

ICR Summary Information

Hours per Response	40
Number of Respondents	170
Total Estimated Burden Hours	59,100
Total Estimated Costs	\$9,690,000
Annualized Capital O&M	\$2,770,000
Total Annual Responses	1467
Form Number	Not Applicable

Table 1: Annual Respondent Burden and Cost - NESHAP for Hazardous Waste Combustors (40 CFR 63, Subpart EEE) (Renewal)								
	Person Hours Per Year (by Labor Category)			Total Person Hours Per Respondent	Total Labor Costs Per Respondent	Total Hours and Costs		
	Manager \$157.61	Technical \$123.94	Clerical \$62.52			# of Respondents ^a	Total Hours	Total Labor Cost ^b
INFORMATION COLLECTION ACTIVITY								
1. Applications								
2. Survey and Studies								
3. Reporting requirements								
A. Familiarization with the rule ^c								
B. Required Activities	0.0	4.0	0.0	4.0	\$495.77	33	133.3	\$16,525.60
Operation and maintenance plan (63.1206 (c)(7))								
Request for approval for establishing set points with extrapolation for PM detectors ^d	0.0	10.0	1.0	11.0	\$1,301.94	1	11	\$1,301.94
Recommend alternative OPLs for units with ESP or IWSs ^e	0.0	10.0	1.0	11.0	\$1,301.94	6	63	\$7,421.04
Feedstreams Analysis Plan (63.1209(c)(2)) ^f								
Monitor and record feedrates	0.0	0.5	0.0	0.5	\$61.97	1	1	\$61.97
Perform waste analysis four time annually (non-commercial facilities)	0.0	8.0	0.0	8.0	\$991.54	1	8	\$991.54
Perform waste analysis 50 times annually (commercial facilities)	0.0	100.0	0.0	100.0	\$12,394.20	1	100	\$12,394.20
Quality control program (63.1209(d) and 63.8(d) ^g								
Develop and implement a CMS QC program	5.0	64.0	10.0	79.0	\$9,345.48	29	2,252	\$266,346.27
Conduct of performance evaluation and performance evaluation dates (63.1209(d) and 63.8(e)(4)) ^h								
Conduct a CMS performance evaluation	4.0	40.0	4.0	48.0	\$5,838.17	34	1,642	\$199,665.35
Quality control (QC) requirements (63, Subpart EEE Appendix, Section 1.1) ⁱ								
Develop and implement a QC program	8.0	140.0	12.0	160.0	\$19,362.92	29	4,560	\$551,843.33
Revise program, if necessary	1.0	8.0	1.0	10.0	\$1,211.66	6	57	\$6,906.45
Quality assurance (QA) requirements (63, Subpart EEE Appendix, Section 1.1) ^j								
Develop and implement a QA program	8.0	120.0	12.0	140.0	\$16,884.08	57	7,980	\$962,392.79
Revise or update plan, if necessary	1.0	8.0	1.0	10.0	\$1,211.66	6.3	63	\$7,597.10
Performance Evaluation (Appendix EEE, Section 5) ^k								
Conduct ACA, RATA, or interference response test as applicable	0.0	0.0	0.0	0.0	\$0.00	0	0	\$0
C. Create Information								
D. Gather Information								
E. Write Report								
Cement kilns with in-line raw mills (63.1220(d)) ^l								
Prepare and submit notification of compliance using the emission averaging requirements for cement kilns with in-line raw mills	1.0	3.0	1.0	5.0	\$591.95	1	5	\$591.95
Extension of compliance with emission standards (63.1206(b)(4), 63.6(i), 63.1213, and 63.9(c)) ^m								
Prepare and submit the request for an extension of compliance	2.0	10.0	4.0	30.0	\$1,804.70	7	106.7	\$12,031.32
Prepare and submit a progress report, as applicable	1.0	5.0	2.0	15.0	\$902.35	7	53.3	\$6,015.66
Changes in design, operation, or maintenance (63.1206(b)(5)) ⁿ								
Prepare and submit a notification of change in design, operation, or maintenance	2.0	52.0	8.0	62.0	\$7,260.33	29	1,767	\$206,919.41
Compliance with alternative MACT standards when not burning Hazardous Waste(63.1206(b)(1)(ii)) ^o								
Revise, as necessary, the performance test plan, Documentation of Compliance, and start-up, shutdown, and malfunction plan to reflect changes that will not adversely affect compliance with emission standards or operating requirements.	1.0	6.0	4.0	11.0	\$1,151.33	29	314	\$32,812.76
Applicability of particulate matter and opacity standards during particulate matter CEMS correlation tests (63.1206(b)(8)) ^o								
Prepare and submit a particulate matter CEMS correlation test plan	2.0	16.0	2.0	20.0	\$2,423.32	12	247	\$29,927.95
Request additional time extension for waiving PM and Opacity stnds	0.0	0.1	0.0	0.1	\$12.39	0	0	\$0
Alternative hydrocarbon monitoring location for short cement kilns burning haz waste at location other than hot end of kiln ^p								
Prepare and submit a petition for alternative monitoring location and emission standards	1.0	18.0	0.5	19.5	\$2,419.82	0	0	\$0

