

ICR Summary Information

Hours Per Response	31
Number of Respondents	54
Total Estimated Burden Hours	2,390
Total Estimated Costs	\$424,000
Annualized Capital O&M	\$87,000
Form Number	5900-560 and 5900-561

Burden Change Table

	Inventory as of this Action	Previously Approved
Respondents	54	155
Responses	110	407
Time Burden (Hours)	2,390	91,600
Cost Burden (Dollars)	87,000	630,000

Table 1: Annual Respondent Burden and Cost – Emission Guidelines for Other Solid Waste Incineration

Burden item	(A) Person hours per occurrence	(B) Non-Labor Costs Per Occurrence	(C) No. of occurrences per respondent per year
1. Applications	N/A		
2. Survey and Studies	N/A		
3. Reporting requirements			
A. Familiarize with rule requirements ^c			
1) Initial review and familiarization with final revisions (new sources)	18	\$0	1
2) Familiarize with rule (existing burden)	4	\$0	1
B. Required activities			
1) Initial performance test and reports			
a) Initial performance tests (PM, dioxins/furans, opacity, fugitives, HCl, Cd, Pb, Hg) ^c	24	\$76,667	1
b) Repeat of initial performance tests ^{c,d}	24	\$15,333	1
c) Initial performance tests - Air Curtain Incinerators (opacity) ^c	3	\$3,000	1
d) Repeat of initial performance tests - Air Curtain Incinerators ^{c,d}	3	\$600	1
2) CEMS demonstration (CO, O ₂)			
a) Initial demonstration ^e	229	\$395,000	1
b) Annual Costs	See 3.B.5		
3) Annual performance tests and test reports (PM, dioxins/furans, opacity, fugitives, HCl, Cd, Pb, Hg) ^f	24	\$76,667	1
4) Annual performance tests and test reports - Air Curtain Incinerators (opacity) ^f	3	\$3,000	1
5) Quarterly Appendix F audits of CEMS (CO)			
a) RATA audit (one per year) ^{e,f}	16	\$0	1
b) RAA audit (three per year) ^{e,f}	16	\$0	3
c) Daily calibration and operation ^{e,f}	0.25	\$73,700	250
6) Waste management plan ^c	20	\$0	1
7) Notification of intent to use substitute means of compliance ^c	4	\$0	1
C. Create information	See 3B		
D. Gather existing information	See 3E		
E. Write Report			
1) Preconstruction report ^c	8	\$0	1
2) Startup notification ^c	2	\$0	1
3) Initial test report ^c			
a) Initial test report (non-ACI) ^c	40	\$0	1
b) Initial test report (ACI) ^c	10	\$0	1
4) Annual compliance reports			

a) Annual compliance report (non-ACI, for units using stack tests) ^f	28	\$0	1
b) Annual compliance report (non-ACI, for units using the SMOC or AWC) ^f	28	\$0	1
c) Annual compliance report (ACI) ^g	10	\$0	1
5) Semiannual deviation reports ⁱ	24	\$0	2
6) Notification of final compliance	1	\$0	1
Subtotal for Reporting Requirements			
4. Recordkeeping requirements			
A. Familiarize with rule requirements ^c	See 3A		
B. Plan activities	See 3B		
C. Implement activities	See 3B		
D. Develop record system	N/A		
E. Record information			
1) Records of malfunctions ^h	1.5	\$0	52
2) Records of emission rate computations, all emission exceedances and periods when there is no data ^{i,k}	1.5	\$0	52
3) Records of employee review of operations manual	4	\$0	1
4) Record of control devices operating parameters ^{k,f}	1.5	\$2,500	52
5) Initial Records of waste burned and information on representative test (weekly)	0.5	\$0	52
6) Copy of representative performance test and documentation	4	\$0	1
7) Records of quarterly waste burned and operating information	1	\$0	4
8) Quarterly records of waste characterization, including % of each waste category	1	\$0	4
9) Records of deviations	0.5	\$0	4
F. Perform Audits	N/A		
Subtotal for Recordkeeping Requirements			
TOTAL (rounded) ^j			

Assumptions:

^a EPA estimates that there are 54 existing facilities subject to 40 CFR 60, Subpart FFFF. This includes 29 ACI units and

^b This ICR uses the following labor rates: \$145.99 (technical), \$177.98 (managerial), and \$74.28 (clerical). These rates are for workers, by occupational and industry group.” The rates are from column 1, “Total compensation.” They have been inflated to 2012 dollars.

