

**SUPPORTING STATEMENT
ENVIRONMENTAL PROTECTION AGENCY**

NSPS for Commercial and Industrial Solid Waste Incineration (CISWI) Units (40 CFR Part 60, Subpart CCCC) (Renewal)

1. Identification of the Information Collection

1(a) Title of the Information Collection

NSPS for Commercial and Industrial Solid Waste Incineration (CISWI) Units (40 CFR Part 60, Subpart CCCC) (Renewal), EPA ICR Number 2384.04, OMB Control Number 2060-0662

1(b) Short Characterization/Abstract

The New Source Performance Standards (NSPS) for the regulations published at 40 CFR Part 60, Subpart CCCC were proposed on November 30, 1999, promulgated on December 01, 2000 and most recently amended on February 7, 2013 and June 23, 2016. The 2013 amendment re-established emission limits and expanded the rule to cover an additional four CISWI subcategories: energy recovery units; waste burning kilns; burn-off ovens; and small, remote incinerators. The 2016 amendment finalized reconsiderations to certain aspects to the 2013 amendment and finalized actions on the following four topics: the definition of “continuous emission monitoring system (CEMS) data during startup and shutdown periods;” the particulate matter (PM) limit for the waste-burning kiln subcategory; the fuel variability factor (FVF) for coal-burning energy recovery units (ERUs); and the definition of “kiln.” These regulations apply to new Commercial and Industrial Solid Waste Incineration (CISWI) units that commenced construction after June 4, 2010, or commenced reconstruction or modification after August 7, 2013. This information is being collected to assure compliance with 40 CFR Part 60, Subpart CCCC.

The burden and cost estimates provided in this ICR are associated with CISWI units subject to the 2013 standards. Burden estimates for existing sources that are subject to the 2000 standards are addressed separately under EPA ICR Number 1926.07. Beginning in 2018, the CISWI units currently complying with the 2000 Subpart CCCC standards will be required to comply with the Emission Guidelines for Existing Commercial and Industrial Solid Waste Incineration Units (40 CFR Part 60, Subpart DDDD) at which time the burden associated with Subpart DDDD (EPA ICR Number 2385.06, OMB Control No. 2060-0664) will supersede the burden estimates in EPA ICR Number 1926.07 (OMB Control No. 2060-0450).

In general, all NSPS standards require initial notifications, performance tests, and periodic reports by the owners/operators of the affected facilities. They are also required to maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility, or any period during which the monitoring system is inoperative. These notifications, reports, and records are essential in determining compliance, and are required of all affected facilities subject to NSPS.

Any owner/operator subject to the provisions of this part shall maintain a file containing

these documents, and retain the file for at least five years following the generation date of such maintenance reports and records. All reports are sent to the delegated state or local authority. In the event that there is no such delegated authority, the reports are sent directly to the United States Environmental Protection Agency (EPA) regional office.

The “Affected Public” are owners and operators of new CISWI units. The “burden” to the Affected Public may be found below in Table 1: Annual Respondent Burden and Cost – NSPS for Commercial and Industrial Solid Waste Incineration (CISWI) Units (40 CFR Part 60, Subpart CCCC) (Renewal). The Federal Government burden is attributed entirely to work performed by either Federal employees or government contractors and may be found below in Table 2: Average Annual EPA Burden and Cost – NSPS for Commercial and Industrial Solid Waste Incineration (CISWI) Units (40 CFR Part 60, Subpart CCCC) (Renewal).

The population of CISWI units has been declining for several years. No new CISWI units are being constructed, even in the absence of regulations, because other waste disposal alternatives, such as landfilling, are usually more economical. However, for the small remote incinerator subcategory, we realize that other waste disposal alternatives may be unavailable, and therefore some new units may be constructed or older units replaced as their useful life expires.

Over the next three years, approximately 8 respondents per year will be subject to the standard, and 1 additional respondents per year will become subject to the standard. This is based on the assumption that one new small, remote incinerator is being constructed per year since these regulations were proposed.

The Office of Management and Budget (OMB) approved the currently active ICR without any “Terms of Clearance”.

2. Need for and Use of the Collection

2(a) Need/Authority for the Collection

The EPA is charged under Section 111 of the Clean Air Act (CAA), as amended, to establish standards of performance for new stationary sources that reflect:

... application of the best technological system of continuous emissions reduction which (taking into consideration the cost of achieving such emissions reduction, or any non-air quality health and environmental impact and energy requirements) the Administrator determines has been adequately demonstrated.
Section 111(a)(1).

