

## **SUPPORTING STATEMENT**

### **ENVIRONMENTAL PROTECTION AGENCY**

#### **NSPS for Phosphate Rock Plants (40 CFR Part 60, Subpart NN) (Renewal)**

##### **1. Identification of the Information Collection**

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

NSPS for Phosphate Rock Plants (40 CFR Part 60, Subpart NN) (Renewal), EPA ICR Number 1078.13, OMB Control Number 2060-0111.

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

The New Source Performance Standards (NSPS) for Phosphate Rock Plants (40 CFR Part 60, Subpart NN) were proposed on September 21, 1979; promulgated on April 16, 1982; and amended on: February 14, 1989; May 17, 1989; February 12, 1999; and October 17, 2000. These regulations apply to the following existing facilities and new facilities at phosphate rock plants with capacities greater than 4 tons per hour: dryers, calciners, grinders, and ground rock handling and storage facilities, except those facilities producing or preparing phosphate rock solely for consumption in elemental phosphorus production. New facilities include those that commenced construction, modification or reconstruction after the date of proposal. This information is being collected to assure compliance with 40 CFR Part 60, Subpart NN.

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 of these measurements and retain the file for at least two years following the date of such measurements, maintenance reports, and records. All reports required to be submitted electronically are submitted through the EPA's Central Data Exchange (CDX), using the Compliance and Emissions Data Reporting Interface (CEDRI), where the delegated state or local authority can review them. If there is no such delegated authority, the EPA's regional offices can review them. All other reports are sent to the delegated state or local authority. If there is no such delegated authority, the reports are sent directly to the EPA's regional offices. The use of the term "Designated Administrator" throughout this document refers to the U.S. EPA or a delegated authority, such as a state agency. The term "Administrator" alone refers to the U.S. EPA Administrator.

The "Affected Public" are owners or operators of phosphate rock plants. The "burden" to the Affected Public may be found at the end of this document in Table 1: Annual Respondent Burden and Cost – NSPS for Phosphate Rock Plants (40 CFR Part 60, Subpart NN) (Renewal).

The “burden” to the Federal Government is attributed entirely to work performed by either Federal employees or government contractors and may be found at the end of this document in Table 2: Average Annual EPA Burden and Cost – NSPS for Phosphate Rock Plants (40 CFR Part 60, Subpart NN) (Renewal). There is approximately one phosphate rock facility, which is owned and operated by the phosphate rock industry. The one facility in the United States is not owned by either a state, or local, or tribal entities or by the Federal government. The facility is owned and operated by privately-owned, for-profit businesses. We assume that this one facility will respond to EPA inquiries.

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). This ICR adjusts the number of facilities subject to subpart NN and reflects a decrease in the number of subject facilities from 15 to one. This adjustment reflects that phosphate rock facilities subject to 40 CFR Part 63, Subpart AA are exempt from any otherwise applicable new source performance standard contained in 40 CFR Part 60, Subpart T, Subpart U, or Subpart NN.

Over the next three years, approximately one respondent per year will be subject to this standard, and no additional respondents per year will become subject to this same standard.

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) emissions from phosphate rock plants 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 NN.

### **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 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 60, Subpart

NN.

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

For reports required to be submitted electronically, the information is sent through the EPA's CDX, using CEDRI, where the appropriate EPA regional office can review it, as well as for state and local agencies that have been delegated authority. If a state or local agency has adopted under its own authority its own standards for reporting or data collection, adherence to those non-Federal requirements does not constitute duplication.

For all other reports, 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 either the delegated state or local agency. If a state or local agency has adopted its own 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 in this matter 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* 87 FR 43843 on July 22, 2022. 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 one respondent will be subject to these 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 these same standards have been reviewed previously to determine the minimum information needed for compliance purposes. In developing this ICR, we contacted both the PCS Phosphate Company, Inc., at (252) 322-4111, and The Fertilizer Institute, at (202) 962-0490.

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. 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 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.

### **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 respondent(s) to the recordkeeping and reporting requirements are phosphate rock plants. The United States Standard Industrial Classification (SIC) code for the respondents affected by the standards is SIC 1475, and the corresponding North American Industry Classification System (NAICS) code is 212392 for Phosphate Rock Mining.

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

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

In this ICR, all the data that are recorded or reported is required by the NSPS for Phosphate Rock Plants (40 CFR Part 60, Subpart NN).

A source must make the following reports:

<b>Notifications</b>	
Notification of construction or reconstruction	§60.7(a)(1)
Notification of actual initial startup	§60.7(a)(3)
Notification of physical or operational change to an existing facility which may increase the emission rate	§60.7(a)(4)
Notification of demonstration of continuous monitoring system	§60.7(a)(5)
Notification of initial performance test	§60.8(d)

<b>Reports</b>	
Report on initial performance test	§60.8(a)
Semiannual report on excess emissions and monitoring systems performance reports	§60.7(c)

A source must keep the following records:

<b>Recordkeeping</b>	
Maintain records of startups, shutdowns, malfunctions, periods where the continuous monitoring system is inoperative	§60.7(b)
Maintain all records for two years	§60.7(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.

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

<b>Respondent Activities</b>
Familiarization with the regulatory requirements.

<b>Respondent Activities</b>
Install, calibrate, maintain, and operate CMS for opacity, or for pressure drop and liquid supply pressure for wet scrubber.
Perform initial performance test, Reference Method 5 and 9 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 standards 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. 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 two years.