^c This estimate includes additional burden for a one-time only cost for new respondents from revisions to the final rule.

^d We have assumed that no respondents would be required to repeat a performance test.

^e We have assumed that none of the existing units subject to FFFF have CEMS, all units are less than 10 TPD and have no other units.

^f We have assumed that ACI units will conduct annual testing; no other respondents are expected to conduct annual performance testing. We have assumed that SRI units will conduct annual testing using the alternative waste characterization methods for continuous compliance submit annual reports which consist of a statement of compliance and a waste characterization report. We have assumed that the 25 SRI units have already conducted testing and are in compliance with the rule.

^g The requirement to submit an annual compliance report is not new, therefore there are no incremental costs associated with this requirement.

^h We have assumed that each respondent will record information 52 times per year.

ⁱ We have assumed that 10 percent of the respondents will report exceedances.

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

^k We have assumed that each respondent will record information 52 times per year. The non-labor costs shown for con

ation Units (40 CFR Part 60, Subpart FFFF) (Final Rule) - Year 1 Burden

145.99

177.98

74.28

Person-hours per year						
(D) Person hours per respondent per year (C=AxB)	(E) Respondents per year ^a	(F) Technical person- hours per year (E=CxD)	(G) Management person hours per year (Ex0.05)	(H) Clerical person hours per year (Ex0.1)	(I) Total Hours per Year (F + G + H)	(J) Total Labor Cost per year ^b
18	25	450	22.5	45	517.5	\$73,043
4	29	116	5.8	11.6	133.4	\$18,829
24	0	0	0	0	0	\$0
24	0	0	0	0	0	\$0
3	0	0	0	0	0	\$0
3	0	0	0	0	0	\$0
229	0	0	0	0	0	\$0
24	0	0	0	0	0	\$0
3	29	87	4.35	8.7	100.05	\$14,122
16	0	0	0	0	0	\$0
48	0	0	0	0	0	\$0
62.5	0	0	0	0	0	\$0
20	25	500	25	50	575	\$81,159
4	0	0	0	0	0	\$0
8	0	0	0	0	0	\$0
2	0	0	0	0	0	\$0
40	0	0	0	0	0	\$0
10	0	0	0	0	0	\$0

28	25	700	35	70	805	\$113,622
28	0	0	0	0	0	\$0
10	29	290	14.5	29	333.5	\$47,072
48	3	144	7.2	14.4	165.6	\$23,374
1	25	25	1.25	2.5	28.75	\$4,058
		2,312	116	231	2,659	\$375,277
78	0	0	0	0	0	\$0
78	0	0	0	0	0	\$0
4	25	100	5	10	115	\$16,232
78	0	0	0	0	0	\$0
26	0	0	0	0	0	\$0
4	0	0	0	0	0	\$0
4	25	100	5	10	115	\$16,232
4	25	100	5	10	115	\$16,232
2	25	50	2.5	5	57.5	\$8,116
		350	18	35	403	\$56,811
		2,660	133	266	3,060	\$432,000

and 25 VSMWC with capacity less than or equal to 10 TPD.