The Agency refers to this charge as selecting the best demonstrated technology (BDT). Section 111 also requires that the Administrator review and, if appropriate, revise such standards every

eight years. In addition, section 114(a) states that the Administrator may require any owner/operator subject to any requirement of this Act to:

(A) Establish and maintain such records; (B) make such reports; (C) install, use, and maintain such monitoring equipment, and use such audit procedures, or methods; (D) sample such emissions (in accordance with such procedures or methods, at such locations, at such intervals, during such periods, and in such manner as the Administrator shall prescribe); (E) keep records on control equipment parameters, production variables or other indirect data when direct monitoring of emissions is impractical; (F) submit compliance certifications in accordance with Section 114(a)(3); and (G) provide such other information as the Administrator may reasonably require.

In the Administrator's judgment, particulate matter (PM), dioxins/furans, hydrogen chloride (HCl), cadmium (Cd), lead (Pb), mercury (Hg), carbon monoxide (CO), nitrogen oxides (NO_x) and sulfur dioxide (SO₂) emissions from CISWI units cause or contribute to air pollution that may reasonably be anticipated to endanger public health or welfare. Therefore, the NSPS were promulgated for this source category at 40 CFR Part 60, Subpart CCCC.

2(b) Practical Utility/Users of the Data

The recordkeeping and reporting requirements in the standard ensure compliance with the applicable regulations which were promulgated in accordance with the Clean Air Act. The collected information is also used for targeting inspections and as evidence in legal proceedings.

Performance tests are required in order to determine an affected facility's initial capability to comply with the emission standard. Continuous emission monitors are used to ensure compliance with the standard at all times. During the performance test a record of the operating parameters under which compliance was achieved may be recorded and used to determine compliance in place of a continuous emission monitor.

The notifications required in the standard are used to inform the Agency or delegated authority when a source becomes subject to the requirements of the regulations. The reviewing authority may then inspect the source to check if the pollution control devices are properly installed and operated, leaks are being detected and repaired, and the standard is being met. The performance test may also be observed.

The required semiannual reports are used to determine periods of excess emissions, identify problems at the facility, verify operation/maintenance procedures and for compliance determinations.

3. Nonduplication, Consultations, and Other Collection Criteria

The requested recordkeeping and reporting are required under 40 CFR Part 60, Subpart CCCC.

3(a) Nonduplication

If the subject standards have not been delegated, the information is sent directly to the appropriate EPA regional office. Otherwise, the information is sent directly to the delegated state or local agency. If a state or local agency has adopted its own similar standards to implement the Federal standards, a copy of the report submitted to the state or local agency can be sent to the Administrator in lieu of the report required by the Federal standards. Therefore, no duplication exists.

3(b) Public Notice Required Prior to ICR Submission to OMB

An announcement of a public comment period for the renewal of this ICR was published in the Federal Register (81 FR 26546) on May 3, 2016. No comments were received on the burden published in the Federal Register.

3(c) Consultations

The Agency has consulted industry experts and internal data sources to project the number of affected facilities and industry growth over the next three years. The primary source of information as reported by industry, in compliance with the recordkeeping and reporting provisions in the standard, is the Integrated Compliance Information System (ICIS). ICIS is EPA's database for the collection, maintenance, and retrieval of compliance data for industrial and government-owned facilities. The growth rate for the industry is based on our consultations with the Agency's internal industry experts.

Industry trade associations and other interested parties were provided an opportunity to comment on the burden associated with the standard as it was being developed and the standard has been previously reviewed to determine the minimum information needed for compliance purposes. In developing this ICR, we contacted both: 1) the Alaska Oil and Gas Association (AOGA), at info.aoga.org or (907) 272-1481; and 2) the National Waste & Recycling Association, at agermain@wasterecycling.org or (800) 424-2869.

It is our policy to respond after a thorough review of comments received since the last ICR renewal as well as those submitted in response to the first Federal Register notice. In this case, no comments were received.

3(d) Effects of Less Frequent Collection

Less frequent information collection would decrease the margin of assurance that facilities are continuing to meet the standards. Requirements for information gathering and recordkeeping are useful techniques to ensure that good operation and maintenance practices are applied and emission limitations are met. If the information required by these standards was

collected less frequently, the proper operation and maintenance of control equipment and the possibility of detecting violations would be less likely.

3(e) General Guidelines

These reporting or recordkeeping requirements do not violate any of the regulations promulgated by OMB under 5 CFR Part 1320, Section 1320.5.

