,491.36
<b>\$39,000</b>

**Managerial \$69.04 (GS-13, Step 5, \$43.15 + 60%)**  
**Technical \$51.23 (GS-12, Step 1, \$32.02 + 60%)**  
**Clerical \$27.73 (GS-6, Step 3, \$17.33 + 60%)**

	Hourly Mean Wage	With Fringe & Overhead
(GS- 13, step 5) - Mgmt.	43.15	\$69.04
(GS- 12, step 1) - Tech.	32.02	\$51.23
(GS-6, step 3) - Cler.	17.33	\$27.73

ernment overhead  
: 1.6), and \$27.73 Clerical  
l Schedule, which excludes

r quality program

2.2); (2 x 2.2 = 4.4).

Activity	(A) No. occurrence per year	(B) Person- hours per occurrence	(C) Technical person- hours per year  (C = A x B)	(D) Management person-hours per year  (D = C x 0.05)	(E) Clerical person- hours per year  (E = C x 0.1)
1. Applications	N/A				
2. Report Reviews <sup>b, c</sup>					
i. Review preliminary and final material separation plans and siting analysis	0	8	0	0	0
ii. Review notification of construction	0	2	0	0	0
iii. Review notification of startup	0	2	0	0	0
iv. Review notification of initial performance test	0	8	0	0	0
v. Review notification of initial CEMS demonstration	0	4	0	0	0
vi. Review initial performance test report	0	40	0	0	0
vii. Review initial CEMS demonstration report	0	40	0	0	0
viii. Review annual compliance report <sup>d</sup>	12	48	576	28.8	57.6
ix. Review semi-annual excess emission report <sup>e</sup>	4.2	16	67.2	3.36	6.72
3. Prepare annual summary report	1	200	200	10	20
<b>TOTAL ANNUAL COST (rounded) <sup>f</sup></b>				<b>970</b>	

**Assumptions:**

<sup>a</sup> This ICR uses the following labor rates which incorporate a 1.6 benefits multiplication factor to account for g expenses: \$110.46 Managerial rate (GS-13, Step 5, \$69.04 x 1.6), \$51.23 Technical rate (GS-12, Step 1, \$32.0 Clerical rate (GS-6, Step 3, \$17.33 x 1.6). These rates are from the Office of Personnel Management (OPM) 21 which excludes locality rates of pay.

<sup>b</sup> No additional sources will become subject to the standard over the next three years. We also assume affected administrator in States and U.S. territories have already submitted a State Plan and/or negative declaration.

<sup>c</sup> Assumes 21 affected units at 12 plants are subject to the Federal Plan.

<sup>d</sup> Assumes four hours to review the annual compliance report for each plant (4 x 12 = 48).

<sup>e</sup> Assumes submission of semiannual excess emission reports will be required for 10 percent of units (2.1); (2 x

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

<b>(H) Cost<sup>a</sup> \$</b>
\$0
\$0
\$0
\$0
\$0
\$0
\$0
\$33,095.12
\$3,861.10
\$11,491.36
<b>\$48,000</b>

**Managerial \$69.04 (GS-13, Step 5, \$43.15 + 60%)**  
**Technical \$51.23 (GS-12, Step 1, \$32.02 + 60%)**  
**Clerical \$27.73 (GS-6, Step 3, \$17.33 + 60%)**

	Hourly Mean Wage	With Fringe & Overhead
(GS- 13, step 5) - Mgmt.	43.15	\$69.04
(GS- 12, step 1) - Tech.	32.02	\$51.23
(GS-6, step 3) - Cler.	17.33	\$27.73

government overhead  
 2 x 1.6), and \$27.73  
 2021 General Schedule,

fair quality program

2.1= 4.2).

(A) Continuous Monitoring Device	(B) Capital/Startup Cost for One Respondent	(C) Number of New Respondents	(D) Total Capital/Startup Cost, (B x C)
Load monitors, temperature monitors, and carbon federate monitors (Sections 60.1315 thru 60.1335)	\$ 200,000.00	0	\$ -
<b>TOTAL</b>			

(E) Annual O&M Costs for One Respondent	(F) Number of Respondents with O&M	(G) Total O&M, (E x F)
\$ 19,200.00	22	\$422,400
		<b>\$422,000</b>