These figures are from the United States Department of Labor, Bureau of Labor Statistics, September 2024, "Table 2. Civilian Wage Index, 1967=100, by Industry, Sex, Race, and Hispanic or Latino Ethnicity." The index was increased by 110 percent to account for the benefit packages available to those employed by private industry.

a. Note that the waste management plan is submitted as part of the preconstruction report.

b. The facility has already conducted initial testing; therefore no facilities will submit an initial demonstration report.

c. The facility will perform performance tests or record daily calibration and operation or control devices operating parameters. Units using the alternative waste characterization option that there were no deviations from the percentage of waste burned in each category and the OSWI unit has been used in the initial testing in the first year and will use the alternative waste characterization option in subsequent years.

d. The facility is in compliance with this requirement.

ontrol device operating parameters are total cost for the entire year, not the cost per occurrence.

Updated to 2024 labor rates

(K) Total Non-Labor Costs Per Year (B x C x E)	(L) Total Number of Responses per Year (C X E)
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$87,000	0
\$0	0
\$0	0
\$0	0
\$0	25
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0

\$0	25
\$0	0
\$0	29
\$0	6
\$0	25
\$87,000	110
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$87,000	110

Table 2: Annual Respondent Burden and Cost – Emission Guidelines for Other Solid Waste Incinerators

Burden item	(A) Person hours per occurrence	(B) Non-Labor Costs Per Occurrence	(C) No. of occurrences per respondent per year
1. Applications	N/A		
2. Survey and Studies	N/A		
3. Reporting requirements			
A. Familiarize with rule requirements ^c			
1) Initial review and familiarization with final revisions (new sources)	18	\$0	1
2) Familiarize with rule (existing burden)	4	\$0	1
B. Required activities			
1) Initial performance test and reports			
a) Initial performance tests (PM, dioxins/furans, opacity, fugitives, HCl, Cd, Pb, Hg) ^c	24	\$76,667	1
b) Repeat of initial performance tests ^{c,d}	24	\$15,333	1
c) Initial performance tests - Air Curtain Incinerators (opacity) ^c	3	\$3,000	1
d) Repeat of initial performance tests - Air Curtain Incinerators ^{c,d}	3	\$600	1
2) CEMS demonstration (CO, O2)			
a) Initial demonstration ^e	229	\$395,000	1
b) Annual Costs	See 3.B.5		
3) Annual performance tests and test reports (PM, dioxins/furans, opacity, fugitives, HCl, Cd, Pb, Hg) ^f	24	\$76,667	1
4) Annual performance tests and test reports - Air Curtain Incinerators (opacity) ^f	3	\$3,000	1
5) Quarterly Appendix F audits of CEMS (CO)			
a) RATA audit (one per year) ^{e,f}	16	\$0	1
b) RAA audit (three per year) ^{e,f}	16	\$0	3
c) Daily calibration and operation ^{e,f}	0.25	\$73,700	250
6) Waste management plan ^c	20	\$0	1
7) Notification of intent to use substitute means of compliance ^c	4	\$0	1
C. Create information	See 3B		
D. Gather existing information	See 3E		
E. Write Report			
1) Preconstruction report ^c	8	\$0	1
2) Startup notification ^c	2	\$0	1
3) Initial test report ^c			
a) Initial test report (non-ACI) ^c	40	\$0	1

b) Initial test report (ACI) ^c	10	\$0	1
4) Annual compliance reports			
a) Annual compliance report (non-ACI, for units using stack tests) ^f	28	\$0	1
b) Annual compliance report (non-ACI, for units using the SMOC or AWC) ^f	28	\$0	1
c) Annual compliance report (ACI) ^g	10	\$0	1
5) Semiannual deviation reports ⁱ	24	\$0	2
6) Notification of final compliance	1	\$0	1

Subtotal for Reporting Requirements

4. Recordkeeping requirements			
A. Familiarize with rule requirements ^c	See 3A		
B. Plan activities	See 3B		
C. Implement activities	See 3B		
D. Develop record system	N/A		
E. Record information			
1) Records of malfunctions ^h	1.5	\$0	52
2) Records of emission rate computations, all emission exceedances and periods when there is no data ^{i,k}	1.5	\$0	52
3) Records of employee review of operations manual	4	\$0	1
4) Record of control devices operating parameters ^{k,f}	1.5	\$2,500	52
5) Initial Records of waste burned and information on representative test (weekly)	0.5	\$0	52
6) Copy of representative performance test and documentation	4	\$0	1
7) Records of quarterly waste burned and operating information	1	\$0	4
8) Quarterly records of waste characterization, including % of each waste category	1	\$0	4
9) Records of deviations	0.5	\$0	4
F. Perform Audits	N/A		

