ICR Summary Information

Hours Per Response	1788
Number of Respondents	14
Total Estimated Burden Hours	55,600
Total Estimated Costs	$5,321,000
Annualized Capital O&M	$411,000
Form Number	Not Applicable

Category	Number of Respondents	Reporting Hours	Recordkeeping Hours	Total Respondent Labor Hours	Respondent Labor Cost
Privately-Owned	5	20,004	2,277	22,300	$3,050,000
State & Local Government-Owned MWCs	9	29,243	4,099	33,300	$1,860,000
Total (Rounded)[a]	**14**	**49,200**	**6,380**	**55,600**	**$4,910,000**

[a] Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

Capital & O&M Cost	Number of Responses
$147,000	13
$264,000	18
$411,000	**31**

1,788 hrs/response

Table 1a: Annual Respondent Burden and Cost for Private Industry – NSPS for Emission Guidelines and

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[a, b]	(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	5	20
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_2, NOx, opacity, CO, CO_2, O_2)					
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	5	3,875.00
iv. Quarterly Appendix F audits of CEMS (SO_2, NOx, CO)					
a. RATA audit (one per year) [d]	350	2.4	840	5	4,200.00
b. RAA audit (three per year) [e]	130	7.2	936	5	4,680.00
c. Daily calibration and operation [f]	1	876	876	5	4,380.00
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	40	5	200
vii. Semiannual excess emission reports [g]	40	2	80	0.5	40
Reporting Subtotal					
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 [h]	4	47	188	5	940
ii. Records of all emission rates, computations, tests [h]	4	47	188	5	940
iii. Records of employee review of operations manual	4	1	4	5	20
iv. Record amount of sorbent used for Hg and dioxin/furan control	4	4	16	5	80
F. Personnel Training	N/A				
G. Time for audits	N/A				
Recordkeeping subtotal					
TOTAL LABOR BURDEN AND COST (Rounded):[i]					
Capital and O&M Cost (Rounded):[i]					
GRAND TOTAL (Rounded):[i]					

Assumptions:

[a] Assumes an average of 5 private respondents and 2.4 affected facilities (i.e., sources or units) per respondent [12 facilities at 5

[b] No additional facilities will become subject to the standard over the next three years.

[b] This ICR uses the following labor rates: Managerial $172.41 ($82.10+ 110%); Technical $141.75 ($67.50 + 110%); and Cleri United States Department of Labor, Bureau of Labor Statistics, December 2023, "Table 2. Civilian workers by occupational anc compensation." The rates are increased by 110 percent to account for varying industry wage rates and the additional overhead b and benefits, including business expenses associated with hiring, training, and equipping their employees.

[d] Relative accuracy test audits (RATA) occur once per year for each affected facility (1 x 2.4 = 2.4). RATA are performed for o 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 and CO m

[e] Relative accuracy audits (RAA) occur three times per year for each affected facility (3 x 2.4 = 7.2).

[f] Daily calibration and operation data occurs daily [365 x 2.4 = 876 (Rounded)].

[g] Assumes 10 percent of private sources (0.5) have affected facilities with excess emissions and must submit two semiannual re

[h] Assumes 47 weeks of operation (90 percent availability) per year per facility.

[i] Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

Compliance Times for Small Municipal Waste Combustion Units Constructed on or before August 30,

(F) Management person-hours per year (F=E x 0.05)	(G) Clerical person hours per year (G = E x 0.1)	(H) Cost $ [c]
1	2	$3,150.13
0	0	$0
		$0
0	0	$0
0	0	$0
193.75	387.5	$610,337.69
210	420.0	$661,527.30
234.00	468.0	$737,130.42
219	438	$689,878.47
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
10.0	20.0	$31,501.30
2	4	$6,300.26
20,004		***$2,739,826***

Labor Rates:	
Tech.	$141.75
Mgmt.	$172.41
Cler.	$71.36

47	94	$148,056.11
47	94	$148,056.11
1	2	$3,150.13
4	8	$12,600.52
2,277		***$311,863***
22,300		**$3,050,000**
		$115,000
		$3,170,000

plants; 12/5 = 2.4].

ical $71.36 ($33.98 + 110%). These rates are from the
l industry group." The rates are from column 1, "Total
usiness costs of employing workers beyond their wages

ne of the four quarterly audits. RAA tests are performed
onitors will incorporate the use of the diluent monitor.

ports.

