

**SUPPORTING STATEMENT  
ENVIRONMENTAL PROTECTION AGENCY**

**NESHAP for Pesticide Active Ingredient Production (40 CFR Part 63, Subpart MMM)  
(Renewal)**

**1. Identification of the Information Collection**

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

NESHAP for Pesticide Active Ingredient Production (40 CFR Part 63, Subpart MMM)  
(Renewal), EPA ICR Number 1807.04, OMB Control Number 2060-0370

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

The National Emission Standards for Hazardous Air Pollutants (NESHAP) Pesticide Active Ingredient Production were promulgated on June 23, 1999 (64 FR 33550). This standard applies to all owners and operators of new and existing facilities engaged in the production of pesticide active ingredients that emit hazardous air pollutants (HAPs).

Owners or operators of a pesticide active ingredient (PAI) production facility to which this regulation applies, must choose one of the compliance options described in the rule or install and monitor a specific control system that reduces HAP emissions to the compliance level. The respondents are subject to sections of subpart A of 40 CFR part 63 relating to NESHAP. These requirements include: those associated with the applicability determination; the notification that the facility is subject to the rule; the notification of testing (control device performance test and continuous monitoring system (CMS) performance evaluation); the results of performance testing and CMS performance evaluations; startup, shutdown, and malfunction report; semiannual or quarterly summary reports and/or excess emissions and CMS performance reports. In addition to the requirements of subpart A, many respondents are required to submit a pre-compliance plan and leak detention and repair (LDAR) reports; and plants that wish to implement emissions averaging provisions must submit an emission averaging plan.

Respondents electing to comply with the emission limit or emission reduction requirements for process vents, storage tanks, or wastewater must record the values of equipment operating parameters as specified in Section 63.1367 of the rule. Owners or operators are required to install, operate, and maintain a continuous monitoring system.

Any owner or operator subject to the provisions of this part will maintain a file of these measurements, and retain the file for at least three years following the date of such measurements, 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 regional office.

If the owner or operator identifies any deviation resulting from a known cause for which no federally approved or promulgated exemption from an emission limitation or standard

applies, the compliance report will also include all records that the source is required to maintain that pertain to the periods during which such deviation occurred, as well as the following: the magnitude of each deviation; the reason for each deviation; a description of the corrective action taken for each deviation, including action taken to minimize each deviation and action taken to prevent recurrence; and a copy of all quality assurance activities performed on any element of the monitoring protocol.

Owners or operators of pesticide active ingredient (PAI) production facilities subject to the rule must maintain a copy of all monitored equipment operating parameter values that demonstrate compliance with the standards. Those records must be maintained for a minimum of five years. 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 information is used to determine whether or not all sources subject to the NESHAP are achieving the standards.

Approximately 88 sources are currently subject to the regulation, and it is estimated that an additional two new sources per year will become subject to the regulation, and one existing source will be reconstructed in the next three years.

There are approximately 88 pesticide active ingredient production facilities in the United States, all which are privately owned and operated by for-profit businesses. You can find the burden to the “Affected Public” listed below in Table 1: Annual Industry Burden and Cost - NESHAP for Pesticide Active Ingredient Production (40 CFR Part 63, Subpart MMM). The Federal government burden does not include work performed by Federal employees. The burden refers only to work performed by contractors, which could be found listed below in Table 2: Average Annual EPA Burden - NESHAP for Pesticide Active Ingredient Production (40 CFR Part 63, Subpart MMM).

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 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 (HAP). These standards are applicable to new or existing sources of HAP and shall require the maximum degree of emission reduction. In addition, section 114(a) states that the Administrator may require any owner or 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 PAI cause or contribute to air pollution that may reasonably be anticipated to endanger public health or welfare. Therefore, the NESHAP was promulgated for this source category at 40 CFR part 63, subpart MMM.

### **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 tests, 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 ensure that the pollution control devices are properly installed and operated, that leaks are being detected and repaired, and that the standards are being met. The performance test may also be observed.