Subtotal for Recordkeeping Requirements

TOTAL (rounded)^h

Assumptions:

^a EPA estimates that there are 54 existing facilities subject to 40 CFR 60, Subpart FFFF. This includes 29 ACI units ar

^b This ICR uses the following labor rates: \$145.99 (technical), \$177.98 (managerial), and \$74.28 (clerical). These rate workers, by occupational and industry group.” The rates are from column 1, “Total compensation.” They have been i

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^d We have assumed that no respondents would be required to repeat a performance test.

^e We have assumed that none of the existing units subject to FFFF have CEMS, all units are less than 10 TPD and have

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operated within the established operating parameter limits. We have assumed the 25 SRI units have already conducted

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^h We have assumed that each respondent will record information 52 times per year.

ⁱ We have assumed that 10 percent of the respondents will report exceedances.

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

^k We have assumed that each respondent will record information 52 times per year. The non-labor costs shown for con

ration Units (40 CFR Part 60, Subpart FFFF) (Final Rule) - Year 2 Burden

145.99

177.98

74.28

Person-hours per year						
(D) Person hours per respondent per year (C=AxB)	(E) Respondents per year ^a	(F) Technical person- hours per year (E=CxD)	(G) Management person hours per year (Ex0.05)	(H) Clerical person hours per year (Ex0.1)	(I) Total Hours per Year (F + G + H)	(J) Total Labor Cost per year ^b
18	0	0	0	0	0	\$0
4	54	216	10.8	21.6	248.4	\$35,060
24	0	0	0	0	0	\$0
24	0	0	0	0	0	\$0
3	0	0	0	0	0	\$0
3	0	0	0	0	0	\$0
229	0	0	0	0	0	\$0
24	0	0	0	0	0	\$0
3	29	87	4.35	8.7	100.05	\$14,122
16	0	0	0	0	0	\$0
48	0	0	0	0	0	\$0
62.5	0	0	0	0	0	\$0
20	0	0	0	0	0	\$0
4	0	0	0	0	0	\$0
8	0	0	0	0	0	\$0
2	0	0	0	0	0	\$0
40	0	0	0	0	0	\$0

10	0	0	0	0	0	\$0
28	0	0	0	0	0	\$0
28	25	700	35	70	805	\$113,622
10	29	290	14.5	29	333.5	\$47,072
48	3	144	7.2	14.4	165.6	\$23,374
1	0	0	0	0	0	\$0
		1,437	72	144	1,653	\$233,250
78	0	0	0	0	0	\$0
78	0	0	0	0	0	\$0
4	25	100	5	10	115	\$16,232
78	0	0	0	0	0	\$0
26	0	0	0	0	0	\$0
4	0	0	0	0	0	\$0
4	25	100	5	10	115	\$16,232
4	25	100	5	10	115	\$16,232
2	25	50	2.5	5	57.5	\$8,116
		350	18	35	403	\$56,811
		1,790	89	179	2,060	\$290,000

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2. Note that the waste management plan is submitted as part of the preconstruction report.

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ed with this requirement.

