

**SUPPORTING STATEMENT  
ENVIRONMENTAL PROTECTION AGENCY**

**NESHAP for Shipbuilding and Ship Repair Facilities - Surface Coating (40 CFR Part 63, Subpart II) (Renewal)**

**1. Identification of the Information Collection**

**1(a) Title of the Information Collection**

NESHAP for Shipbuilding and Ship Repair Facilities - Surface Coating (40 CFR Part 63, Subpart II) (Renewal), EPA ICR Number 1712.11, OMB Control Number 2060-0330.

**1(b) Short Characterization/Abstract**

The National Emission Standards for Hazardous Air Pollutants (NESHAP) for Shipbuilding and Ship Repair Facilities - Surface Coating were proposed on December 6, 1994; and promulgated on December 15, 1995. These standards were most-recently amended on November 21, 2011; this amendment finalized the residual risk and technology review by: re-adopting existing MACT standards; eliminating the startup, shutdown, and malfunction (SSM) exemption; removing SSM plan requirements; and revising SSM-associated recordkeeping and reporting requirements for periods of malfunctions. The shipbuilding and ship repair industry consists of establishments that build, repair, repaint, convert and alter ships which are either marine or fresh-water vessels used for military and/or commercial operations. These regulations apply to only the shipbuilding and repair surface coating operations that occur at facilities that are major sources of hazardous air pollutants (HAPs). New facilities include those that commenced either construction or reconstruction after the date of proposal. This information is being collected to assure compliance with 40 CFR Part 63, Subpart II.

In general, all NESHAP 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 NESHAP.

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. If there is no such delegated authority, the reports are sent directly to the U.S. Environmental Protection Agency (EPA) regional office.

The "Affected Public" are owners or operators of shipbuilding and ship repair surface coating facilities. The "burden" to the Affected Public may be found at the end of this document in Tables 1a through 1c: Annual Respondent Burden and Cost – NESHAP for Shipbuilding and Ship Repair Facilities - Surface Coating (40 CFR Part 63, Subpart II) (Renewal). The "burden" to the Federal Government is attributed entirely to work performed by Federal employees and

may be found at the end of this document in Table 2: Average Annual EPA Burden and Cost – NESHAP for Shipbuilding and Ship Repair Facilities - Surface Coating (40 CFR Part 63, Subpart II) (Renewal). There are approximately 56 shipbuilding and ship repair surface coating facilities. Based on a review of ownership of sources reported to be subject to 40 CFR Part 63, Subpart II, 90 percent of sources are in the private sector, with the remainder being owned by the Federal Government. We assume that they will all respond to EPA requirements.

Based on our consultations with industry representatives, there is an average of one affected facility at each plant site and each plant site has only one respondent (i.e., the owner/operator of the plant site).

Over the next three years, approximately 56 respondents per year will be subject to these standards, and no additional respondents per year will become subject to these same standards.

## **2. Need for and Use of the Collection**

### **2(a) Need/Authority for the Collection**

The EPA is charged under Section 112 of the Clean Air Act, as amended, to establish standards of performance for each category or subcategory of major sources and area sources of hazardous air pollutants. These standards are applicable to either new or existing sources of hazardous air pollutants and shall require the maximum degree of emission reduction. 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, HAP emissions from surface coating operations at shipbuilding and repair facilities either cause or contribute to air pollution that may reasonably be anticipated to endanger public health and/or welfare. Therefore, the NESHAP were promulgated for this source category at 40 CFR Part 63, Subpart II.

## **2(b) Practical Utility/Users of the Data**

The recordkeeping and reporting requirements in these standards 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 standards. Continuous emission monitors are used to ensure compliance with these same standards 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 these standards are used to inform the Agency or its delegated authority when a source becomes subject to the requirements of these 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 that these standards are 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. Non-duplication, Consultations, and Other Collection Criteria**

The requested recordkeeping and reporting are required under 40 CFR Part 63, Subpart II.