, **1999 (40 CFR part 60, Subpart BBBB) (Renewal)**

Table 1b: Annual Respondent Burden and Cost for Publicly-Owned Entities – NSPS for Emissior

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[a, b]
1. Applications	N/A			
2. Survey and Studies	N/A			
3. Reporting Requirements				
A. Familiarization with Regulatory Requirements	4	1	4	9
B. Required Activities				
i. Initial performance tests and reports (PM, dioxins/furans, opacity, fugitives, HCl, Cd, Pb, Hg)	775	1	775	0
ii. CEMS demonstration (SO2, NOx, opacity, CO, CO2, O2)				
a. Installation of CEM units	225	1	225	0
b. Initial demonstration	450	1	450	0
iii. Annual performance tests and test reports (PM, dioxins/furans, opacity, fugitives, HCl, Cd, Pb, Hg)	775	1	775	9
iv. Quarterly Appendix F audits of CEMS (SO2, NOx, CO)				
a. RATA audit (one per year) [d]	350	1.78	623	9
b. RAA audit (three per year) [e]	130	5.34	694.2	9
c. Daily calibration and operation [f]	1	650	650	9
C. Create Information	See 3B			
D. Gather Information	See 3E			
E. Report Preparation				
i. Plant startup				
a. Plant Control Plan	40	1	40	0
b. Notification of Contract Awards	4	1	4	0
c. Notification of on-site construction start	4	1	4	0
d. Notification of construction completion	4	1	4	0
e. Notification of final completion	4	1	4	0
ii. Notification of initial performance tests	4	1	4	0
iii. Initial compliance reports	40	1	40	0
iv. Notification of CEMS demonstration	4	1	4	0
v. Initial CEMS demonstration report	90	1	90	0
vi. Annual compliance reports	40	1.78	71.2	9
vii. Semiannual excess emission reports[g]	40	2	80	0.9
Reporting Subtotal				
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 [h]	4	47	188	9
ii. Records of all emission rates, computations, tests [h]	4	47	188	9
iii. Records of employee review of operations manual	4	1	4	9
iv. Record amount of sorbent used for Hg and dioxin/furan control	4	4	16	9
F. Personnel Training	N/A			
G. Time for audits	N/A			
Recordkeeping subtotal				
TOTAL LABOR BURDEN AND COST (Rounded):				
Capital and O&M Cost (see Section 6(b)(iii)):				
TOTAL COST:				

Assumptions:

[a] Assumes an average of 9 public respondents and 1.78 affected facilities (i.e., sources or units) per respondent [16 fa

[b] No additional facilities will become subject to the standard over the next three years.

[b] This cost is based on the average hourly labor rate as follows: Managerial $76.91 (GS-13, Step 5, $48.07 + 60%); T $30.88 (GS-6, Step 3, $19.30+ 60%). This ICR assumes that Managerial hours are 5 percent of Technical hours, and from the Office of Personnel Management (OPM), 2024 General Schedule, which excludes locality, rates of pay. The packages available to government employees.

[d] Relative accuracy test audits (RATA) occur once per year for each affected facility (1 x 1.78 = 1.78). RATA are per performed for three of the four quarterly audits. Audits of the diluent monitor (O_2 or CO_2) are not required because te monitor.

[e] Relative accuracy audits (RAA) occur three times per year for each affected facility (3 x 1.78 = 5.34).

[f] Daily calibration and operation data occurs daily [365 x 1.78 = 650 (Rounded)].

[g] Assumes 10 percent of public sources (1.6) have affected facilities with excess emissions and must submit two semi

[h] Assumes 47 weeks of operation (90 percent availability) per year per facility.