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	Person Hours Per Year (by Labor Category)			Total Person Hours Per Respondent	Total Labor Costs Per Respondent	Total Hours and Costs		
	Manager \$157.61	Technical \$123.94	Clerical \$62.52			# of Respondents ^a	Total Hours	Total Labor Cost ^b
INFORMATION COLLECTION ACTIVITY								
1. Applications								
2. Survey and Studies								
3. Reporting requirements								
Startup, shutdown, and malfunction plan (63.1206(c)(2) and 63.6(e)(3)) ^q								
Submit for review and approval by EPA	1.0	10.0	2.0	13.0	\$1,522.06	7	87	\$10,197.80
Excessive emissions reporting	3.0	11.0	1.0	15.0	\$1,898.69	6	86	\$10,822.56
Automatic waste feed cutoff (63.1206(c)(3)) ^q								
Develop and submit a written report documenting excessive exceedances and result of the investigation and corrective measures taken	2.0	16.0	0.5	18.5	\$2,329.54	6	105	\$13,278.38
ESV openings (63.1206(c)(4)) ^r								
Develop and submit a written report documenting the ESV opening and result of the investigation and corrective measures taken, and whether ESV event caused non-compliance	2.0	16.0	0.5	18.5	\$2,329.54	34	619.8	\$78,039.61
Combustion system leaks (63.1206(c)(5)) ^s								
Prepare and submit a request to use an alternative means of control to provide control of combustion system leaks	0.5	10.0	0.5	11.0	\$1,349.48	29	314	\$38,460.21
Operation and maintenance plan (63.1206 (c)(7)) ^t								
Notify EPA if alarm limit is exceeded more than 5% of the time in a 6-month block period	5.0	40.0	0.0	45.0	\$5,745.71	11	513	\$65,501.04
Comprehensive performance test requirements (63.1207(b)(1)) ^{h, u, v}								
Submittal of comprehensive performance test no later than 61 months after the date of commencing the previous comprehensive performance test	2.0	40.0	4.0	46.0	\$5,522.96	34	1,573	\$188,885.16
Submittal of one-time D/F testing for units w/out numerical D/F std	0.5	10.0	1.0	11.5	\$1,380.74	1	11.5	\$1,380.74
Request 60 day extension to complete testing	1.0	1.0	1.0	3.0	\$344.06	11	34	\$3,922.33
Request additional time for waiving OPLs for pretesting	1.0	1.0	1.0	3.0	\$344.06	6	17	\$1,961.16
Confirmatory performance test requirements (63.1207(b)(2)) ^w								
Perform the confirmatory performance test no later than 31 months after the date of commencing the previous comprehensive performance test	2.0	40.0	4.0	46.0	\$5,522.96	29	1,352	\$162,374.97
Data in lieu of the initial comprehensive performance test (63.1207(c)(2)) ^x								
Prepare and submit a request that previous emissions test data serve as documentation of conformance with emission standards	1.0	8.0	2.0	11.0	\$1,274.18	6	63	\$7,262.80
Notification of performance test and CMS performance evaluation and approval of test plan CMS performance evaluation plan (63.1207(e)) ^{y, z}								
Prepare and submit a notification of intention to conduct a performance test	1.0	4.0	1.0	6.0	\$715.89	34	205	\$24,483.44
Prepare and submit the rescheduled notification of intent to conduct a performance test, if test is postponed	1.0	4.0	1.0	6.0	\$715.89	3.4	20.5	\$2,448.34
Prepare and submit a site-specific comprehensive performance test plan	7.0	110.0	12.0	129.0	\$15,487.06	34	4,412	\$529,657.42
Prepare and submit the site-specific confirmatory performance test plan	2.0	30.0	10.0	42.0	\$4,658.64	20.5	861.8	\$95,595.29
Notification of compliance (63.1207(j), 63.9(h), 63.7(g), 63.10(d)(2) and 63.1210(d)) ^z								
Prepare and submit a notification of compliance	10.0	104.0	16.0	130.0	\$15,466.29	57	7,410	\$881,579
Prepare and submit a written request for a time extension, if necessary	0.5	0.0	1.0	1.5	\$141.32	6	9	\$805.52
Waiver of performance tests and request for time extension (63.1207(h) and 63.1207(m)) ^z								
Prepare and submit a request for a 6 month time extension for conducting a performance test if test plan has not been approved	2.0	24.0	2.0	28.0	\$3,414.85	6	160	\$19,464.66
Notify public of request for time extension	3.0	2.0	1.0	6.0	\$783.22	6	34	\$4,464.33
Feedstreams Analysis Plan (63.1209(c)(2))								
Submit the plan for review and approval, if requested by the EPA	0.0	0.0	0.5	0.5	\$31.26	0	0	\$0.00