These standards require the respondents to maintain all records, including reports and notifications for at least five years. This is consistent with the General Provisions as applied to the standards. EPA believes that the five-year records retention requirement is consistent with the Part 70 permit program and the five-year statute of limitations on which the permit program is based. The retention of records for five years allows EPA to establish the compliance history of a source, any pattern of non-compliance and to determine the appropriate level of enforcement action. EPA has found that the most flagrant violators have violations extending beyond five years. In addition, EPA would be prevented from pursuing the violators due to the destruction or nonexistence of essential records.

3(f) Confidentiality

Any information submitted to the Agency for which a claim of confidentiality is made will be safeguarded according to the Agency policies set forth in Title 40, chapter 1, part 2, subpart B - Confidentiality of Business Information (see 40 CFR 2; 41 FR 36902, September 1, 1976; amended by 43 FR 40000, September 8, 1978; 43 FR 42251, September 20, 1978; 44 FR 17674, March 23, 1979).

3(g) Sensitive Questions

The reporting or recordkeeping requirements in the standard do not include sensitive questions.

4. The Respondents and the Information Requested

4(a) Respondents/SIC Codes

The respondents to the recordkeeping and reporting requirements are owners and operators of CISWI units. The United States Standard Industrial Classification (SIC) codes for the respondents affected by the standards and the corresponding North American Industry Classification System (NAICS) codes are listed in the table below:

40 CFR Part 60, Subpart CCCC	SIC Codes	NAICS Codes
Chemical Manufacturing	2865, 2869, 2813, 2879, 2851, 2899, 2891, 2844, 2893, 2892	325
Merchant Wholesalers, Durable Goods	5012, 5013, 5014, 5015, 5021, 5023, 5031, 5032, 5033, 5039, 5043, 5044, 5045, 5046, 5047, 5048, 5049, 5051, 5052, 5063, 5064, 5065, 5072, 5074, 5075, 5078, 5082, 5083, 5084, 5085, 5087, 5088, 5091, 5092, 5093, 5094, 5099, 7822	423
Wood Product Manufacturing	2429, 2441, 2448, 2449	321
Furniture and Related Product Manufacturing	5712, 2515, 2591	337

4(b) Information Requested

(i) Data Items

In this ICR, all the data that is recorded or reported is required by the NSPS for Commercial and Industrial Solid Waste Incineration (CISWI) Units (40 CFR Part 60, Subpart CCCC).

A source must make the following reports:

Notifications	
Notification of preconstruction	60.2190
Notification of actual startup	60.2195
Initial performance test report	60.2200
Annual report	60.2205, 60.2210
Emission limitation or operating limit deviation report	60.2215, 60.2220
Qualified operator deviation notification	60.2225(a)(1)
Qualified operator deviation status report	60.2225(a)(2)
Qualified operator deviation notification of resumed operation	60.2225(b)

A source must keep the following records:

Recordkeeping	
Calendar date of each record	60.2175(a)
Records of operating parameters	60.2175(b), (p)
Records of malfunction of the unit and corrective action taken	60.2175(s), (u)
Records of exceedances of the operating parameters	60.2175(e)
Records of initial and annual stack tests	60.2175(f)
Records of siting analysis	60.2175(g)
Records of operating procedures and persons who have reviewed the operating procedures	60.2175(h), (m)
Records of persons who have completed operator training	60.2175(i)
Records of persons who meet operator qualification criteria	60.2175(j)
Records of monitoring device calibration and inspection	60.2175(k), (o)
Records of equipment vendor specifications for the incinerator, emission controls, and monitoring equipment.	60.2175(l)
Records of daily log of quantity and types of wastes burned.	60.2175(n)
Records of bypass stack use	60.2175 (q)
Records for documenting requirements to perform stack testing less than annually	60.2175 (r)
Records of maintenance performed on air pollution control and monitoring equipment	60.2175 (t)
Records for operating units that combust non-hazardous secondary materials documenting how the secondary material meets each of the legitimacy criteria under §241.3(d)(1)	60.2175 (v)
Records of the criteria used to establish that the unit qualifies as a small power production facility	60.2175 (w)
Records of the criteria used to establish that the unit qualifies as a cogeneration facility	60.2175 (x)

Electronic Reporting

Some of the respondents are using monitoring equipment that automatically records parameter data. Although personnel at the affected facility must still evaluate the data, internal automation has significantly reduced the burden associated with monitoring and recordkeeping at a plant site.

The 2013 amendment requires that respondents submit electronic copies of required performance test reports through CDX using the EPA's Compliance and Emissions Data

Reporting Interface (CEDRI). The CDX is the EPA's portal for submittal of electronic data using the EPA-provided ERT to generate electronic reports of performance tests and evaluations. The ERT generates an electronic report package that will be submitted using the CEDRI. The submitted report package will be stored in the CDX archive (the official copy of record) and the EPA's public database called WebFIRE.