## **3. Nonduplication, Consultations, and Other Collection Criteria**

The requested recordkeeping and reporting are required under 40 CFR part 63, subpart MMM.

### **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 their 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 (72 FR 10736) on March 9, 2007. No comments were received on the burden published in the Federal Register.

### **3(c) Consultations**

The Agency's industry experts have been consulted, and the Agency's internal data sources and projections of industry growth over the next three years have been considered. The primary source of information as reported by industry, in compliance with the recordkeeping and reporting provisions in the standard, is the Online Tracking Information System (OTIS) which is operated and maintained by the EPA Office of Compliance. OTIS is the EPA database for the collection, maintenance, and retrieval of all compliance data. The growth rate for the industry is based on our consultations with the Agency's internal industry experts. Approximately twenty-eight respondents will be subject to the standard 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 the standard as it was being developed, and the standard has been previously reviewed to determine the minimum information needed for compliance purposes.

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.

### **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**

None of these reporting or recordkeeping requirements violate any of the regulations established by OMB at 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 the 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 (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

None of the reporting or recordkeeping requirements contain sensitive questions.

## 4. The Respondents and the Information Requested

### 4(a) Respondents/SIC Codes

The respondents to the recordkeeping and reporting requirements are pesticide active ingredient production facilities. The United States Standard Industrial Classification (SIC) codes for the respondents affected by the standards, which corresponds to The North American Industry Classification System (NAICS) codes, are listed below for source category description.

<b>Standard (40 CFR Part 63, Subpart MMM)</b>	<b>SIC Codes</b>	<b>NAICS Codes</b>
Petrochemical Manufacturing	2869	325110
All Other Basic Inorganic Chemical Manufacturing	2869	325188
Cyclic Crude and Intermediate Manufacturing	2869	325192
Ethyl Alcohol Manufacturing	2869	325193
All Other Basic Organic Chemical Manufacturing	2869	325199
Industrial Gas Manufacturing	2869	325120
All Other Miscellaneous Chemical Production and Preparation Manufacturing	2869	325998
Pesticide and Other Agricultural Chemical Manufacturing	2879	325320

### 4(b) Information Requested

None of these reporting or recordkeeping requirements violate any of the regulations established by OMB at 5 CFR part 1320, section 1320.5.

#### (i) Data Items

In this ICR, all the data recorded or reported is required by National Emission Standards for Hazardous Air Pollutants for Pesticide Active Ingredient Production (40 CFR Part 63, Subpart MMM).

A source must make the following reports:

<b>Notification Reports</b>	
Notification and application of construction and reconstruction	63.5(d), 63.1368(c)
Initial notification	63.9, 63.1368(b)
Notification of CMS performance evaluation	63.8(e)(2), 63.1368(d)
Notification of performance test and test plan	63.7(c), 63.1368(m)
Request for extension of compliance	63.1364(a)(2), 63.1368(n)
Pre-compliance report	63.1368(e)
Request for approval to use alternative monitoring parameters	63.8(f), 63.1366(b)(4), and 63.1368(e)(1)
Notification of compliance status report	63.9(h), 63.1368(f)
Periodic reports of excess emissions and noncompliance	63.10(e)(3), 63.1368(g)
Notification of process change	63.1368(h)
Notification Reports	Standard Citation by Section
Notification and application of construction and reconstruction	63.5(d), 63.1368(c)

<b>Reports</b>	
Startup, shutdown, and malfunction reports	63.10(d)(5), 63.1368(i)
Equipment leaks reports	63.1363(h), 63.1368(j)
Emissions averaging reports	63.1368(k)
Heat exchange system reports	63.1368(l)

A source must keep the following records:

<b>Recordkeeping</b>	
Control device operating parameters to monitor and record	63.1366(b)(1), 63.1367(b)(1), and 63.1367(b)(5)
Monitoring and records for process vent annual emission limits standard	63.10(c), 63.1366(b)(5), 63.1367(a)(4), 63.1367(b)(3)
Monitoring and records for process vent annual emission limits standard	63.1366(c), 63.1367(b)(4)
Monitor and record for equipment leaks	63.1366(d), 63.1367(c)
Monitoring and records for heat exchanger systems	63.1362(f), 63.1366(e), and 63.1367(e)
Monitoring and records for pollution prevention	63.1366(f), 63.1367(b)(2)
Monitoring and records for emissions averaging	63.1366(g), 63.1367(d)
Records of process operating parameters	63.1367(b)(6), 63.1367(b)(7)