### **3(a) Non-duplication**

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, duplication does not exist.

### **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* (85 FR 28003) on May 12, 2020. No comments were received on the burden published in the *Federal Register* for this renewal.

### **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 these standards, 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. Approximately 56 respondents will be subject to these same standards over the three-year period covered by this ICR.

Industry trade associations and other interested parties were provided an opportunity to comment on the burden associated with these standards as they were being developed and that these same standards have been reviewed previously to determine the minimum information needed for compliance purposes. In developing this ICR, we contacted both Arcosa Marine, at (985) 845-3556, and BAE Systems, at (703) 312 6100.

It is our policy to respond after a thorough review of comments received since the last ICR renewal, as well as for those submitted in response to the first *Federal Register* notice.

### **3(d) Effects of Less-Frequent Collection**

Less-frequent information collection would decrease the margin of assurance that facilities are continuing to meet these 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. The 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. The EPA has found that the most flagrant violators have violations extending beyond five years. In addition, the 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 (CBI) (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 these standards 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 shipbuilding and repair facilities. The United States Standard Industrial Classification (SIC) code for the respondents affected by these standards is SIC 3731, which corresponds to the North American Industry Classification System (NAICS) code 336611 for Ship Building and Repairing.

### **4(b) Information Requested**

#### **(i) Data Items**

In this ICR, all the data that are recorded or reported is required by the NESHAP for Shipbuilding and Ship Repair Facilities - Surface Coating (40 CFR Part 63, Subpart II).

A source must make the following reports:

<b>Notifications</b>	
Construction/reconstruction	§63.5
Initial notifications	§§63.9(b), 63.787(a)
Report of performance test results	§§63.10(d)(2), 63.788(a)
Initial performance test	§§63.7(b), 63.9(e)
Rescheduled initial performance test	§63.7(b)(2)
Continuous monitoring system notifications	§63.9(g)

<b>Notifications</b>	
Request for extension of compliance, adjustments in time periods, and changes in information	§§63.9(c), (i), and (j), 63.787(a)
Special compliance requirements	§§63.9(d), 63.787(a)

<b>Reports</b>	
Compliance status	§63.9(h)
Opacity or visible emissions	§§63.10(d)(3), 63.788(a)
Startup, shutdown, malfunction reports	§§63.10(d)(5), 63.788(a)
Progress reports	§§63.10(d)(4), 63.788(a)
Additional reports for sources with continuous monitoring systems	§§63.10(e), 63.788(a)
Implementation plan	§63.787(b)
Semiannual report of coating and thinner usage	§63.788(c)
Request for waiver of recordkeeping or reporting requirements	§§63.10(f), 63.788(a)

A source must keep the following records:

<b>Recordkeeping</b>	
Startups, shutdowns, malfunctions, periods where the continuous monitoring system is inoperative	§§63.10(b)(2), 63.788(a)
All reports and notifications	§§63.10(a), 63.10(b), 63.788(a), 63.788(b)
Record of applicability	§§63.10(b)(3), 63.788(a)
Records for sources with continuous monitoring systems	§§63.10(c), 63.788(a)
Records of coating applied	§63.788(b)(1)
Records related to initial notification and implementation plan	§63.788(b)(2)

<b>Recordkeeping</b>	
Records related to coatings and containers used	§63.788(b)(2)
Records related to coatings and thinners used	§63.788(b)(3)
Records are required to be retained for five years. The first 2 years of records must be retained at the facility.	§63.788(b)

### 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.

### **(ii) Respondent Activities**

<b>Respondent Activities</b>
Familiarization with the regulatory requirements.
Install, calibrate, maintain, and operate CMS for opacity, or for pressure drop and liquid supply pressure for control device, if approved and used.
Perform initial performance test, Reference Method 24 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 collecting, validating, and verifying information.
Develop, acquire, install, and utilize technology and systems for processing and maintaining information.
Develop, acquire, install, and utilize technology and systems for 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