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	Manager \$157.61	Technical \$123.94	Clerical \$62.52			# of Respondents ^a	Total Hours	Total Labor Cost ^b
INFORMATION COLLECTION ACTIVITY								
1. Applications								
2. Survey and Studies								
3. Reporting requirements								
Alternative compliance monitoring requirements for standards other than those monitored with a CEMS (63.1209(g)(1)) ^{aa}								
Prepare and submit an application for use of an alternative monitoring method	8.0	100.0	10.0	118.0	\$14,280.21	6	673	\$81,397.20
Prepare and submit an application to waive an operating limit	4.0	24.0	2.0	30.0	\$3,730.06	0	0	\$0
Use of CEMS in lieu of OPLs; or alternative methods in lieu of CEMS (63.1209(a)(5)) ^{aa}								
Prepare and submit an application for use of an alternative monitoring method	8.0	100.0	10.0	118.0	\$14,280.21	0	0	\$0
Prepare and submit an application to waive an operating limit	4.0	24.0	2.0	30.0	\$3,730.06	0	0	\$0
Prepare and submit request to extrapolate mercury feedrate limits ^{bb}	0.5	4.0	1.0	5.5	\$637.09	6	31	\$3,631.40
Prepare and submit request to extrapolate semivolatile metal and low volatile metal feedrate limits ^{bb}	0.5	4.0	1.0	5.5	\$637.09	6	31	\$3,631.40
Submit the CMS quality control program for inspection, if requested by the EPA ^{cc}	0.0	0.0	0.5	0.5	\$31.26	6	3	\$178.17
Notification of performance evaluation (63.1209(d) and 63.8(e)(2)) ^a								
Prepare and submit a notification of CMS performance evaluation	1.0	4.0	1.0	6.0	\$715.89	29	171	\$20,402.87
Additional notification requirements for CMS (63.9(g)(2) and (3)) ^a								
Prepare and submit additional notification requirements for source with CMS	1.0	4.0	1.0	6.0	\$715.89	29	171	\$20,402.87
Submission of site-specific performance evaluation test plan (63.1209(d) and 63.8(e)(3)) ^b								
Develop and submit a CMS site-specific performance evaluation test plan	10.0	44.0	8.0	62.0	\$7,529.63	34	2,120	\$257,513.48
Reporting results of CMS performance evaluations (63.10(e)(2)) ^b								
Prepare and submit a written report of the results of the CMS performance evaluation	1.0	36.0	6.0	43.0	\$4,994.62	34	1,471	\$170,815.97
Prepare and submit written reports of the results of the COMS performance evaluation, as applicable ^{dd}	1.0	18.0	4.0	23.0	\$2,638.63	0	0	\$0
Notice of intent to comply 63.1206(b)-(d) ^{ee}								
Prepare draft NIC	9.0	45.0	3.0	57.0	\$7,183.39	1	57	\$7,183.39
Notify public about meeting and draft NIC	1.0	3.0	2.0	6.0	\$654.47	1	6	\$654.47
Conduct public meeting	4.0	20.0	3.0	27.0	\$3,296.81	1	27	\$3,296.81
Prepare and submit final NIC	2.0	35.0	3.0	40.0	\$4,840.73	1	40	\$4,840.73
Prepare progress report	3.0	30.0	3.0	36.0	\$4,378.63	1	36	\$4,378.63
Initial notification 63.9(b) and 63.5(d) ^{ff}								
Prepare and submit and initial notification	2.0	8.0	1.0	11.0	\$1,369.26	1	11	\$1,369.26
Prepare and submit an application of approval of construction as applicable	7.0	32.0	0.5	39.5	\$5,100.64	1	39.5	\$5,100.64
Prepare and submit an application of approval of reconstruction as applicable	7.0	32.0	0.5	39.5	\$5,100.64	1	39.5	\$5,100.64
Adjustment to time periods or postmark deadlines for submittal and review of required communications 63.9(i) ^{gg}								
Prepare and submit a request for an adjustment to a time period or postmark deadline	0.3	2.0	0.5	2.8	\$318.54	14	39.2	\$4,539.25
Request to reduce frequency of excess emissions and continuous monitoring system performance results 63.10(e)(3)(i) ^{hh}								
Prepare and submit a request to reduce the frequency of excess emissions and CMS performance reports	0.3	2.0	0.5	2.8	\$318.54	6	15.7	\$1,815.70
Waiver of recordkeeping and reporting requirements ⁱⁱ								
Prepare and submit a waiver of recordkeeping and reporting	0.3	2.0	0.5	2.8	\$318.54	0.6	1.6	\$181.57
Startup, shutdown, and malfunction reports 63.10(d)(5)(i) and (ii) ^{jj}								
Prepare and submit a periodic startup, shutdown, and malfunction report, as applicable	0.3	5.0	1.0	6.3	\$721.63	14	89.1	\$10,283.20

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	Manager \$157.61	Technical \$123.94	Clerical \$62.52			# of Respondents ^a	Total Hours	Total Labor Cost ^b
INFORMATION COLLECTION ACTIVITY								
1. Applications								
2. Survey and Studies								
3. Reporting requirements								
Prepare and submit an immediate startup, shutdown, and malfunction report, as applicable	0.3	5.0	1.0	6.3	\$721.63	6	35.6	\$4,113.28
Excess emissions and continuous monitoring system performance report and summary report 63.10(e)(3) ^{kk}								
Prepare and submit an excess emissions and monitoring system performance report and summary report	0.3	4.0	2.0	6.3	\$660.20	57	356	\$37,631.59
Data compression ^{ll}								
Prepare and submit request for approval to use data compression techniques to record data on a less frequent basis than required by Section 63.1209	0.3	2.0	0.5	2.8	\$318.54	14	39.2	\$4,539.25
Extension of the compliance date to install pollution prevention or waste minimization controls (63.1213) ^{mm}								
Prepare and submit the request for an extension of compliance date due to installation of pollution prevention controls	4.0	24.0	2.0	30.0	\$3,730.06	6	171	\$21,261.35
Prepare and submit the request for an extension of compliance date due to waste minimization controls	4.0	24.0	2.0	30.0	\$3,730.06	6	171	\$21,261.35
Performance Evaluation (Appendix EEE, Section 5) ^h								
Prepare and submit a written report of the results of the performance evaluation	0.3	1.0	0.0	1.3	\$163.34	0	0	\$0
Use of alternative CEMS spans (63, Subpart EEE Appendix, Section 6.3.5) ⁿⁿ								
Prepare and submit a request to use an alternative CEMS span	0.5	25.0	1.0	26.5	\$3,239.87	0	0	\$0
Alternative risk based chlorine standards ^{oo}								
Make request to use risk based chlorine stnds	2.0	40.0	5.0	47.0	\$5,585.48	14	670	\$79,593.02
Subtotal for Reporting Requirements							43,763	\$ 5,237,448
4. Recordkeeping requirements								
A. Familiarization with Regulatory Requirements (see 3A)								
B. Plan activities (see 3B)								
C. Implement activities (see 3B)								
D. Develop record system								
E. Time to enter information								
Document in operating record compliance with the emission averaging requirements for cement kilns with in-line raw mills ^l	0.0	0.5	0.5	1.0	\$93.23	1	1	\$93.23
Compliance with alternative MACT standards when not burning Hazardous Waste(63.1206(b)(1)(ii)) ^{pp}								
Document in the operating record compliance with applicable CAA requirements in lieu of the requirements of Subpart EEE	0.0	4.0	0.0	4.0	\$495.77	3	11	\$1,412.94
Document design, operation, or maintenance change in operating record if it is determined that the change will not adversely affect compliance with emission standards or operating requirements ^q	0.0	1.0	0.0	1.0	\$123.94	29	29	\$3,532.35
Hazardous waste residence time ^{rs}								
Document hazardous waste residence time in operating record	0.0	4.0	0.5	4.5	\$527.03	1	4.5	\$527.03
Startup, shutdown, and malfunction plan (63.1206(c)(2) and 63.6(e)(3)) ^s								
Develop or revise a startup, shutdown, and malfunction plan	6.0	82.0	8.0	96.0	\$11,609.01	7	643	\$77,780.37
Automatic waste feed cutoff (63.1206(c)(3)) ^t								
Investigate the cause of any AWFCO, take appropriate corrective measures to minimize future AWFCOs, and record the findings and corrective measures in the operating record	2.0	16.0	0.5	18.5	\$2,329.54	114	2,109	\$265,567.62
Test the AWFCO system and associated alarms weekly and document and record AWFCO operability test procedures and result in the operating record	0.0	1.5	0.0	1.5	\$185.91	29	43	\$5,298.52
Document in the operating record that weekly inspections will unduly restrict or upset operations	0.0	0.5	0.0	0.5	\$61.97	29	14	\$1,766.17