[i] Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

ı Guidelines and Compliance Times for Small Municipal Waste Combustion Units Constructed

(E) Technical person-hours per year (E=CxD)	(F) Management person-hours per year (F=E x 0.05)	(G) Clerical person hours per year (G = E x 0.1)	(H) Cost $ [c]
36	1.8	3.6	$2,304.20
0	0	0	$0.00
			$0.00
0	0	0	$0.00
0	0	0	$0.00
6,975.00	348.75	697.5	$446,439.06
5,607.00	280.35	560.7	$358,879.40
6,247.80	312.39	624.8	$399,894.19
5,850.00	292.5	585	$374,432.76
0	0	0	$0.00
0	0	0	$0.00
0	0	0	$0.00
0	0	0	$0.00
0	0	0	$0.00
0	0	0	$0.00
0	0	0	$0.00
0	0	0	$0.00
641	32.04	64.08	$41,014.79
72	3.6	7.2	$4,608.40
29,243			***$1,627,573***

Labor Rates:	
Technical	$57.07
Managerial	$76.91
Clerical	$30.88

1,692	84.6	169.2	$108,297.48
1,692	84.6	169.2	$108,297.48
36	1.8	3.6	$2,304.20
144	7.2	14.4	$9,216.81
4,099			***$228,116***
33,300			**$1,860,000**
			$307,000
			$2,170,000

cilities at 9 plants; 16/9 = 1.78].

Technical $57.07 (GS-12, Step 1, $35.67 + 60%); and Clerical
Clerical hours are 10 percent of Technical hours. These rates are
e rates have been increased by 60 percent to account for the benefit

formed for one of the four quarterly audits. RAA tests are
sts on SO_2 and CO monitors will incorporate the use of the diluent

iannual reports.

on or before August 30, 1999 (40 CFR part 60, Subpart BBBB) (Renewal)

Table 1c: Average State/Local Burden and Cost – NSPS for Emission Guidelines and Compliand

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)
1. Applications	N/A			
2. Report Reviews [b, c]				
i. Review preliminary and final material separation plans and siting analysis	0	8	0	0
ii. Review notification of construction	0	2	0	0
iii. Review notification of startup	0	2	0	0
iv. Review notification of initial performance test	0	8	0	0
v. Review notification of initial CEMS demonstration	0	4	0	0
vi. Review initial performance test report	0	40	0	0
vii. Review initial CEMS demonstration report	0	40	0	0
viii. Review annual compliance report [d]	6	24	144	7.2
ix. Review semi-annual excess emission report [e]	2.8	16	44.8	2.24
3. Prepare annual summary report	1	200	200	10
TOTAL ANNUAL COST (rounded) [f]				**447**

Assumptions:

[a] This cost is based on the average hourly labor rate as follows: Managerial $76.91 (GS-13, Step 5, $48.07 + 60%); 60%); and Clerical $30.88 (GS-6, Step 3, $19.30+ 60%). This ICR assumes that Managerial hours are 5 percent of T percent of Technical hours. These rates are from the Office of Personnel Management (OPM), 2024 General Schedu The rates have been increased by 60 percent to account for the benefit packages available to government employees

[b] No additional sources will become subject to the standard over the next three years. We also assume affected air q U.S. territories have already submitted a State Plan and/or negative declaration.

[c] Assumes 14 affected units at 6 plants.

[d] Assumes four hours to review the annual compliance report for each plant (4 x 6 = 24).

[e] Assumes submission of semiannual excess emission reports will be required for 10 percent of units (14 x 0.10 = 1.

[f] Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

:e Times for Small Municipal Waste Combustion Units Constructed on or before August 30, 19

(E) Clerical person-hours per year (E = C x 0.1)	(H) Cost[a] $
0	$0
0	$0
0	$0
0	$0
0	$0
0	$0
0	$0
14.4	$9,217
4.48	$2,867
20	$12,801
	$24,900

Labor Rates:	
Technical	$57.07
Managerial	$76.91
Clerical	$30.88

Technical $57.07 (GS-12, Step 1, $35.67 +
Technical hours, and Clerical hours are 10
ıle, which excludes locality, rates of pay.
:.

|uality program administrator in States and

4); (2 x 1.4 = 2.8).

99 (40 CFR part 60, Subpart BBBB) (Renewal)

Table 2: AverageEPA Burden and Cost – NSPS for Emission Guidelines and Compliance Times for

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)
1. Applications	N/A			
2. Report Reviews [b, c]				
i. Review preliminary and final material separation plans and siting analysis	0	8	0	0
ii. Review notification of construction	0	2	0	0
iii. Review notification of startup	0	2	0	0
iv. Review notification of initial performance test	0	8	0	0
v. Review notification of initial CEMS demonstration	0	4	0	0
vi. Review initial performance test report	0	40	0	0
vii. Review initial CEMS demonstration report	0	40	0	0
viii. Review annual compliance report [d]	8	32	256	12.8
ix. Review semi-annual excess emission report [e]	2.8	16	44.8	2.24
3. Prepare annual summary report	1	200	200	10
TOTAL ANNUAL COST (rounded) [f]				**576**