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

<b>Agency Activities</b>
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. The EPA uses ICIS for tracking air pollution compliance and enforcement by local and state regulatory agencies, EPA regional offices and EPA headquarters. The 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

The regulation affects both small and large entities. While the exact distribution of small and large entity is unknown, the impact on small entities (i.e., small businesses) was taken into

consideration during the development of the regulation. The recordkeeping and reporting requirements were selected within the context of this specific Subpart and the specific process equipment and pollutants. The requirements reflect the burden on small businesses. 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. There is also a “low usage” exemption, which may reduce the recordkeeping and reporting burden for some small businesses. This “low usage” exemption stipulates that the provisions of the regulation do not apply to coatings used in volumes of less than 200 liters per year.

#### **5(d) Collection Schedule**

The specific frequency for each information collection activity within this request is shown at the end of this document in Tables 1a through 1c: Annual Respondent Burden and Cost – NESHAP for Shipbuilding and Ship Repair Facilities - Surface Coating (40 CFR Part 63, Subpart II)(Renewal).

### **6. Estimating the Burden and Cost of the Collection**

Tables 1a through 1c document 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 neither conduct nor 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 28,700 hours (Total Labor Hours from Tables 1a through 1c at the end of this document). These hours are based on Agency studies and background documents from the development of these regulations, Agency knowledge and experience with the NESHAP program, the previously-approved ICR, and any comments received.

#### **6(b) Estimating Respondent Costs**

##### **(i) Estimating Labor Costs**

For private facilities, this ICR uses the following labor rates:

Managerial	\$148.45 (\$70.69 + 110%)
Technical	\$121.46 (\$57.84 + 110%)
Clerical	\$60.23 (\$28.68 + 110%)

These rates are from the United States Department of Labor, Bureau of Labor Statistics, March 2020, “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.

For Federal facilities, this ICR uses the following labor rates:

Managerial	\$68.37 (GS-13, Step 5, \$42.73 + 60%)
Technical	\$50.72 (GS-12, Step 1, \$31.70 + 60%)
Clerical	\$27.46 (GS-6, Step 3, \$17.16 + 60%)

These rates are from the Office of Personnel Management (OPM), 2020 General Schedule, which excludes locality rates of pay. The rates have been increased by 60 percent to account for the benefit packages available to Federal government employees.

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

The only costs to the regulated industry resulting from information collection activities required by the subject standard(s) are labor costs. There are no capital/startup or operation and maintenance costs.

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

The only type of industry costs associated with the information collection activity in the regulations are labor costs. Once again, there are no capital/startup or operation and maintenance costs for this ICR.

### **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 such activities 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 \$12,700.

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

Managerial	\$68.37 (GS-13, Step 5, \$42.73 + 60%)
Technical	\$50.72 (GS-12, Step 1, \$31.70 + 60%)
Clerical	\$27.46 (GS-6, Step 3, \$17.16 + 60%)

These rates are from the Office of Personnel Management (OPM), 2020 General Schedule, which excludes locality rates of pay. The rates have been increased by 60 percent to account for the benefit packages available to Federal government employees. Details upon which this estimate is based appear at the end of this document in Table 2: Average Annual EPA Burden and Cost – NESHAP for Shipbuilding and Ship Repair Facilities - Surface Coating (40 CFR Part 63, Subpart II) (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 56 existing respondents will be subject to these standards. It is estimated that no additional respondents per year will become subject. The overall average number of respondents, as shown in the table below, is 56 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 <sup>1</sup>	(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	0	56	0	0	56
2	0	56	0	0	56
3	0	56	0	0	56
Average	0	56	0	0	56

<sup>1</sup> 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 56.

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

<b>Total Annual Responses</b>				
(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=(BxC)+D
Semiannual Report/Notification	56	2	0	112
			<b>Total</b>	<b>112</b>

The number of Total Annual Responses is 112.