(ii) Respondent Activities

Respondent Activities
Familiarization with the regulatory requirements.
Install, calibrate, maintain, and operate CMS for Hg, Pb, Cd, HCl, PM, CO, dioxins/furans, NOx and SO ₂ .
Perform initial performance test, Reference Method 1, 3A or 3B, 9, 22, and 23 test, and repeat performance tests if necessary.
Write the notifications and reports listed above.
Enter information required to be recorded above.
Submit the required reports developing, acquiring, installing, and utilizing technology and systems for the purpose of collecting, validating, and verifying information.
Develop, acquire, install, and utilize technology and systems for the purpose of processing and maintaining information.
Develop, acquire, install, and utilize technology and systems for the purpose of disclosing and providing information.
Train personnel to be able to respond to a collection of information.
Transmit, or otherwise disclose the information.

5. The Information Collected: Agency Activities, Collection Methodology, and Information Management

5(a) Agency Activities

EPA conducts the following activities in connection with the acquisition, analysis, storage, and distribution of the required information.

Agency Activities
Review notifications and reports, including performance test reports, and excess emissions reports, required to be submitted by industry.
Audit facility records.
Input, analyze, and maintain data in the Enforcement and Compliance History Online (ECHO) and ICIS.

5(b) Collection Methodology and Management

Following notification of startup, the reviewing authority could inspect the source to determine whether the pollution control devices are properly installed and operated. Performance test reports are used by the Agency to discern a source's initial capability to comply with the emission standard and note the operating conditions under which compliance was achieved. Data and records maintained by the respondents are tabulated and published for use in compliance and enforcement programs. The semiannual reports are used for problem identification, as a check on source operation and maintenance, and for compliance determinations.

Information contained in the reports is reported by state and local governments in the ICIS Air database, which is operated and maintained by EPA's Office of Compliance. ICIS is EPA's database for the collection, maintenance, and retrieval of compliance data for industrial and government-owned facilities. EPA uses ICIS for tracking air pollution compliance and enforcement by local and state regulatory agencies, EPA regional offices and EPA headquarters. EPA and its delegated Authorities can edit, store, retrieve and analyze the data.

The records required by this regulation must be retained by the owner/operator for five years.

5(c) Small Entity Flexibility

There are no small entities (i.e., small businesses) affected by this regulation. We expect the NSPS will only affect units in the small remote incinerator subcategory, which will consist primarily of large oil exploration and development entities.

The NSPS does not contain any provision reserved exclusively for the benefit of small entities. However, the NSPS does contain provisions that reduce the impact on all regulated entities, which would include any small entities (in the unlikely event that any new CISWI units are built). The owner or operator is allowed to skip two annual performance tests for a pollutant if all performance tests over the previous three years show compliance. Deviation reports are required only if there is a deviation, otherwise reporting is annual.

Due to technical considerations involving the process operations and the types of control equipment employed, the recordkeeping and reporting requirements are the same for both small

and large entities. The Agency considers these to be the minimum requirements needed to ensure compliance and, therefore, cannot reduce them further for small entities. To the extent that larger businesses can use economies of scale to reduce their burden, the overall burden will be reduced.

5(d) Collection Schedule

The specific frequency for each information collection activity within this request is shown in below Table 1: Annual Respondent Burden and Cost – NSPS for Commercial and Industrial Solid Waste Incineration (CISWI) Units (40 CFR Part 60, Subpart CCCC) (Renewal).

6. Estimating the Burden and Cost of the Collection

Table 1 documents the computation of individual burdens for the recordkeeping and reporting requirements applicable to the industry for the subpart included in this ICR. The individual burdens are expressed under standardized headings believed to be consistent with the concept of burden under the Paperwork Reduction Act. Where appropriate, specific tasks and major assumptions have been identified. Responses to this information collection are mandatory.

The Agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB Control Number.

6(a) Estimating Respondent Burden

The average annual burden to industry over the next three years from these recordkeeping and reporting requirements is estimated to be 1,450 (Total Labor Hours from Table 1). These hours are based on Agency studies and background documents from the development of the regulation, Agency knowledge and experience with the NSPS program, the previously approved ICR, and any comments received.

6(b) Estimating Respondent Costs

(i) Estimating Labor Costs

This ICR uses the following labor rates:

Managerial	\$138.43 (\$65.92+ 110%)
Technical	\$106.45 (\$50.69 + 110%)
Clerical	\$52.77 (\$25.13 + 110%)

These rates are from the United States Department of Labor, Bureau of Labor Statistics, September 2015, “Table 2. Civilian Workers, by occupational and industry group.” The rates are from column 1, “Total compensation.” The rates have been increased by 110 percent to account for the benefit packages available to those employed by private industry.