Assumptions:

[a] This cost is based on the average hourly labor rate as follows: Managerial $76.91 (GS-13, Step 5, $48.07 + 60%); Tec 60%); and Clerical $30.88 (GS-6, Step 3, $19.30+ 60%). This ICR assumes that Managerial hours are 5 percent of Tech percent of Technical hours. These rates are from the Office of Personnel Management (OPM), 2024 General Schedule, rates have been increased by 60 percent to account for the benefit packages available to government employees.

[b] No additional sources will become subject to the standard over the next three years. We also assume affected air quali territories have already submitted a State Plan and/or negative declaration.

[c] Assumes 14 affected units at 8 plants are subject to the Federal Plan.

[d] Assumes four hours to review the annual compliance report for each plant (4 x 8 = 32).

[e] Assumes submission of semiannual excess emission reports will be required for 10 percent of units (1.4); (2 x 1.4= 2.8

[f] Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

Small Municipal Waste Combustion Units Constructed on or before August 30, 1999 (40 CFR part 6

(E) Clerical person-hours per year (E = C x 0.1)	(H) Cost[a] $
0	$0
0	$0
0	$0
0	$0
0	$0
0	$0
0	$0
25.6	$16,385
4.48	$2,867
20	$12,801
	$32,100

Labor Rates:	
Technical	$57.07
Managerial	$76.91
Clerical	$30.88

:hnical $57.07 (GS-12, Step 1, $35.67 +
ınical hours, and Clerical hours are 10
which excludes locality, rates of pay. The

ty program administrator in States and U.S.

3).

0, Subpart BBBB) (Renewal)

Capital/Startup vs. Operation and Maintenance (			
(A)	(B)	(C)	(D)
Continuous Monitoring Device	Capital/Startup Cost for One Respondent	Number of New Respondents	Total Capital/Startup Cost, (B X C)
Load monitors, temperature monitors, and carbon federate monitors (Sections 60.1315 thru 60.1335) [a]	$305,767	0	$0

[a] Costs have been updated from 2009 dollars to 2023 dollars using the CEPCI CE Index. Totals have be exactly due to rounding.

O&M) Costs		
(E)	(F)	(G)
Annual O&M Costs for One Respondent	Number of Respondents with O&M	Total O&M, (E x F)
$29,354	14	$411,000

CEPCI Index 2009:

CEPCI Index 2023:

een rounded to 3 significant figures. Figures may not add

521.9

797.9

Number of States Implementing			
	Respondents That Submit Reports		Respondents That Do Not Submit Any Reports
	(A)	(B)	(C)
Year	Number of New Respondents [1]	Number of Existing Respondents	Number of Existing Respondents that keep records but do not submit reports
1	0	6	0
2	0	6	0
3	0	6	0
Average	0	6	0

Number of Responder			
	Respondents That Submit Reports		Respondents That Do Not Submit Any Reports
	(A)	(B)	(C)
Year	Number of New Respondents [1]	Number of Existing Respondents	Number of Existing Respondents that keep records but do not submit reports
1	0	14	0
2	0	14	0
3	0	14	0
Average	0	14	0

[1] New respondents include sources with constructed, reconstructed and modified affected facilities.

g State Plans	
(D)	(E)
Number of Existing Respondents That Are Also New Respondents	Number of Respondents (E=A+B+C-D)
0	6
0	6
0	6
0	6

nts	
(D)	(E)
Number of Existing Respondents That Are Also New Respondents	Number of Respondents (E=A+B+C-D)
0	14
0	14
0	14
0	14

Total Annual Responses				
(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=(BxC)+D
State plan	6	0	0	0
Negative Declaration	0	0	0	0
Plant Startup (Plant Control Plan, notifications, etc.)	0	1	0	0
Notifications (Performance Test, CEMS Demonstration, etc.)	0	1	0	0
Annual Reports (Private)	5	2.4	0	12
Annual Reports (Public)	9	1.78	0	16.02
Semiannual Excess Emission Reports	1.4	2	0	2.8
		Total (rounded)		**31**