The total annual labor costs are \$3,200,000. Details regarding these estimates may be found at the end of this document in Tables 1a through 1c: Annual Respondent Burden and Cost – NESHAP for Shipbuilding and Ship Repair Facilities - Surface Coating (40 CFR Part 63, Subpart II) (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 1a, 1b, 1c and 2 at the end of this document, respectively, and summarized below.

##### **(i) Respondent Tally**

The total annual labor hours are 28,700 hours. Details regarding these estimates may be found in Tables 1a through 1c: Annual Respondent Burden and Cost – NESHAP for Shipbuilding and Ship Repair Facilities - Surface Coating (40 CFR Part 63, Subpart II) (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 256 hours per response.

The total annual capital/startup and O&M costs to the regulated entity are \$0. 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 258 labor hours at a cost of \$12,700; see below in Table 2: Average Annual EPA Burden and Cost – NESHAP for Shipbuilding and Ship Repair Facilities - Surface Coating (40 CFR Part 63, Subpart II) (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 no change in burden from the most recently-approved ICR as currently identified in the OMB Inventory of Approved Burdens. This is due to two considerations: 1) these regulations have not changed over the past three years and are not anticipated to change over the next three years; and 2) the growth rate for this industry is very low or non-existent, so there is no significant change in the overall burden. Since there are no changes in the regulatory requirements and there is no significant industry growth, there are also no changes in the capital/startup or operation and maintenance (O&M) costs. There is a slight increase in costs, which is wholly due to the use of updated labor rates. This ICR more accurately reflects the costs by public or private industry sector. This ICR uses labor rates from the most recent Bureau of Labor Statistics report (March 2020) to calculate respondent burden costs for the 90% of respondents owned by the private sector, and also uses updated labor rates from the Office of Personnel Management (OPM), 2020 General Schedule for the 10% of respondents owned by the public sector, who are Federal employees.

## **6(g) Burden Statement**

The annual public reporting and recordkeeping burden for this collection of information is estimated to average 256 hours per response. ‘Burden’ means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information either 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 neither conduct nor 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-2014-0056. 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), WJC 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) 566-1752. 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-2014-0056 and OMB Control Number 2060-0330 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 1a: Annual Respondent Burden and Cost – NESHAP for Shipbuilding and Ship Repair Facilities - Surface Coating (40 CFR Part 63, Subpart II) (Renewal) (Private Sector)**

<b>Burden item</b>	<b>(A) Person hours per occurrence</b>	<b>(B) No. of occurrences per respondent per year</b>	<b>(C) Person hours per respondent per year (C=AxB)</b>	<b>(D) Respondents per year <sup>a</sup></b>	<b>(E) Technical person- hours per year (E=CxD)</b>	<b>(F) Management person hours per year (Ex0.05)</b>	<b>(G) Clerical person hours per year (Ex0.1)</b>	<b>(H) Total Cost per year <sup>b</sup></b>
1. Applications	N/A							
2. Survey and Studies	N/A							
3. Reporting Requirements								
a. Familiarization with Regulatory Requirements	1	1	1	50	50	2.5	5	\$6,745.28
b. Required Activities	See 3e							
c. Create Information	See 3e							
d. Gather Existing Information	See 3e							
e. Write Report								
Notification of Construction/Reconstruction <sup>c</sup>	2	1	2	0	0	0	0	\$0
Notification of Demonstration of CMS <sup>c</sup>	N/A							
Report of Performance Test <sup>c</sup>	N/A							
Initial Notification and Implementation <sup>c</sup>	14	1	14	0	0	0	0	\$0
Semiannual Notification of Compliance Status	8	2	16	50	800	40	80	\$107,924.40
<b>Subtotal for Reporting Requirements</b>						978		\$114,670
4. Recordkeeping Requirements								