(ii) Estimating Capital/Startup and Operation and Maintenance Costs

The type of industry costs associated with the information collection activities in the subject standard are both labor costs which are addressed elsewhere in this ICR and the costs associated with continuous monitoring. The capital/startup costs are one-time costs when a facility becomes subject to the regulation. The annual operation and maintenance costs are the ongoing costs to maintain the monitors and other costs such as photocopying and postage.

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

Capital/Startup vs. Operation and Maintenance (O&M) Costs						
(A) Continuous Monitoring Device	(B) Capital/Startup Cost for One Respondent	(C) Number of New Respondents	(D) Total Capital/ Startup Cost, (B X C)	(E) Annual O&M Costs for One Respondent	(F) Number of Respondents with O&M	(G) Total O&M, (E X F)
Bag Leak Detectors	\$3,500	1	\$3,500	\$9,700	8	\$77,600
CO CEMS	\$12,600	1	\$12,600	\$41,400	8	\$331,200
ACI Monitors	\$0	1	\$0	\$4,200	8	\$33,600
Stack Tests	\$55,000	1	\$55,000	\$14,533	8	\$116,264
Postage for Performance Tests	\$7.50	1	\$8	\$7.50	8	\$60
Postage for Semiannual reports	\$0	0	\$0	\$15	0.8	\$12
Total			\$71,100			\$559,000
Total Capital and O&M Cost						\$630,000

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

The total capital/startup costs for this ICR are \$71,100. This is the total of column D in the above table.

The total operation and maintenance (O&M) costs for this ICR are \$559,000. This is the total of column G.

The average annual cost for capital/startup and operation and maintenance costs to industry over the next three years of the ICR is estimated to be \$630,000. These are recordkeeping costs.

6(c) Estimating Agency Burden and Cost

The only costs to the Agency are those costs associated with analysis of the reported information. EPA's overall compliance and enforcement program includes activities such as the examination of records maintained by the respondents, periodic inspection of sources of

emissions, and the publication and distribution of collected information.

The average annual Agency cost during the three years of the ICR is estimated to be \$19,700.

This cost is based on the average hourly labor rate as follows:

Managerial	\$64.16 (GS-13, Step 5, \$40.10 + 60%)
Technical	\$47.62 (GS-12, Step 1, \$29.76 + 60%)
Clerical	\$25.76 (GS-6, Step 3, \$16.10 + 60%)

These rates are from the Office of Personnel Management (OPM), 2016 General Schedule, which excludes locality rates of pay. The rates have been increased by 60 percent to account for the benefit packages available to government employees. Details upon which this estimate is based appear below in Table 2: Average Annual EPA Burden and Cost – NSPS for Commercial and Industrial Solid Waste Incineration (CISWI) Units (40 CFR Part 60, Subpart CCCC) (Renewal).

6(d) Estimating the Respondent Universe and Total Burden and Costs

Based on our research for this ICR, on average over the next three years, approximately 7 existing respondents will be subject to the standard. It is estimated that an additional 1 respondent per year will become subject. The overall average number of respondents, as shown in the table below, is 8 per year.

The number of respondents is calculated using the following table that addresses the three years covered by this ICR.

Number of Respondents					
	Respondents That Submit Reports		Respondents That Do Not Submit Any Reports		
Year	(A) Number of New Respondents ¹	(B) Number of Existing Respondents	(C) Number of Existing Respondents that keep records but do not submit reports	(D) Number of Existing Respondents That Are Also New Respondents	(E) Number of Respondents (E=A+B+C-D)
1	1	6	0	0	7
2	1	7	0	0	8
3	1	8	0	0	9
Average	1	7	0	0	8

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

Column D is subtracted to avoid double-counting respondents. As shown above, the

average Number of Respondents over the three-year period of this ICR is 8.

The total number of annual responses per year is calculated using the following table:

Total Annual Responses				
(A) Information Collection Activity	(B) Number of Respondents	(C) Number of Responses	(D) Number of Existing Respondents That Keep Records But Do Not Submit Reports	(E) Total Annual Responses $E=(B \times C)+D$
1) Notification of initial performance test	1	1	0	1
2) Notification of initial CMS Demonstration	1	1	0	1
3) Report of initial performance test	1	1	0	1
4) Report of initial CMS demonstration	NA			
5) Report prior to construction (includes siting analysis)	1	1	0	1
6) Report prior to initial start-up	1	1	0	1
7) Report of initial stack test	NA			
8) Report established values for site-specific operating parameters	1	1	0	1
9) Waste management plan	1	1	0	1
10) Annual Report	8	1	0	8
11) Notification for qualified operators that are off-site for more than 2 weeks	0.8	2	0	1.6
12) Status report for qualified operators that are off-site for more than 2 weeks	0.8	2	0	1.6
13) Semiannual report of emissions/parameter exceedances	0.8	2	0	1.6
			Total	19.8

NA - Included in capital/startup costs

The number of Total Annual Responses is 20 (rounded).