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Updated to 2024 labor rates

(K) Total Non-Labor Costs Per Year (B x C x E)	(L) Total Number of Responses per Year (C X E)
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$87,000	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0

\$0	0
\$0	0
\$0	25
\$0	29
\$0	6
\$0	0
\$87,000	60
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$87,000	120

287.5 \$40,579

Table 3: Annual Respondent Burden and Cost – Emission Guidelines for Other Solid Waste Inciner

Burden item	(A) Person hours per occurrence	(B) Non-Labor Costs Per Occurrence	(C) No. of occurrences per respondent per year
1. Applications	N/A		
2. Survey and Studies	N/A		
3. Reporting requirements			
A. Familiarize with rule requirements ^c			
1) Initial review and familiarization with final revisions (new sources)	18	\$0	1
2) Familiarize with rule (existing burden)	4	\$0	1
B. Required activities			
1) Initial performance test and reports			
a) Initial performance tests (PM, dioxins/furans, opacity, fugitives, HCl, Cd, Pb, Hg) ^c	24	\$76,667	1
b) Repeat of initial performance tests ^{c,d}	24	\$15,333	1
c) Initial performance tests - Air Curtain Incinerators (opacity) ^c	3	\$3,000	1
d) Repeat of initial performance tests - Air Curtain Incinerators ^{c,d}	3	\$600	1
2) CEMS demonstration (CO, O2)			
a) Initial demonstration ^e	229	\$395,000	1
b) Annual Costs	See 3.B.5		
3) Annual performance tests and test reports (PM, dioxins/furans, opacity, fugitives, HCl, Cd, Pb, Hg) ^f	24	\$76,667	1
4) Annual performance tests and test reports - Air Curtain Incinerators (opacity) ^f	3	\$3,000	1
5) Quarterly Appendix F audits of CEMS (CO)			
a) RATA audit (one per year) ^{e,f}	16	\$0	1
b) RAA audit (three per year) ^{e,f}	16	\$0	3
c) Daily calibration and operation ^{e,f}	0.25	\$73,700	250
6) Waste management plan ^c	20	\$0	1
7) Notification of intent to use substitute means of compliance ^c	4	\$0	1
C. Create information	See 3B		
D. Gather existing information	See 3E		
E. Write Report			
1) Preconstruction report ^c	8	\$0	1
2) Startup notification ^c	2	\$0	1
3) Initial test report ^c			
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5) Semiannual deviation reports ⁱ	24	\$0	2
6) Notification of final compliance	1	\$0	1
Subtotal for Reporting Requirements			
4. Recordkeeping requirements			
A. Familiarize with rule requirements ^c	See 3A		
B. Plan activities	See 3B		
C. Implement activities	See 3B		
D. Develop record system	N/A		
E. Record information			
1) Records of malfunctions ^h	1.5	\$0	52
2) Records of emission rate computations, all emission exceedances and periods when there is no data ^{i,k}	1.5	\$0	52
3) Records of employee review of operations manual	4	\$0	1
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5) Initial Records of waste burned and information on representative test (weekly)	0.5	\$0	52
6) Copy of representative performance test and documentation	4	\$0	1
7) Records of quarterly waste burned and operating information	1	\$0	4
8) Quarterly records of waste characterization, including % of each waste category	1	\$0	4
9) Records of deviations	0.5	\$0	4
F. Perform Audits	N/A		
Subtotal for Recordkeeping Requirements			
TOTAL (rounded)^h			

Assumptions:

^a EPA estimates that there are 54 existing facilities subject to 40 CFR 60, Subpart FFFF. This includes 29 ACI units and

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ation Units (40 CFR Part 60, Subpart FFFF) (Final Rule) - Year 3 Burden

145.99

177.98

74.28

Person-hours per year						
(D) Person hours per respondent per year (C=AxB)	(E) Respondents per year ^a	(F) Technical person- hours per year (E=CxD)	(G) Management person hours per year (Ex0.05)	(H) Clerical person hours per year (Ex0.1)	(I) Total Hours per Year (F + G + H)	(J) Total Labor Cost per year ^b
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229	0	0	0	0	0	\$0
24	0	0	0	0	0	\$0
3	29	87	4.35	8.7	100.05	\$14,122
16	0	0	0	0	0	\$0
48	0	0	0	0	0	\$0
62.5	0	0	0	0	0	\$0
20	0	0	0	0	0	\$0
4	0	0	0	0	0	\$0
8	0	0	0	0	0	\$0
2	0	0	0	0	0	\$0
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26	0	0	0	0	0	\$0
4	0	0	0	0	0	\$0
4	25	100	5	10	115	\$16,232
4	25	100	5	10	115	\$16,232
2	25	50	2.5	5	57.5	\$8,116
		350	18	35	403	\$56,811
		1,790	89	179	2,060	\$290,000