Burden item	(A) Person hours per occurrence	(B) No. of occurrences per respondent per year	(C) Person hours per respondent per year (C=AxB)	(D) Respondents per year <sup>a</sup>	(E) Technical person- hours per year (E=CxD)	(F) Management person hours per year (Ex0.05)	(G) Clerical person hours per year (Ex0.1)	(H) Total Cost per year <sup>b</sup>
a. Familiarization with Regulatory Requirements	See 3a							
b. Plan Activities	N/A							
c. Implement Activities	8	50	400	50	20,000	1,000	2,000	\$2,698,110.00
d. Develop Record System <sup>c</sup>	8	1	8	0	0	0	0	\$0
e. Train Personnel	28	1	28	50	1,400	70	140	\$188,867.70
g. Audits	N/A							
<b>Subtotal for Recordkeeping Requirements</b>						24,610		\$2,886,978
<b>TOTAL LABOR BURDEN AND COST (rounded)<sup>d</sup></b>						<b>25,600</b>		<b>\$3,000,000</b>
<b>TOTAL CAPITAL AND O&amp;M COST (rounded)<sup>d</sup></b>								<b>\$0</b>
<b>GRAND TOTAL (rounded)<sup>d</sup></b>						<b>25,600</b>		<b>\$3,000,000</b>

**Assumptions:**

<sup>a</sup> Number of affected facilities per year is 56. We assume 90 percent of sources are in the private sector, or approximately 50 respondents. We have assumed that there will be no new growth over the three-year period of this ICR. We assume that each respondent will have to familiarize with the regulatory requirements each year.

<sup>b</sup> This ICR uses the following labor rates: \$148.45 per hour for Executive, Administrative, and Managerial labor; \$121.46 per hour for Technical labor, and \$60.23 per hour for Clerical labor. These rates are from the United States Department of Labor, Bureau of Labor Statistics, March 2020, 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.

<sup>c</sup> We have assumed this is a one-time-only cost.

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

**Table 1b: Annual Respondent Burden and Cost – NESHAP for Shipbuilding and Ship Repair Facilities - Surface Coating (40 CFR Part 63, Subpart II) (Renewal) (Public Sector)**

Burden item	(A) Person hours per occurrence	(B) No. of occurrences per respondent per year	(C) Person hours per respondent per year (C=AxB)	(D) Respondents per year <sup>a</sup>	(E) Technical person- hours per year (E=CxD)	(F) Managemen t person hours per year (Ex0.05)	(G) Clerical person hours per year (Ex0.1)	(H) Total Cost per year <sup>b</sup>
1. Applications	N/A							
2. Survey and Studies	N/A							
3. Reporting Requirements								
a. Familiarization with Regulatory Requirements	1	1	1	6	6	0.3	0.6	\$341.31
b. Required Activities	See 3e							
c. Create Information	See 3e							
d. Gather Existing Information	See 3e							
e. Write Report								
Notification of Construction/Reconstruction <sup>c</sup>	2	1	2	0	0	0	0	\$0
Notification of Demonstration of CMS <sup>c</sup>	N/A							
Report of Performance Test <sup>c</sup>	N/A							
Initial Notification and Implementation <sup>c</sup>	14	1	14	0	0	0	0	\$0
Semiannual Notification of Compliance Status	8	2	16	6	96	4.8	9.6	\$5,460.91
<b>Subtotal for Reporting Requirements</b>						117		\$5,802
4. Recordkeeping Requirements								
a. Familiarization with	See 3a							

Burden item	(A) Person hours per occurrence	(B) No. of occurrences per respondent per year	(C) Person hours per respondent per year (C=AxB)	(D) Respondents per year <sup>a</sup>	(E) Technical person- hours per year (E=CxD)	(F) Managemen t person hours per year (Ex0.05)	(G) Clerical person hours per year (Ex0.1)	(H) Total Cost per year <sup>b</sup>
Regulatory Requirements								
b. Plan Activities	N/A							
c. Implement Activities	8	50	400	6	2,400	120	240	\$136,522.80
d. Develop Record System <sup>c</sup>	8	1	8	0	0	0	0	\$0
e. Train Personnel	28	1	28	6	168	8.4	16.8	\$9,556.60
g. Audits	N/A							
<b>Subtotal for Recordkeeping Requirements</b>						2,953		\$146,079
<b>TOTAL LABOR BURDEN AND COST (rounded)<sup>d</sup></b>						<b>3,100</b>		<b>\$150,000</b>
<b>TOTAL CAPITAL AND O&amp;M COST (rounded)<sup>d</sup></b>								<b>\$0</b>
<b>GRAND TOTAL (rounded)<sup>d</sup></b>						<b>3,100</b>		<b>\$150,000</b>