<b>Recordkeeping</b>	
Applicability determinations	63.10(b)(3), 63.1367(a)(2)
Startup, shutdown, and malfunction plan	63.6(e)(3), 63.1367(a)(3)
Application for approval of construction or reconstruction	63.5(d), 63.1367(a)(5)
Records for vapor collection systems and closed-vent systems	63.1367(f)

### 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.

Also, regulatory agencies in cooperation with the respondents continue to create reporting systems to transmit data electronically. However, electronic reporting systems are still not widely used. At this time, it is estimated that approximately 20 percent of the respondents use electronic reporting.

<b>Respondent Activities</b>
Read instructions.
Install, calibrate, maintain, and operate CMS
Perform initial performance test, Reference Method 18, 25A, 301, and 1818 test, and repeat performance tests if necessary.
Write the notification 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 purposes of processing, maintaining, disclosing, and providing information.
Adjust the existing ways to comply with any previously applicable instructions and requirements.
Train personnel to respond to a collection of information.
Transmit, or otherwise disclose, the information
.

Currently, sources are using monitoring equipment that provides parameter data in an automated way e.g., continuous parameter monitoring system. Although personnel at the source still need to evaluate the data, this type of monitoring equipment has significantly reduced the burden associated with monitoring and recordkeeping.

## 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.

<b>Agency Activities</b>
Observe initial performance tests and repeat performance tests if necessary.
Review notifications and reports, including performance test reports, excess emissions reports, required to be submitted by industry.
Audit facility records.
Input, analyze, and maintain data in the Online Tracking Information System (OTIS).

### 5(b) Collection Methodology and Management

Following notification of startup, the reviewing authority might inspect the source to determine whether the pollution control devices are properly installed and operational. 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.

Information contained in the reports is entered into OTIS which is operated and maintained by the EPA Office of Compliance. OTIS is the EPA database for the collection, maintenance, and retrieval of compliance data for approximately 125,000 industrial and government-owned facilities. EPA uses OTIS for tracking air pollution compliance and enforcement by local and state regulatory agencies, EPA regional offices, and EPA headquarters. EPA delegated Authorities can edit, store, retrieve and analyze the data.

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

### 5(c) Small Entity Flexibility

The majority of the respondents are large entities (i.e., large businesses). However, the impact on small entities (i.e., small businesses) was taken into consideration during the development of the regulation. 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 Table 1: Annual Industry Burden for NESHAP for Pesticide Active Ingredient Production (40 CFR Part 63, Subpart MMM).

### **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. Wherever 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 24,168 (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 NESHAP program, the previously approved ICR, and any comments received.

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

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

Managerial	\$95.32	(\$45.39 + 110%)
Technical	\$64.60	(\$30.76 + 110%)
Clerical	\$40.09	(\$19.09 + 110%)

These rates are from the United States Department of Labor, Bureau of Labor Statistics, December 2003, "Table 10. Private industry, 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 monitor and other costs such as photocopying and postage.

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

<b>Capital/Startup vs. Operation and Maintenance (O&amp;M) Costs</b>						
(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)
Performance tests	\$52,200 <sup>1</sup>	3	\$156,600	\$1,325	88	\$116,600
Wastewater CMS	\$10,690	3	\$32,070			
CMS cost for process vents	\$15,920	3	\$47,760			
Total			\$236,430			\$116,600

<sup>1</sup> Owners and operators are required to run two tests to complete the process vent performance test for each facility. Each run will cost \$26,100 for a total of \$52,200 per test.

The total capital/startup costs for this ICR are \$236,430. This is the total of column D in the above table.

The total operation and maintenance (O&M) costs consists of photocopying, and postage are \$116,600. 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 \$353,000 (rounded).