Table 1: Annual Respondent Burden and Cost - NESHP for Hazardous Waste Combustors (40 CFR 63, Subpart EEE) (Renewal)

	Person Hours Per Year (by Labor Category)			Total Person Hours Per Respondent	Total Labor Costs Per Respondent	Total Hours and Costs		
	Manager \$157.61	Technical \$123.94	Clerical \$62.52			# of Respondents ^a	Total Hours	Total Labor Cost ^b
INFORMATION COLLECTION ACTIVITY								
1. Applications								
2. Survey and Studies								
3. Reporting requirements								
Test the AWFCO system monthly, and record results in operating record	0.0	1.5	0.0	1.5	\$185.91	29	43	\$5,298.52
Document in the operating record the operating and maintenance plan ramp down procedures, as applicable	0.5	6.0	1.0	7.5	\$884.97	114	855	\$100,886.75
ESV openings (63.1206(c)(4)) ^f								
Develop an ESV operating plan and keep it in the operating record	2.0	20.0	1.0	23.0	\$2,856.57	11.2	256.8	\$31,898.33
Investigate the cause of the ESV opening, take appropriate corrective measures to minimize such future ESV openings, record the findings and corrective measures in the operating record, and determine if ESV caused non-compliance	2.0	16.0	0.5	18.5	\$2,329.54	34	619.8	\$78,039.61
Combustion system leaks (63.1206(c)(5)) ^g								
Specify in the comprehensive test workplan and the notification of compliance the methods used to control combustion system leaks	0.0	0.3	0.0	0.3	\$30.99	29	7.1	\$883.09
Operation and maintenance plan (63.1206 (c)(7)) ^{h, i}								
Prepare an operation and maintenance plan and put in the operating record	5.0	295.0	10.0	310.0	\$37,976.09	7	2,077	\$254,439.77
Document alarm limit exceedences and corrective action taken.	5.0	40.0	0.0	45.0	\$5,745.71	11	513	\$65,501.04
Feedstreams Analysis Plan (63.1209(c)(2)) ^f								
Develop and implement a feedstream analysis plan and put plan in the operating record	1.0	5.0	1.0	7.0	\$839.83	1	7	\$839.83
Dioxins and furans (63.1209(k)) ^g								
Document in the operating record procedures used to ensure carbon bed lifetime is being sufficiently monitored and controlled	0.0	0.3	0.0	0.3	\$30.99	0	0	\$0
Document in the operating record that replacement carbon will provide the same level of control as original carbon used during the performance test	0.0	0.3	0.0	0.3	\$30.99	0	0	\$0
Document in the operating record that replacement inhibitor will provide the same level of control as the original inhibitor used during the performance test	0.0	0.3	0.0	0.3	\$30.99	0	0	\$0
Total chlorine (hydrochloride and chlorine gas) (63.1209(o)) ^g								
Document in the operating record that replacement sorbent will provide the same level of control as the original sorbent used during the performance test	0.0	0.3	0.0	0.3	\$30.99	0	0	\$0
Operating under different modes of operation (63.1207(g) and 63.1209(r)) ^{h, iiii}								
Document the mode of operation in the operating record, if a source has tested under two or more operating modes	0.0	0.3	0.0	0.3	\$30.99	29	7.1	\$883.09
Keep the CMS quality control program on record for the life of the affected source or until the affected source is no longer subject to the provisions of 40 CFR Part 63	0.0	0.0	0.5	0.5	\$31.26	29	14	\$890.87
General recordkeeping requirements 63.10(b) ^{vii}								
Retain files of all information (including all reports and notifications) for atleast 5 years	0.0	0.0	40.0	40.0	\$2,500.68	57	2,280	\$142,539
Additional recordkeeping requirements for source with CMS (63.10(c)) ^{vii}								
Maintain additional records for continuous monitoring systems	0.0	0.0	20.0	20.0	\$1,250.34	57	1,140	\$71,269
Documentation of Compliance 63.1211(d) ^{viii}								
Develop a Documentation of Compliance and include it in the operating record	1.0	10.0	2.0	13.0	\$1,522.06	57	741	\$86,757.36
Quality control (QC) requirements (63, Subpart EEE Appendix, Section 1.1) ⁱ								
Record program in operating record	0.0	20.0	0.0	20.0	\$2,478.84	57	1,140	\$141,294
Quality assurance (QA) requirements (63, Subpart EEE Appendix, Section 1.1) ⁱ								
Record plan in the operating record	0.0	10.0	0.0	10.0	\$1,239.42	57	570	\$70,647