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Updated to 2024 labor rates

(K) Total Non-Labor Costs Per Year (B x C x E)	(L) Total Number of Responses per Year (C X E)
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$87,000	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0

\$0	0
\$0	0
\$0	25
\$0	29
\$0	6
\$0	0
\$87,000	60
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$0	0
\$87,000	120

Table 4 - Summary of Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements - Emission

Year	Technical Hours	Clerical Hours	Management Hours	Total Labor Hours	Labor Costs	Non-Labor (Capital/Startup and O&M) Costs
1	2,660	266	133	3,059	\$432,000	\$87,000
2	1,790	179	89	2,058	\$290,000	\$87,000
3	1,790	179	89	2,058	\$290,000	\$87,000
Total	6,240	624	312	7,175	\$1,012,000	\$261,000
Average	2,080	208	104	2,390	\$337,000	\$87,000

Year	Number of Respondents	Number of Responses	Reporting Hours	Recordkeeping Hours	Total Hours	Hours per Response
1	54	110	2,659	403	3,061	28
2	54	60	1,653	403	2,055	34
3	54	60	1,653	403	2,055	34
Total	54	230	5,964	1,208	7,171	31
Average	54	77	1,988	403	2,390	31

Table 5 - Summary of Incremental Respondent Burden and Cost of Recordkeeping and Reporting Requirements From

Year	Technical Hours	Clerical Hours	Management Hours	Total Labor Hours	Labor Costs	Non-Labor (Capital/Startup and O&M) Costs
1	2,169	217	108	2,494	\$352,066	\$0
2	1,294	129	65	1,488	\$210,038	\$0
3	1,294	129	65	1,488	\$210,038	\$0
Total	4,757	476	238	5,471	\$772,142	\$0
Average	1,586	159	79	1,824	\$257,000	\$0

Year	Number of Respondents	Number of Responses	Reporting Hours	Recordkeeping Hours	Total Hours	Hours per Response
1	25	81	2,092	403	2,494	31
2	25	31	1,086	403	1,488	48
3	25	31	1,086	403	1,488	48
Total	25	143	4,263	1,208	5,471	38
Average	25	48	1,421	403	1,824	38

ion Guidelines for Other Solid Waste Incineration Units (40 CFR Part 60, Subpart FFFF) (Final Rule)

Total Costs
\$519,000
\$377,000
\$377,000
\$1,273,000
\$424,000
Hours Per Respondent
57
38
38
133
44

om Final Rule- Emission Guidelines for Other Solid Waste Incineration Units (40 CFR Part 60, Subpart FFFF) (F

Total Costs
\$352,066
\$210,038
\$210,038
\$772,142
\$257,000
Hours Per Respondent
100
60
60
219
73

Final Rule)

Table 6: Average Annual EPA Burden and Cost – Emission Guidelines for Existing Other Solid V

Activity	(A)	(B)	(C)	(D)
	EPA person-hours per occurrence	No. of occurrences per plant per year	EPA person-hours per plant per year (C=AxB)	Plants per year ^a
1. Applications	N/A			
2. Familiarization with rule requirements	N/A			
3. Required activities				
A. Create information	N/A			
B. Gather information	See 3A			
C. Report reviews				
1) Review Notifications				
a) Preconstruction report	1	1	1	0
b) Startup notification	0.5	1	0.5	0
c) Notification of intent to use substitute means of compliance	0.5	1	0.5	0
d) Notification of final compliance ^c	1.5	1	1.5	25
2) Review initial compliance test report				
a) Initial test report (non-ACI) ^c	40	1	40	0
b) Initial test report (ACI) ^c	10	1	10	0
3) Review annual compliance report				
a) Annual compliance report (non-ACI, for units using stack tests)	40	1	40	25
b) Annual compliance report (non-ACI, for units using the SMOG)	10	1	10	0
c) Annual compliance report (ACI)	10	1	10	29
4) Review semiannual deviation reports	16	2	32	3
5) Review waste management plan ^c	16	1	16	25
TOTAL ANNUAL BURDEN AND COST (rounded)^d				

Assumptions:

^a EPA estimates that there are no existing facilities subject to 40 CFR 60, Subpart FFFF.