The total annual labor costs are \$149,000. Details regarding these estimates may be found below in Table 1: Annual Respondent Burden and Cost – NSPS for Commercial and Industrial Solid Waste Incineration (CISWI) Units (40 CFR Part 60, Subpart CCCC) (Renewal).

6(e) Bottom Line Burden Hours and Cost Tables

The detailed bottom line burden hours and cost calculations for the respondents and the Agency are shown in Tables 1 and 2 below, respectively, and summarized below.

(i) Respondent Tally

The total annual labor hours are 1,450. Details regarding these estimates may be found in Table 1. Annual Respondent Burden and Cost – NSPS for Commercial and Industrial Solid Waste Incineration (CISWI) Units (40 CFR Part 60, Subpart CCCC) (Renewal).

We assume that burdens for managerial tasks take 5% of the time required for technical tasks because the typical tasks for managers are to review and approve reports. Clerical burdens are assumed to take 10% of the time required for technical tasks because the typical duties of clerical staff are to proofread the reports, make copies and maintain records.

Furthermore, the annual public reporting and recordkeeping burden for this collection of information is estimated to average 73 hours per response.

The total annual capital/startup and O&M costs to the regulated entity are \$630,000. The cost calculations are detailed in Section 6(b)(iii), Capital/Startup vs. Operation and Maintenance (O&M) Costs.

(ii) The Agency Tally

The average annual Agency burden and cost over next three years is estimated to be 424 labor hours at a cost of \$19,700. See Table 2: Average Annual EPA Burden and Cost – NSPS for Commercial and Industrial Solid Waste Incineration (CISWI) Units (40 CFR Part 60, Subpart CCCC) (Renewal).

We assume that burdens for managerial tasks take 5% of the time required for technical tasks because the typical tasks for managers are to review and approve reports. Clerical burdens are assumed to take 10% of the time required for technical tasks because the typical duties of clerical staff are to proofread the reports, make copies and maintain records.

6(f) Reasons for Change in Burden

There is an adjustment increase in the total estimated burden, labor costs and capital and O&M costs as currently identified in the OMB Inventory of Approved Burdens. This increase is not due to any program changes. The change in the burden and cost estimates occurred because the respondent universe has increased since the most recently approved ICR.

6(g) Burden Statement

The annual public reporting and recordkeeping burden for this collection of information is estimated to average 73 hours per response. Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and

requirements; train personnel to be able to respond to a collection of information; search data sources; complete and review the collection of information; and transmit or otherwise disclose the information.

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB Control Number. The OMB Control Numbers for EPA regulations are listed at 40 CFR Part 9 and 48 CFR Chapter 15.

To comment on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including the use of automated collection techniques, EPA has established a public docket for this ICR under Docket ID Number EPA-HQ-OECA-2013-0315. An electronic version of the public docket is available at <http://www.regulations.gov/> which may be used to obtain a copy of the draft collection of information, submit or view public comments, access the index listing of the contents of the docket, and to access those documents in the public docket that are available electronically. When in the system, select "search," then key in the docket ID number identified in this document. The documents are also available for public viewing at the Enforcement and Compliance Docket and Information Center in the EPA Docket Center (EPA/DC), EPA West, Room 3334, 1301 Constitution Ave., NW, Washington, DC. The EPA Docket Center Public Reading Room is open from 8:30 a.m. to 4:30 p.m., Monday through Friday, excluding legal holidays. The telephone number for the Reading Room is (202) 566-1744, and the telephone number for the docket center is (202) 566-1927. Also, you can send comments to the Office of Information and Regulatory Affairs, Office of Management and Budget, 725 17th Street, NW, Washington, DC 20503, Attention: Desk Officer for EPA. Please include the EPA Docket ID Number EPA-HQ-OECA-2013-0315 and OMB Control Number 2060-0662 in any correspondence.

Part B of the Supporting Statement

This part is not applicable because no statistical methods were used in collecting this information.