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INFORMATION COLLECTION ACTIVITY								
1. Applications								
2. Survey and Studies								
3. Reporting requirements								
Calibration drift (CD) and zero drift (ZD) assessment and daily system audit (63, Subpart EEE Appendix, Section 4) ¹								
Check, record, and quantify the ZD and the CD at least once daily (330 times per year)	0.0	0.0	0.0	0.0	\$0.00	57	0	\$0
Retain all CEMS measurements in the operating record for at least 5 years	0.0	1.0	0.0	1.0	\$123.94	57	57	\$7,064.69
F. Train personnel								
Operator training and certification (63.1206(c)(6)) ²²								
Develop an operator training and certification program	6.8	136.0	13.6	156.4	\$18,778.06	6	891.5	\$107,034.93
Implement an operator training and certification program	0.6	12.0	1.2	13.8	\$1,656.89	57	787	\$94,442.58
Keep a record of the plan and records of certification and training activities	0.4	8.0	0.8	9.2	\$1,104.59	57	524	\$62,961.72
G. Audits								
<i>Subtotal for Recordkeeping Requirements</i>								
TOTAL LABOR BURDEN AND COSTS (ROUNDED) ²²							15,385	\$ 1,679,549
TOTAL CAPITAL AND O&M COST (ROUNDED) ²²							59,100	\$ 6,920,000
GRAND TOTAL (ROUNDED) ²²								\$ 9,600,000

Table 2: Average Annual EPA Burden and Cost – NESHP for Hazardous Waste Combustors (40 CFR Part 63, Subpart EEE) (Renewal)

INFORMATION COLLECTION ACTIVITY	Hours and Costs Per Respondent or Activity						Total Hours and Costs		
	Total Agency Hours Per Year (by Labor Category)						# Of Respondents ^a	Total Labor Hours	Total Costs ^b
	Manager \$70.56	Technical \$52.37	Clerical \$28.34	Total Person Hrs Per Respondent	Total Labor Cost Per Respondent				
Operation and Maintenance Plan ^c									
Review request to use alternative OPLs for ESP and ISWs	0.3	8.0	0.0	8.3	\$436.58	5.7	47.0	\$2,488.53	
Notify applicants of EPA's determination	0.3	0.0	0.3	0.5	\$24.72	5.7	2.9	\$254.93	
Analysis of feedstream ^d									
Request feedstream analysis plan	0.8	10.0	0.3	11.0	\$583.68	0.0	0.0	\$0.00	
Extension of the compliance date to install pollution prevention waste minimization controls ^e									
Review requests for an extension of compliance date	1.0	4.0	0.3	5.3	\$287.12	11.4	59.9	\$3,284.52	
Extension of compliance with emission standards ^f									
Review requests for extension of the compliance date	0.5	4.0	0.0	4.5	\$244.75	6.7	30.0	\$1,631.68	
Review progress reports, if required by EPA	0.5	1.0	0.0	1.5	\$87.65	6.7	10.0	\$584.32	
Notify applicants of EPA's determination	0.3	0.0	0.3	0.5	\$24.72	6.7	3.3	\$198.16	
Changes in design, operation, or maintenance ^g									
Review notifications of changes in design, operation, or maintenance	3.0	15.0	0.0	18.0	\$997.20	28.5	513.0	\$28,420	
Notify applicants of EPA's determination	0.3	0.0	0.3	0.5	\$24.72	28.5	14.3	\$733.13	
Applicability of particulate matter and opacity standards during PM CEMS correlation tests ^h									
Review of PM CEMS correlation test plans	0.3	10.0	0.0	10.3	\$541.32	12.4	126.6	\$6,685.30	
Notify applicants of EPA's determination	0.3	0.0	0.3	0.5	\$24.72	12.4	6.2	\$317.69	
Alternative particulate matter standard for liquid fuel boilers with low feedrates of metals ⁱ									
Review petitions for alternative particulate matter standard for liquid boilers with low feedrates of metals	0.5	15.0	0.0	15.5	\$820.80	2.1	32.6	\$1,723.68	
Notify applicants of EPA's determination	0.3	0.0	0.3	0.5	\$24.72	2.1	1.1	\$51.92	
Startup, shutdown, and malfunction plan ^j									
Review startup, shutdown, and malfunction plans, notify applicant of results of review	0.5	5.0	0.0	5.5	\$297.12	6.7	36.9	\$1,997.40	
Automatic waste feed cutoff ^k									
Review excessive exceedance reports	0.3	5.0	0.1	5.4	\$282.31	5.7	30.5	\$1,609.19	
Notify applicants of EPA's determination	0.3	0.0	0.3	0.5	\$24.72	5.7	2.9	\$146.63	
ESV openings ^l									
Review ESV openings report	0.3	5.0	0.1	5.4	\$282.31	33.5	179.2	\$9,457.51	
Notify applicants of EPA's determination	0.3	0.0	0.3	0.5	\$24.72	33.5	16.8	\$861.75	
Combustion system leaks ^m									
Review requests for approval of alternative means of combustion system leak control	0.5	2.0	0.0	2.5	\$140.02	28.5	71.3	\$3,990.46	
Notify applicants of EPA's determination	0.3	0.0	0.3	0.5	\$24.72	28.5	14.3	\$733.13	
Data in lieu of the initial comprehensive performance test ⁿ									
Review requests to base initial compliance data in lieu of a comprehensive performance test	2.0	20.0	0.0	22.0	\$1,188.48	5.7	125.4	\$6,774.34	
Notify applicants of the EPA's determination	0.3	0.0	0.3	0.5	\$24.72	5.7	2.9	\$146.63	
Notification of performance test and CMS performance evaluation and approval of test plan and CMS performance evaluation plan ^o									
Review notifications of intention to conduct a performance test	0.3	0.3	0.0	0.5	\$30.73	34.2	17.1	\$1,051.03	
Review notifications of delay in conducting a performance test	0.3	0.3	0.0	0.5	\$30.73	3.4	1.7	\$105.10	
Review site-specific comprehensive performance test plans	5.0	50.0	0.0	55.0	\$2,971.20	34.2	1881.0	\$101,615	
Review site-specific confirmatory performance test plans	2.0	10.0	0.0	12.0	\$664.80	20.5	246.2	\$13,641.70	
Notify applicants of the EPA's determination	0.3	0.0	0.3	0.5	\$24.72	34.2	17.1	\$1,529.56	
Notification of compliance ^p									
Review notifications of compliance	3.0	40.0	0.0	43.0	\$2,306.40	57.0	2451.0	\$131,465	
Review requests for a time extension for Notification of Compliance	0.3	4.0	0.0	4.3	\$227.11	5.7	24.2	\$1,294.54	
Notify applicants of the EPA's determination	0.3	0.0	0.3	0.5	\$24.72	5.7	2.9	\$140.93	