^b This ICR uses the following labor rates: \$57.07 (technical), \$76.91 (managerial), and \$30.88 (clerical). These rates are from Schedule, which excludes locality rates of pay. The rates have been increased by 60 percent to account for the benefit package.

^c We have assumed that this is a one-time only cost for existing respondents with units greater than 10 TPD.

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

Waste Incineration Units (40 CFR Part 60, Subpart FFFF) (Final Rule) - Year 1 Burden

57.07

76.91

30.88

Updated to 2024 dollars

(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
37.5	1.875	3.75	\$2,400
0	0	0	\$0
0	0	0	\$0
1000	50	100	\$64,004
0	0	0	\$0
290	14.5	29	\$18,561
96	4.8	9.6	\$6,144
400	20	40	\$25,601
1,824	91	182	\$117,000

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ges available to government employees.

Table 7: Average Annual EPA Burden and Cost – Emission Guidelines for Existing Other Solid V

Activity	(A)	(B)	(C)	(D)
	EPA person-hours per occurrence	No. of occurrences per plant per year	EPA person-hours per plant per year (C=AxB)	Plants per year ^a
1. Applications	N/A			
2. Familiarization with rule requirements	N/A			
3. Required activities				
A. Create information	N/A			
B. Gather information	See 3A			
C. Report reviews				
1) Review Notifications				
a) Preconstruction report	1	1	1	0
b) Startup notification	0.5	1	0.5	0
c) Notification of intent to use substitute means of compliance	0.5	1	0.5	0
d) Notification of final compliance ^c	1.5	1	1.5	0
2) Review initial compliance test report				
a) Initial test report (non-ACI) ^c	40	1	40	0
b) Initial test report (ACI) ^c	10	1	10	0
3) Review annual compliance report				
a) Annual compliance report (non-ACI, for units using stack tests)	40	1	40	0
b) Annual compliance report (non-ACI, for units using the SMOG)	10	1	10	25
c) Annual compliance report (ACI)	10	1	10	29
4) Review semiannual deviation reports	16	2	32	3
5) Review waste management plan ^c	16	1	16	0
TOTAL ANNUAL BURDEN AND COST (rounded)^d				

Assumptions:

^a EPA estimates that there are no existing facilities subject to 40 CFR 60, Subpart FFFF.

^b This ICR uses the following labor rates: \$57.07 (technical), \$76.91 (managerial), and \$30.88 (clerical). These rates are from Schedule, which excludes locality rates of pay. The rates have been increased by 60 percent to account for the benefit package.

^c We have assumed that this is a one-time only cost for existing respondents with units greater than 10 TPD.

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

Vaste Incineration Units (40 CFR Part 60, Subpart FFFF) (Final Rule) - Year 2 Burden

57.07 76.91 30.88 Updated to 2024 dollars

(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
250	12.5	25	\$16,001
290	14.5	29	\$18,561
96	4.8	9.6	\$6,144
0	0	0	\$0
636	32	64	\$41,000

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ges available to government employees.