Table 1: Annual Respondent Burden and Cost – NSPS for Commercial and Industrial Solid Waste Incineration (CISWI) Units (40 CFR Part 60, Subpart CCCC) (Renewal)

Burden Item	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
	Respondent Hours per Occurrence	Number of Occurrences Per Respondent Per Year	Hours Per Respondent Per Year (C=AxB)	Number of Respondents Per Year ^a	Technical Hours Per Year (E=CxD)	Management Hours Per Year (F=E \times 0.05)	Clerical Hours Per Year (G=E \times 0.1)	Total Costs Per Year (\$) ^b
1. Applications	N/A							
2. Surveys and Studies	N/A							
3. Reporting Requirements								
A. Familiarize with regulatory requirements ^c	1	1	1	8	8	0.4	0.8	\$949.19
B. Required Activities								
1) Initial stack test and report (PM, dioxins/furans, opacity, HCl, Cd, Pb, Hg, CO, NO _x , and SO ₂)	See Capital/ Startup Costs							
2) Annual stack test and test report (PM, HCl, Opacity, and Fugitive Ash)	See O&M Costs							
3) Operator training and qualification								
a) Establish and teach operator qualification course ^d	64	1	64	1	64	3.2	6.4	\$7,593.50
b) Obtain operator qualification ^d	72	1	72	1	72	3.6	7.2	\$8,542.69
c) Annual refresher course	12	1	12	8	96	4.8	9.6	\$11,390.26
d) Initial review of site-specific information	See 3A							
e) Annual review of site-specific information	8	1	8	8	64	3.2	6.4	\$7,593.50
4) Establish operating parameters (maximum and minimum) ^d	40	1	40	1	40	2	4	\$4,745.94
5) Continuous parameter monitoring (including CEMS)								
a) Initial monitoring	17	1	17	1	17	0.85	1.7	\$2,017.02
b) Annual monitoring	17	1	17	8	136	6.8	13.6	\$16,136.20
C. Create Information	See 3B							

D. Gather Information	See 3E							
E. Report Preparation								
1) Notification of initial performance test ^d								
a) Pollutants, fugitive ash emissions	2	1	2	1	2	0.1	0.2	\$237.30
b) Fugitive Ash Emissions	1	1	1	1	1	0.05	0.1	\$118.65
2) Notification of initial CMS Demonstration ^d	2	1	2	1	2	0.1	0.2	\$237.30
3) Report of initial performance test ^d								
a) Pollutants, fugitive ash emissions	8	1	8	1	8	0.4	0.8	\$949.19
b) Fugitive Ash Emissions	2	1	2	1	2	0.1	0.2	\$237.30
4) Report of initial CMS demonstration	See Capital/ Startup Costs							
5) Report prior to construction (includes siting analysis) ^d	160	1	160	1	160	8	16	\$18,983.76
6) Report prior to initial start-up ^{d,e}								
a) Without site-specific parameter petition	6	1	6	0.67	4.02	0.2	0.4	\$476.97
b) With site-specific parameter petition	14	1	14	0.33	4.62	0.23	0.46	\$548.16
7) Report of initial stack test	See 3B(1)							
8) Report established values for site-specific operating parameters	See 3B							
9) Waste management plan ^d	160	1	160	1	160	8	16	\$18,983.76
10) Annual Report:								
a) Results of performance tests conducted during the year	40	1	40	8	320	16	32	\$37,967.52
11) Notification for qualified operators that are off-site for more than 2 weeks ^f	8	2	16	0.8	12.8	0.64	1.28	\$1,518.70
12) Status report for qualified operators that are off-site for more than 2 weeks ^f	8	2	16	0.8	12.8	0.64	1.28	\$1,518.70
13) Semiannual report of emissions/parameter exceedances ^g	24	2	48	0.8	38.4	1.92	3.84	\$4,556.10
Subtotal for Reporting Requirements						1,408		\$145,302
4. Recordkeeping Requirements								
A. Familiarize with regulatory requirements	See 3A							

B. Plan Activities	N/A							
C. Implement Activities	N/A							
D. Develop Record System	N/A							
E. Record Information								
1) Records of operating parameters	See 3B(5b)							
2) Records of periods for which minimum amount of data on operating parameters were not obtained	0.5	52	26	0	0	0	0	\$0
3) Records of malfunction of the unit	1.5	1	1.5	0	0	0	0	\$0
4) Records of exceedances of the operating parameters ^a	1.5	2	3	0.8	2.4	0.12	0.24	\$284.76
5) Records of stack tests	See 3E							
6) Records of siting analysis	See 3E							
7) Records of persons who have reviewed operating procedures	1	1	1	8	8	0.4	0.8	\$949.19
8) Records of persons who have completed operator training	1	1	1	8	8	0.4	0.8	\$949.19
9) Records of persons who meet operator qualification criteria	1	1	1	8	8	0.4	0.8	\$949.19
10) Records of monitoring device calibration	See 3B							
11) Records of site-specific documentation ^e	24	1	24	0.33	7.92	0.396	0.792	\$939.70
F. Personnel Training	See 3B							
G. Time for Audits	N/A							
Subtotal for Recordkeeping Requirements						39		\$4,072
TOTAL LABOR BURDEN AND COST (rounded) ^h						1,450		\$149,000
TOTAL CAPITAL AND O&M COST (rounded) ^h								\$630,000
GRAND TOTAL (rounded) ^h								\$779,000