Table 2: Average Annual EPA Burden and Cost – NESHAP for Hazardous Waste Combustors (40 CFR Part 63, Subpart EEE) (Renewal)

INFORMATION COLLECTION ACTIVITY	Hours and Costs Per Respondent or Activity						Total Hours and Costs		
	Total Agency Hours Per Year (by Labor Category)						# Of Respondents ^a	Total Labor Hours	Total Costs ^b
	Manager \$70.56	Technical \$52.37	Clerical \$28.34	Total Person Hrs Per Respondent	Total Labor Cost Per Respondent				
Waiver of performance tests and request for time extension ⁵									
Review requests to waive a performance test or extension for conducting a performance test (other than the initial comprehensive performance test)	4.0	16.0	0.0	20.0	\$1,120.13	5.7	114.0	\$6,384.73	
Notify applicants of EPA's determination	0.3	0.0	0.3	0.5	\$24.72	5.7	2.9	\$140.93	
Alternative compliance, monitoring requirements for standards other than those monitored with a CEMS ⁶									
Review requests for approval of alternative monitoring methods, except for standards that must be monitored with a CEMS	0.5	10.0	0.0	10.5	\$558.96	5.7	59.9	\$3,186.07	
Review requests for approval of a waiver of an operating parameter limit	1.0	10.0	0.0	11.0	\$594.24	0.0	0.0	\$0	
Notify applicants of the EPA's determination for approval of alternative monitoring requirements	0.3	0.0	0.3	0.5	\$24.72	5.7	2.9	\$146.63	
Notify applicants of the EPA's determination for approval of a waiver of an operating parameter limit	0.3	0.0	0.3	0.5	\$24.72	0.0	0.0	\$0	
Dioxins and furans ⁷									
Review requests for approval to substitute a different brand or type of carbon	0.5	2.0	0.0	2.5	\$140.02	0.0	0.0	\$0	
Review requests for approval to substitute a different brand or type of inhibitor	0.5	2.0	0.0	2.5	\$140.02	0.0	0.0	\$0	
Notify applicants of the EPA's determination for approval to substitute a different brand or type of carbon	0.5	0.3	0.0	0.8	\$48.37	0.0	0.0	\$0	
Notify applicants of the EPA's determination for approval to substitute a different brand or type of inhibitor	0.5	0.3	0.0	0.8	\$48.37	0.0	0.0	\$0	
Mercury ^{8,9}									
Review requests for approval to use a CEMS in lieu of operating parameter limits	0.3	2.0	0.0	2.3	\$122.38	0.0	0.0	\$0	
Review requests to extrapolate mercury feedrate limits	0.3	2.0	0.0	2.3	\$122.38	5.7	12.8	\$697.54	
Notify applicants of the EPA's determination to extrapolate mercury feedrate limits	0.3	0.0	0.3	0.5	\$24.72	5.7	2.9	\$146.63	
Notify applicants of the EPA's determination for approval to use a CEMS	0.3	0.0	0.3	0.5	\$24.72	0.0	0.0	\$0	
Semivolatile and low semivolatile metals ^{10,11}									
Review requests for approval to use a CEMS in lieu of operating parameter limits	0.3	2.0	0.0	2.3	\$122.38	0.0	0.0	\$0	
Review requests to extrapolate semivolatile metal and low volatile metal feedrate limits	0.3	2.0	0.0	2.3	\$122.38	5.7	12.8	\$697.54	
Notify applicants of the EPA's determination to extrapolate SVM and LVM feedrates	0.3	0.0	0.3	0.5	\$24.72	5.7	2.9	\$146.63	
Notify applicants of the EPA's determination for approval to use a CEMS	0.3	0.0	0.3	0.5	\$24.72	0.0	0.0	\$0	
Total chlorine (hydrogen chloride and chlorine gas) ¹²									
Review requests for approval to substitute a different brand or type of sorbent	0.3	2.0	0.0	2.3	\$122.38	5.7	12.8	\$697.54	
Review requests for approval to use a CEMS in lieu of operating parameter limits	0.3	2.0	0.0	2.3	\$122.38	0.0	0.0	\$0	
Notify applicants of the EPA's determination for approval to substitute a different brand or type of sorbent	0.3	0.0	0.3	0.5	\$24.72	5.7	2.9	\$146.63	
Notify applicants of the EPA's determination for approval to use a CEMS	0.3	0.0	0.3	0.5	\$24.72	0.0	0.0	\$0	
Quality control program ¹³									
Review CMS quality control program	0.3	10.0	0.0	10.3	\$541.32	5.7	58.4	\$3,085.52	
Notify applicants of EPA's determination	0.3	0.0	0.3	0.5	\$24.72	5.7	2.9	\$380.33	
Notification of performance evaluation ¹⁴									
Review notifications of CMS performance evaluation	0.0	0.3	0.1	0.4	\$15.93	28.5	10.0	\$453.88	

Table 2: Average Annual EPA Burden and Cost – NESHAP for Hazardous Waste Combustors (40 CFR Part 63, Subpart EEE) (Renewal)