**6(c) Estimating Agency Burden and Cost**

The only costs to the Agency are those costs associated with analysis of the reported information. The EPA 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 \$50,037.

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

Managerial	\$54.66	(GS-13, Step 5, \$34.16 + 60%)
Technical	\$40.56	(GS-12, Step 1, \$25.35 + 60%)
Clerical	\$21.95	(GS-6, Step 3, \$13.72 + 60%)

These rates are from the Office of Personnel Management (OPM) “2004 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 in Table 2: Average Annual EPA Burden, NESHAP for Pesticide Active Ingredient Production (40 CFR Part 63, Subpart MMM), below.

#### 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 eighty-six respondents will be subject to the standard. It is estimated that two new sources and one reconstructed sources per year will become subject. The overall average number of respondents, as shown in the table below is 88 per year.

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

<b>Number of Respondents</b>					
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	3	84	0	1	86
2	3	86	0	1	88
3	3	88	0	1	90
Average	3	86	0	1	88

<sup>1</sup> New respondent include sources with constructed, reconstructed and modified affected facilities.

To avoid double-counting respondents, column D is subtracted. As shown above, the average Number of Respondents over the three-year period of this ICR is 88.

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
Notification of construction/reconstruction	3	1	N/A	3
Notification of process changes	9	1	N/A	9
Notification of anticipated startup	3	1	N/A	3
Notification of actual startup	3	1	N/A	3
Notification of initial performance test	3	1	N/A	3

<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 $E=(B \times C)+D$
Notification of initial CMS performance evaluation	3	1	N/A	3
Quarterly reporting	9	4	N/A	36
Semiannual reporting	79	2	N/A	158
Leak detention and repair (LDAR) report	88	2	N/A	176
Emissions averaging plan	8	1	N/A	8
			Total	402

The number of Total Annual Responses is 402.

The total annual labor costs are \$1,542,049. Details regarding these estimates may be found in Table 1: Annual Industry Burden and Cost - NESHP for Pesticide Active Ingredient Production (40 CFR Part 63, Subpart MMM), below.

#### **6(e) Bottom Line Burden Hours 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, respectively, and summarized below.

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

The total annual labor costs are \$1,542,049. Details regarding these estimates may be found in Table 1. Annual Respondent Burden and Cost: NESHP for Pesticide Active Ingredient Production (40 CFR Part 63, Subpart MMM) below. Furthermore, the annual public reporting and recordkeeping burden for this collection of information is estimated to average 60 hours per response.

The total annual capital/startup and O&M costs to the regulated entity are \$353,000. 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 1,265 labor hours at a cost of \$50,037. See Table 2. Annual Agency Burden and Cost: NESHP for Pesticide Active Ingredient Production (40 CFR Part 63, Subpart MMM), below.

#### **6(f) Reasons for Change in Burden**

There is a slight increase of four labor hours which was caused by a calculation error in the previous ICR this did not affect or changed the burden or cost in any way as compared to the previous ICR. The regulations have not changed over the past three years and are not anticipated to change over the next three years. Since the growth rate for the industry is very low, negative or non-existent, 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, the labor hours and cost figures in the previous ICR are used in this ICR, and there is no change in burden to industry.

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

The annual public reporting and recordkeeping burden for this collection of information is estimated to average 60 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's 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-2007-0057. 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 content of the docket, and to access those documents in the public docket that are available electronically. When in the system, select "search" than 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 Avenue, N.W., 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 Enforcement and Compliance Docket and Information Center Docket 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, N.W., Washington, DC 20503, Attention: Desk Officer for EPA. Please include the EPA Docket ID Number EPA-HQ-OECA-2007-0057 and OMB Control Number 2060-0370 in any correspondence.