Table 8: Average Annual EPA Burden and Cost – Emission Guidelines for Existing Other Solid V

Activity	(A)	(B)	(C)	(D)
	EPA person-hours per occurrence	No. of occurrences per plant per year	EPA person-hours per plant per year (C=AxB)	Plants per year ^a
1. Applications	N/A			
2. Familiarization with rule requirements	N/A			
3. Required activities				
A. Create information	N/A			
B. Gather information	See 3A			
C. Report reviews				
1) Review Notifications				
a) Preconstruction report	1	1	1	0
b) Startup notification	0.5	1	0.5	0
c) Notification of intent to use substitute means of compliance	0.5	1	0.5	0
d) Notification of final compliance ^c	1.5	1	1.5	0
2) Review initial compliance test report				
a) Initial test report (non-ACI) ^c	40	1	40	0
b) Initial test report (ACI) ^c	10	1	10	0
3) Review annual compliance report				
a) Annual compliance report (non-ACI, for units using stack tests)	40	1	40	0
b) Annual compliance report (non-ACI, for units using the SMOG)	10	1	10	25
c) Annual compliance report (ACI)	10	1	10	29
4) Review semiannual deviation reports	16	2	32	3
5) Review waste management plan ^c	16	1	16	0
TOTAL ANNUAL BURDEN AND COST (rounded)^d				

Assumptions:

^a EPA estimates that there are no existing facilities subject to 40 CFR 60, Subpart FFFF.

^b This ICR uses the following labor rates: \$57.07 (technical), \$76.91 (managerial), and \$30.88 (clerical). These rates are from Schedule, which excludes locality rates of pay. The rates have been increased by 60 percent to account for the benefit package.

^c We have assumed that this is a one-time only cost for existing respondents with units greater than 10 TPD.

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

Vaste Incineration Units (40 CFR Part 60, Subpart FFFF) (Final Rule) - Year 3 Burden

57.0776.9130.88Updated to 2024 dollars

(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
250	12.5	25	\$16,001
290	14.5	29	\$18,561
96	4.8	9.6	\$6,144
0	0	0	\$0
636	32	64	\$41,000

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ges available to government employees.

Table 9 - Summary of Annual Agency Burden and Cost - Emission Guidelines for Existing Other Solid Waste

Year	Technical Hours	Management Hours	Clerical Hours	Total Hours	Labor Costs	Non-Labor Costs	Total Costs
1	1,824	91	182	2,097	\$117,000	\$0	\$117,000
2	636	32	64	731	\$41,000	\$0	\$41,000
3	636	32	64	731	\$41,000	\$0	\$41,000
Total	3,096	155	310	3,560	\$199,000	\$0	\$199,000
Average	1,032	52	103	1,187	\$66,333	\$0	\$66,333

Note: There are no incremental costs to the Agency associated with the rulemaking.

Capital/Startup vs. Operation and Maintenance (O&M)

(A)	(B)	(C)	(D)
Initial Stack Test	Capital/Startup Cost for One Respondent	Number of New Respondents ^a	Total Capital/Startup Cost, (B X C)
Performance Tests (Non-ACI)	\$76,667	0	\$0
Performance Tests (ACI)	\$3,000	0	\$0
CEMS (CO and O2)	\$395,000	0	\$0
Control Device	\$33,800	0	\$0
Total			\$0

1) Costs

(E) Annual O&M Costs for One Respondent	(F) Number of Respondents with O&M	(G) Total O&M, (E X F)
\$76,667	0	\$0
\$3,000	29	\$87,000
\$73,700	0	\$0
\$2,500	0	\$0
		\$87,000

Number of Respondents			
	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	54	0
2	0	54	0
3	0	54	0
Average	0	54	0

¹ 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	54
0	54
0	54
0	54

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 $E=(B \times C)+D$
Preconstruction Report	0	1	N/A	0
Startup notification	0	1	N/A	0
Notification of intent to use substitute means of compliance	0	1	N/A	0
Notification of final compliance	25	1	N/A	25
Initial test report (non-ACI)	0	1	N/A	0
Initial test report (ACI)	0	1	N/A	0
Annual compliance reports (non-ACI, for units using stack tests)	0	1	N/A	0
Annual compliance reports (non-ACI, for units using the SMOC or AWC)	25	1	N/A	25
Annual compliance reports (ACI)	29	1	N/A	29
Waste Management Plan	25	1	N/A	25
Semiannual deviation report	3	2	N/A	6
		Total (rounded)		110