**Assumptions:**

<sup>a</sup> Number of affected facilities per year is 56. We assume 10 percent of sources are in the public sector, or approximately 6 respondents. We have assumed that there will be no new growth over the three-year period of this ICR. We assume that each respondent will have to familiarize with the regulatory requirements each year.

<sup>b</sup> This cost is based on the following hourly labor rates times a 1.6 benefits multiplication factor to account for government overhead expenses: \$68.37 for Managerial (GS-13, Step 5, \$42.73 x 1.6), \$50.72 for Technical (GS-12, Step 1, \$31.70 x 1.6) and \$27.46 Clerical (GS-6, Step 3, \$17.16 x 1.6). These rates are from the Office of Personnel Management (OPM) "2020 General Schedule" which excludes locality rates of pay.

<sup>c</sup> We have assumed this is a one-time-only cost.

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

**Table 1c: Annual Respondent Burden and Cost Breakdown by Affected Sector– NESHAP for Shipbuilding and Ship Repair Facilities - Surface Coating (40 CFR Part 63, Subpart II) (Renewal)**

Affected Sector	Number of Responses	Labor Hours			Labor Cost	Capital and O&M Cost
		Reporting	Recordkeeping	Total		
Private	50	978	24,610	25,600	\$3,000,000	\$0
Public (Federal)	6	117	2,953	3,070	\$150,000	\$0
<b>Total <sup>a</sup></b>	<b>56</b>	<b>1,100</b>	<b>27,600</b>	<b>28,700</b>	<b>\$3,200,000</b>	<b>\$0</b>

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

**Table 2: Average Annual EPA Burden and Cost – NESHAP for Shipbuilding and Ship Repair Facilities - Surface Coating (40 CFR Part 63, Subpart II) (Renewal)**

Activity	(A) EPA person-hours per occurrence	(B) No. of occurrences per plant per year	(C) EPA person hours per plant per year (AxB)	(D) Plants per year <sup>a</sup>	(E) Technical person-hours per year (CxD)	(F) Management person-hours per year (Ex0.05)	(G) Clerical person-hours per year (Ex0.1)	(H) Cost, \$ <sup>b</sup>
Initial Performance Tests <sup>c</sup>	N/A							
Repeat Performance Test	N/A							
Report Review								
Notification of Construction <sup>c</sup>	2	1	2	0	0	0	0	\$0
Review of Initial Notification and Implementation Plan <sup>c</sup>	2	1	2	0	0	0	0	\$0
Review of Semiannual Notification of Compliance Status	2	2	4	56	224	11.2	22.4	\$12,742
<b>TOTAL ANNUAL BURDEN AND COST (rounded)<sup>d</sup></b>					<b>258</b>			<b>\$12,700</b>

**Assumptions:**

<sup>a</sup> Number of affected facilities per year is 56.

<sup>b</sup> This cost is based on the following hourly labor rates times a 1.6 benefits multiplication factor to account for government overhead expenses: \$68.37 for Managerial (GS-13, Step 5, \$42.73 x 1.6), \$50.72 for Technical (GS-12, Step 1, \$31.70 x 1.6) and \$27.46 Clerical (GS-6, Step 3, \$17.16 x 1.6). These rates are from the Office of Personnel Management (OPM) "2020 General Schedule" which excludes locality rates of pay.

<sup>c</sup> We have assumed this is a one-time-only cost.

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