**Part B of the Supporting Statement**

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



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	(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) Cost, \$ <sup>a</sup>
- Quarterly reporting <sup>k</sup>	24	4	96	9	864	43.2	86.4	\$63,396.00
- Semiannual reporting <sup>l</sup>	8	2	16	79	1,264	63.2	126.4	\$92,746.00
- LDAR reporting <sup>m</sup>	94	2	188	88	16,544	827.2	1,654.4	\$1,213,916.00
- Emissions averaging plan <sup>n</sup>	40	1	40	9	360	18	36	\$26,415.00
4. Recordkeeping requirements								
A. Read instructions	See 3A							
B. Plan activities	N/A							
C. Implement Activities	N/A							
D. Develop record system <sup>o</sup>	40	1	40	2	80	4	8	\$5,870.00
E. Develop startup, shutdown, and malfunction plans <sup>p</sup>	100	1	100	2	200	10	20	\$14,675.00
F. Develop QA/QC plan for CMS <sup>q</sup>	40	1	40	2	80	4	8	\$5,870.00
G. Time to enter information								
- Records of startup, shutdown, and malfunction <sup>r</sup>	1.5	52	78	2	156	7.8	15.6	\$11,446.50
Records of CMS data								
- Record continuously monitored parameters <sup>s</sup>	1	320	320	2	640	32	64	\$46,960.00
- Enter/verify information for semiannual report <sup>t</sup>	16	2	32	2	64	3.2	6.4	\$4,696.00
H. Calibration of CMS <sup>u</sup>	48	1	48	2	96	4.8	9.6	\$7,044.00
I. Time to train personnel	40	1	40	2	80	4	8	\$5,870.00
J. Time for audits	N/A							
Subtotals Labor Burden and cost					21,016	1,050.8	2,101.6	\$1,542,049.00
<b>TOTAL LABOR BURDEN AND COST (rounded)</b>						24,168.4 24,168 (rounded)		\$1,542,049

**Assumptions:**

<sup>a</sup> This ICR uses the following labor rates: \$95.32 per hour for Executive, Administrative, and Managerial labor; \$64.60 per hour for Technical labor, and \$40.09 per hour for Clerical labor. These rates are from the United States Department of Labor, Bureau of Labor Statistics, December, 2003, ATable 10. Private industry, by occupational and industry group.@

<sup>b</sup> Assume that there will be 2 percent growth per year, which will equate to two new facilities that will be built per year over the three-year period of this ICR.

<sup>c</sup> Assume that all new sources are required to report the performance evaluation test (continuous monitoring system certification).



- <sup>d</sup> Assume that one existing facility will be reconstructed each year.
- <sup>e</sup> Assume that 10 percent of existing facilities will implement process changes.
- <sup>f</sup> Assume that rule only applies to new sources and reconstructed facilities.
- <sup>g</sup> Assume 50 percent of new or reconstructed facilities will submit a pre-compliance report with their notification of construction/reconstruct
- <sup>h</sup> Assume that 90 percent of new and reconstructed facilities will conduct a performance test.
- <sup>i</sup> Assume that 90 percent of facilities will conduct a performance test. The notification of compliance status includes the report of the performance test and the CMS performance evaluation.
- <sup>j</sup> Assume that 10 percent of facilities will comply by submitting engineering calculations, design calculations and report of CMS performance evaluation.
- <sup>k</sup> Assume 10 percent of facilities will have exceedances and periods of noncompliance.
- <sup>l</sup> Assume 90 percent of facilities will have no exceedances.
- <sup>m</sup> Assume that it will take ninety-four hours to write a leak detention and repair (LDAR) report.
- <sup>n</sup> Assume that 10 percent of existing facilities will comply with emissions averaging requirements. New sources are not allowed to use emissions averaging.
- <sup>o</sup> Assume it will take forty hours to develop a record system for recording parameter monitoring information.
- <sup>p</sup> Assume one person would require 80 hours to draft the startup, shutdown, and malfunction plan and another twenty hours to review/revisions for a total of 100 hours.
- <sup>q</sup> Assume each respondent will take 40 hours to develop the QA/QC plan for CMS.
- <sup>r</sup> Assume it will take 1.5 hours to record startup, shutdown, and malfunction information.
- <sup>s</sup> Assume it will take one hour to record continuously monitored parameters.
- <sup>t</sup> Assume it will take sixteen hours to enter/verify information for semiannual report.
- <sup>u</sup> Assume that it will take 48 hours for the calibration of the continuous monitoring system (CMS) to be completed.