Assumptions:

^a We assume there are 8 existing sources subject to the rule and 1 additional source per year will become subject to the rule during the three year period of this ICR.

^b This ICR uses the following labor rates based on Department of Labor, Bureau of Labor Statistics (BLS) data "Table 2 Civilian Workers, by Occupational and Industry group. --\$138.43 per hour for Executive, Administrative, and Managerial labor; \$106.45 per hour for Technical labor, and \$52.77 per hour for Clerical labor. The rates have been increased by 110 percent to account for the benefit packages available to those employed by private industry.

^c We assume that all sources will have to familiarize with the regulatory requirements each year.

^d One-time only costs (1 new respondent per year).

^e Assumed that one-third of the facilities will petition for site-specific parameters.

^f We assume that 10 percent of the facilities would not have a qualified operator available for more than two weeks at least once a year (Note: each deviation requires 2 notifications, 1 for when the deviation occurs and 1 for when operation resumes). We also assume that each deviation will require only two status reports.

^g Assumed that 10 percent of the facilities would have an exceedance during the year.

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

Table 2: Average Annual EPA Burden and Cost – NSPS for Commercial and Industrial Solid Waste Incineration (CISWI) Units (40 CFR Part 60, Subpart CCCC) (Renewal)

Burden Item	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
	EPA Hours per Occurrence	Number of Occurrences Per Respondent Per Year	EPA Hours Per Respondent Per Year (C=AxB)	Number of Respondents Per Year ^a	Technical Hours Per Year (E=CXD)	Management Hours Per Year (F=Ex0.05)	Clerical Hours Per Year (G=Ex0.1)	Total Cost Per Year (\$) ^b
1. Applications	N/A							
2. Familiarize with regulatory requirements	16	1	16	0	0	0	0	\$0
3. Required Activities								
A. Observe initial stack tests (PM, dioxins/furans, opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO ₂) ^c	48	1	48	0.2	9.6	0.48	0.96	\$512.77
B. Excess emissions -- Enforcement Activities ^d	24	1	24	0.8	19.2	0.96	1.92	\$1,025.55
C. Create Information	N/A							
D. Gather Information	N/A							
E. Report Reviews								
1) Review waste management plan and siting analysis ^e	8	1	8	1	8	0.4	0.8	\$427.31
2) Review report submitted prior to initial startup ^e	2	1	2	1	2	0.1	0.2	\$106.83
3) Review initial stack test report ^e	40	1	40	1	40	2	4	\$2,136.56
4) Review annual compliance report	8	1	8	8	64	3.2	6.4	\$3,418.50
5) Review semi-annual excess emission and parameter exceedance report ^d	16	1	16	0.8	12.8	0.64	1.28	\$683.70
6) Review notifications and status reports for qualified operators off-site ^f	4	4	16	0.8	12.8	0.64	1.28	\$683.70
F. Prepare annual summary report	200	1	200	1	200	10	20	\$10,682.80
TOTAL ANNUAL BURDEN AND COST (rounded) ^g						424		\$19,700

Assumptions:

^a We assume there are 8 existing sources subject to the rule and 1 additional source per year will become subject to the rule during the three year period of this

ICR.

^b This ICR uses the following labor rates: \$47.63 for technical, \$64.16 for managerial, and \$25.76 for clerical labor. These rates are from the Office of Personnel Management (OPM), 2016 General Schedule, which excludes locality rates of pay. The rates have been increased by 60 percent to account for the benefit packages available to government employees.

^c Assumes EPA personnel attend 20 percent of the stack tests

^d Assume that 10 percent of the facilities have an exceedance during the year.

^e One-time only costs for each respondent.

^f We assume that 10 percent of the facilities would not have a qualified operator available for more than two weeks at least once a year (Note: each deviation requires 2 notifications, 1 for when the deviation occurs and 1 for when operation resumes). We also assume that each deviation will require only two status reports.

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