INFORMATION COLLECTION ACTIVITY	Hours and Costs Per Respondent or Activity						Total Hours and Costs		
	Total Agency Hours Per Year (by Labor Category)						# Of Respondents ^a	Total Labor Hours	Total Costs ^b
	Manager \$70.56	Technical \$52.37	Clerical \$28.34	Total Person Hrs Per Respondent	Total Labor Cost Per Respondent				
Additional notification requirements for sources with continuous monitoring systems ¹									
Review additional notification requirements for source with CMS	0.3	1.0	0.0	1.3	\$70.01	28.5	35.6	\$1,995.23	
Submission of site-specific performance evaluation test plan ⁴									
Review site-specific performance evaluation test plans	1.0	10.0	0.0	11.0	\$594.24	34.2	376.2	\$20,323.01	
Notify applicants of the EPA's determination	0.3	0.0	0.3	0.5	\$24.72	34.2	17.1	\$1,529.56	
Reporting results of continuous monitoring system performance evaluations ⁵									
Review written reports of the results of the CMS performance evaluation	0.5	5.0	0.0	5.5	\$297.12	34.2	188.1	\$10,161.50	
Notice of Intent to Comply ⁶									
Review draft and final NIC	2.0	30.0	0.0	32.0	\$1,712.16	1.0	32.0	\$1,732.16	
Attend public meeting	0.0	10.0	0.0	10.0	\$523.68	1.0	10.0	\$523.68	
Initial notification ⁷									
Review initial notifications	0.3	1.0	0.0	1.3	\$70.01	1.0	1.3	\$70.01	
Review applications of approval of construction	0.3	10.0	0.0	10.3	\$541.32	1.0	10.3	\$541.32	
Review applications of approval of reconstruction, as applicable	0.3	1.0	0.0	1.3	\$70.01	1.0	1.3	\$70.01	
Notify applicants of the EPA's determination	0.3	0.0	0.3	0.5	\$24.72	1.0	0.5	\$25.72	
Adjustment to time periods or postmark deadlines for submittal and review of equiped communications ⁸									
Review requests for an adjustment to time periods or postmark deadlines for submittal and review of required information	0.5	1.0	0.0	1.5	\$87.65	14.3	21.4	\$1,248.98	
Notify applicants of the EPA's determination	0.3	0.0	0.3	0.5	\$24.72	14.3	7.1	\$366.57	
Request to reduce frequency of excess emissions an continuous monitoring system performance results ⁹									
Review requests to reduce the frequency of excess emissions and CMS performance reports	0.5	1.0	0.0	1.5	\$87.65	5.7	8.6	\$499.59	
Notify applicants of the EPA's determination	0.3	0.0	0.3	0.5	\$24.72	5.7	2.9	\$146.63	
Waiver of record keeping and reporting requirements ²									
Review waivers of recordkeeping or reporting	0.5	1.0	0.0	1.5	\$87.65	0.6	0.9	\$49.96	
Notify applicants of the EPA's determination	0.3	0.0	0.3	0.5	\$24.72	0.6	0.3	\$14.66	
Startup shutdown and malfunction reports ^{3a}									
Review startup, shutdown, and malfunction report, as applicable	0.3	5.0	0.0	5.3	\$279.48	14	74.8	\$3,982.59	
Review immediate startup, shutdown, and malfunction report, as applicable	0.3	1.0	0.0	1.3	\$70.01	6	7.1	\$399.05	
Excess emissions and continuous monitoring system performance report and summary report ^{3b}									
Review excess emissions and monitoring system performance reports and summary reports	0.3	5.0	0.0	5.3	\$279.48	57.0	299.3	\$15,930.36	
Notify applicants of EPA's determination	0.3	0.0	0.3	0.5	\$24.72	57.0	28.5	\$1,466.27	
Data compression ^{3c}									
Review requests for approval to use data compression techniques to record data on a less frequent basis	0.5	1.0	0.0	1.5	\$87.65	14.3	21.4	\$1,248.98	
Notify applicants of the EPA's determination	0.3	0.0	0.3	0.5	\$24.72	14.3	7.1	\$366.57	
Performance Evaluation ^{3d}									
Review data collected from CEMS performance evaluation	0.5	5.0	0.0	5.5	\$297.12	0.0	0.0	\$0	
Notify applicants of EPA's determination	0.3	0.0	0.3	0.5	\$24.72	0.0	0.0	\$0	
Use of alternative CEMS spans ^{3e}									
Review requests for approval to use alternative CEMS spans and ranges	1.0	4.0	0.0	5.0	\$280.03	0.0	0.0	\$0	
Notify applicants of the EPA's determination	0.3	0.0	0.3	0.5	\$24.72	0.0	0.0	\$0	
Alternative Risk Based Chlorine Standards ⁴									
Review request for use of alternative risk based chlorine standards	3.0	20.0	2.0	25.0	\$1,315.71	14.3	356.3	\$18,763.15	

Table 2: Average Annual EPA Burden and Cost – NESHAP for Hazardous Waste Combustors (40 CFR Part 63, Subpart EEE) (Renewal)								
INFORMATION COLLECTION ACTIVITY	Hours and Costs Per Respondent or Activity					Total Hours and Costs		
	Total Agency Hours Per Year (by Labor Category)					# Of Respondents ^a	Total Labor Hours	Total Costs ^b
	Manager	Technical	Clerical	Total Person Hrs Per Respondent	Total Labor Cost Per Respondent			
Compliance with alternative MACT standards ⁹⁹								
Review operating record documenting compliance with all applicable CAA requirements and standards when not burning hazardous waste	0.5	2.0	0.0	2.5	\$140.02	2.9	7.1	\$399.05
Notify applicants of EPA's determination	0.3	0.0	0.3	0.5	\$24.72	2.9	1.4	\$73.31
Hazardous waste residence time ⁹⁸								
Review determination of hazardous waste residence time	0.3	2.0	0.0	2.3	\$122.38	1.0	2.3	\$122.38
Notify applicants of EPA's determination	0.3	0.0	0.3	0.5	\$24.72	1.0	0.5	\$25.72
Operator training and certification ¹								
Review operator training and certification programs	0.3	15.0	0.0	15.3	\$803.16	5.7	86.9	\$4,578.01
Notify applicants of EPA's determination	0.3	0.0	0.3	0.5	\$24.72	5.7	2.9	\$254.93
Additional mailing materials and postage costs (non-labor)								\$2,150
TOTAL ANNUAL BURDEN AND COST (ROUNDED) ¹							7,870	\$428,000