**Table 2: Average Annual EPA Burden - NESHAP for Pesticide Active Ingredient Production (40 CFR Part 63, Subpart MMM) (Renewal)**

Activity	(A) EPA person- hours per occurrence	(B) No. of occurrences per plant per year	(C) EPA person hours per plant per year (C=AxB)	(D) Plants per year	(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) Cost, \$ <sup>a</sup>
Activity								
Initial performance test <sup>b</sup>	40	1	40	2	80	4	8	\$3,639.04
Repeat performance test <sup>c</sup>	40	1	40	0	0	0	0	\$0
Performance evaluation test (certification of CMS) <sup>d</sup>	2	1	2	1	2	0.1	0.2	\$90.98
Report review								
Notification of applicability <sup>b</sup>	2	2	4	2	8	0.4	0.8	\$363.90
Notification of construction/reconstruction	2	1	2	3	6	0.3	0.6	\$272.93
Notification of anticipated startup <sup>b, e</sup>	2	1	2	3	6	0.3	0.6	\$272.93
Notification of actual startup <sup>b, e</sup>	2	1	2	3	6	0.3	0.6	\$272.93
Notification of process changes <sup>f</sup>	8	1	8	9	72	3.6	7.2	\$3,275.14
Review of pre-compliance report <sup>g</sup>	4	1	4	1	4	0.2	0.4	\$181.95
Notification of performance test <sup>b, e</sup>	2	1	2	3	6	0.3	0.6	\$272.93
Notification of CMS performance evaluation <sup>b, e</sup>	2	1	2	3	6	0.3	0.6	\$272.93
Review of notification of compliance status								
- With performance test <sup>b, e, h</sup>	40	1	40	3	120	6	12	\$5,458.56
- Without performance test <sup>i</sup>	40	1	40	0	0	0	0	\$0
Review of emission averaging plan <sup>f</sup>	20	1	20	9	180	6	18	\$8,187.84
Review of semiannual report <sup>j</sup>	2	2	4	79	316	15.8	31.6	\$14,374.21
Review of quarterly reports <sup>f</sup>	8	4	32	9	288	14.4	28.8	\$13,100.54
Review of NESHAP waiver application	N/A							
Subtotals Labor Burden and cost					1,100	55	110	\$50,036.81
<b>TOTAL ANNUAL BURDEN AND COST (rounded)</b>						1,265		\$50,037

**Assumptions:**

- <sup>a</sup> This cost is based on the following hourly labor rates times a 1.6 benefits multiplication factor to account for government overhead expenses: \$54.66 for Managerial (GS-13, Step 5, \$34.16 x 1.6), \$40.56 for Technical (GS-12, Step 1, \$25.35 x 1.6) and \$21.95 Clerical (GS-6, Step 3, \$13.72 x 1.6). These rates are from the Office of Personnel Management (OPM) A2004 General Schedule@ which excludes locality rates of pay.
- <sup>b</sup> Assume that there will be 2 percent growth per year, which will equate to two new facilities that will be built per year over the three-year period of this ICR.
- <sup>c</sup> Assume that 5 percent of new facilities will repeat performance test.
- <sup>d</sup> Assume EPA personnel will attend 10 percent of these performance evaluation tests.
- <sup>e</sup> Assume that one existing facility will be reconstructed each year.
- <sup>f</sup> Assume 10 percent of existing facilities will require process changes over the three-year period of this ICR.
- <sup>g</sup> Assume 50 percent of new facilities will submit a pre-compliance report.
- <sup>h</sup> Assume 90 percent of all new sources will conduct a performance test that covers the reviewing of compliance status report.
- <sup>i</sup> Assume 10 percent of facilities will comply by submitting engineering calculations, design calculations and report of CMS performance evaluation.
- <sup>j</sup> Assume 90 percent of facilities will have no exceedances.