Total Annual Responses

(A) Information Collection Activity	(B) No. of Responses Submitted Per Year
Cement kilns with in-line raw mills	1
Extension of compliance with emission standards and compliance report	13
Changes in design, operation, or maintenance	29
Compliance with alternative MACT standards when not burning hazardous waste	29
CEMS correlation tests	12
Alternative hydrocarbon monitoring location for short cement kilns burning haz waste at location other than hot end of kiln	0
Startup, shutdown, and malfunction plan and excessive emissions report	12
Automatic waste feed cutoff exceedances report, testing results, and documentation	6
Automatic waste feed cutoff operating and maintenance plan ramp down procedures	0
ESV openings - reports and operating plan	34
Combustion system leaks - request for alternative means of control	29
Operator training and certification program	0
Operation and maintenance plan	11
Comprehensive performance test requirements, D/F testing, and extensions	52
Confirmatory performance test requirements	29
Notification of the initial comprehensive performance test evaluation and approval of test plan	6
Notification of compliance and time extension	92
Notification of compliance and time extension	63
Waiver of performance tests and request for time extension	11
Request for alternative monitoring requirements for standards other than those monitored with a CEMS	0
Request for alternative monitoring requirements for standards other than those monitored with a CEMS	6
Use of CEMS in lieu of OPDs or alternative methods in lieu of CEMS	0
Mercury, request to extrapolate feedrate limits and semi-volatile metal and low volatile metal feedrate limits	11
Dioxins and furans, operating records	0
Total chlorine, CMS quality control plan and operating records	6
Operating under different modes of operation	0
Notification of performance evaluation	29
Additional notification requirements for CMS	29
Submission of site-specific performance evaluation test plan	34
Reporting results of CMS and COMS performance evaluations	34
Notices of intent to comply	5
Initial notification applications of construction and reconstruction	3
Request to increase frequency of excess emissions and continuous monitoring system performance results	14
Request to increase frequency of excess emissions and continuous monitoring system performance results	6
Periodic and immediate startup, shutdown, and malfunction performance report and summary report	20
Periodic and immediate startup, shutdown, and malfunction performance report and summary report	57
Request for approval for data compression	14
Extension of the compliance date	11
Performance Evaluation Report	0
Request to use alternative CEMS spans (63, Subpart EEE Appendix, Section 6.3.5)	0
Request for alternative risk based chlorine standards	14
General recordkeeping requirements 63.10(b)	0
Additional recordkeeping requirements for source with CMS (63.10(c))	0
Waiver of recordkeeping and reporting requirements	1
Documentation of Compliance	0
Quality control (QC) requirements	0
Quality assurance (QA) requirements	0
Calibration drift (CD) and zero drift (ZD) assessment and daily system audit	0

(C) Number of Existing Respondents That Keep Records But Do Not Submit Responses	(D) Total Annual Responses (D) = (B+C)
0	1
0	13
0	29
3	31
0	12
0	0
0	12
86	91
114	114
11	45
29	57
57	57
18	30
0	52
0	29
0	6
0	92
0	63
0	11
0	0
0	6
0	0
0	11
0	0
0	6
29	29
0	29
0	29
0	34
0	34
0	5
0	3
0	14
0	6
0	20
0	57
0	14
0	11
0	0
0	0
0	14
57	57
57	57
0	0
57	57
57	57
57	57
114	114
Total	1,467

40 hrs/response

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)
Bag leak/PM Detectors	\$6,000	1	\$6,000
Correlation testing	\$18,000	1	\$18,000
CEMS (CO or THC and O ₂) ^a	\$137,547	1	\$137,547
COMs/Opacity Monitoring ^a	\$51,949	1	\$51,949
PM CEMS ^a	\$158,000	1	\$158,000
CPMS	\$43,500	1	\$43,500
Comprehensive performance test	\$0	0	\$0
One-time D/F testing for units w/o D/F standard	\$0	0	\$0
Confirmatory performance test	\$0	0	\$0
<i>Mailing Costs for Notifications and Reports</i>			
Notifications, requests for approval, and reports	\$0	0	\$0
Additional notifications	\$0	0	\$0
<i>Operator and Training Program</i>			
Develop operator training and certification program	\$0	0	\$0
<i>Public Notification Costs</i>			
Public Notification of Intent to Comply	\$250	1	\$250
<i>Recordkeeping Costs</i>			
Recordkeeping	\$200	171	\$11,401
Total (Rounded)^b			\$427,000

^a This O&M cost reflects 1st year O&M cost for new sources only. We have assumed no new sourc

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

Annual O&M Costs

(E) Annual O&M Costs for One Respondent	(F) Number of Respondents with O&M	(G) Total O&M, (E X F)
\$500	11.4	\$5,700
\$2,000	12.35	\$24,700
\$26,729	1	\$26,729
\$14,725	0	\$0
\$34,165	1	\$34,165
\$9,700	1	\$9,700
\$60,000	34	\$2,052,000
\$5,000	1	\$5,000
\$6,000	29	\$176,400
\$8	497	\$3,979
\$1	100	\$100
\$50	6	\$285
\$520	1	\$520
\$0	0	\$0
		\$2,340,000

es will incur O&M costs for COMS.

Number of Respondents (Total for 3-1)			
	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	1	168	0
2	1	169	0
3	1	170	0
Average Total Respondents	1	169	0
Avg. Respondents with Reporting & Recordkeeping each year ²	1	56	0

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

² The average number of respondents conducting reporting and recordkeeping activities in each year i

Year Period)	
(D)	(E)
Number of Existing Respondents That Are Also New Respondents	Number of Respondents (E=A+B+C-D)
0	169
0	170
0	171
0	170
0	57

s calculated as 1/3 of the total respondent universe. Figures may not add exactly due to rounding.