#### **5(c) Small Entity Flexibility**

The one respondent is likely to be a small entity. However, the impact on small entities (i.e., small businesses) was taken into consideration during the development of the regulations. 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 at the end of this document in Table 1: Annual Respondent Burden and Cost – NSPS for Phosphate Rock Plants (40 CFR Part 60, Subpart NN) (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 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 120 hours (Total Labor Hours from Table 1 below). 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	\$157.61 (\$75.05 + 110%)
Technical	\$123.94 (\$59.02 + 110%)
Clerical	\$62.52 (\$29.77 + 110%)

These rates are from the United States Department of Labor, Bureau of Labor Statistics, September 2021, “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 varying industry wage rates and the additional overhead business costs of employing workers beyond their wages and benefits, including business expenses associated with hiring, training, and equipping their employees.

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

The type of industry costs associated with the information collection activities in the subject standard(s) 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 these regulations. The annual operation and maintenance costs are the ongoing costs to maintain the monitor and such other costs 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)	(B)	(C)	(D)	(E)	(F)	(G)
Continuous Monitoring Device	Capital/Startup Cost for One Respondent	Number of New Respondents	Total Capital/Startup Cost, (B X C)	Annual O&M Costs for One Respondent	Number of Respondents with O&M	Total O&M, (E X F)

<b>Capital/Startup vs. Operation and Maintenance (O&amp;M) Costs</b>						
Continuous Opacity Monitor	\$37,000	0	\$0	\$8,400	1	\$8,400
Total			\$0			\$8,400

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 \$0. This is the total of column D in the above table.

The total operation and maintenance (O&M) costs for this ICR are \$8,400. 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 \$8,400. These are the 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. The 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 \$470.

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

Managerial	\$70.56 (GS-13, Step 5, \$44.10 + 60%)
Technical	\$52.37 (GS-12, Step 1, \$32.73 + 60%)
Clerical	\$28.34 (GS-6, Step 3, \$17.71 + 60%)

These rates are from the Office of Personnel Management (OPM), 2022 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 – NSPS for Phosphate Rock Plants (40 CFR Part 60, Subpart NN) (Renewal).

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

Based on our research for this ICR, on an average over the next three years,

approximately one existing respondent will be subject to these standards. It is estimated that no additional respondents per year will become subject to these same standards. The overall average number of respondents, as shown in the table below, is one per year.

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

<b>Number of Respondents</b>					
	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	1	0	0	1
2	0	1	0	0	1
3	0	1	0	0	1
Average	0	1	0	0	1

<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 one.

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 or modification	0	1	N/A	0
Notification of actual startup	0	1	N/A	0
Notification of physical or operational change which may increase the emission rate	0	1	N/A	0
Notification of demonstration of CMS	0	1	N/A	0
Notification of initial	0	1	N/A	0

<b>Total Annual Responses</b>				
performance tests				
Report of initial performance test	0	1	N/A	0
Semiannual report on excess emissions	1	2	N/A	2
			TOTAL (rounded)	2

The number of Total Annual Responses is 2.

The total annual labor costs are \$22,400. Details regarding these estimates may be found at the end of this document in Table 1: Annual Respondent Burden and Cost – NSPS for Phosphate Rock Plants (40 CFR Part 60, Subpart NN) (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 at the end of this document, respectively, and summarized below.

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

The total annual labor hours are 120 hours. Details regarding these estimates may be found below in Table 1: Annual Respondent Burden and Cost – NSPS for Phosphate Rock Plants (40 CFR Part 60, Subpart NN) (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 60 hours per response.

The total annual capital/startup and O&M costs to the regulated entity are \$8,400. 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 10 labor hours at a cost of \$470; see below in Table 2: Average Annual EPA Burden and Cost – NSPS for Phosphate Rock Plants (40 CFR Part 60, Subpart NN) (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**

The decrease in burden from the most-recently approved ICR is due to an adjustment. The adjustment decrease in burden from the most-recently approved ICR is due to a decrease in the number of sources. This is due to an adjustment to reflect that phosphate rock facilities subject to the NESHAP for Phosphoric Acid Manufacturing (40 CFR Part 63, Subpart AA), as amended on August 19, 2015, are exempt from any otherwise applicable new source performance standards contained in 40 CFR Part 60, Subpart T, Subpart U, or Subpart NN, provided sources have a current operating permit pursuant of title V of the Clean Air Act. Most phosphate rock plants previously included as respondents to 40 CFR 60, Subpart NN are subject to 40 CFR Part 63, Subpart AA. Only one respondent is now subject to Subpart NN. The previous ICR indicated 15 sources were subject to this subpart, which indicates a 94 percent decrease in the number of respondents. The reduced number of respondents also results in a subsequent decrease in the operation and maintenance costs. There are no new sources anticipated; therefore, there is no anticipated change in capital costs.

#### **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 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-OAR-2022-0062. 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. Due to COVID-19 precautions, entry to the Reading Room is available by appointment only. Please contact personnel in the Reading Room to schedule an appointment. 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-OAR-2022-0062 and OMB Control Number 2060-0111 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 Phosphate Rock Plants (40 CFR Part 60, Subpart NN) (Renewal)**

Burden Item	(A) Person- hours per occurrence	(B) No. of occurrences per respondent per year	(C) Person- hours per respondent per year (AxB)	(D) Respondents 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> (\$)
1. Applications	N/A							
2. Survey and Studies	N/A							
3. Reporting requirements								
A. Familiarization with Regulatory Requirements	1	1	1	1	1	0.05	0.10	138.07
B. Required activities								
Initial emissions tests	32	1	32	0	0	0	0	0
Report performance test <sup>c</sup>	32	1	32	0	0	0	0	0
C. Create Information	See 3B							
D. Gather existing information	See 3B							
E. Write report								
Notification of construction/ reconstruction	2	1	2	0	0	0	0	0
Notification of actual startup	2	1	2	0	0	0	0	0
Notification of physical or operational change which may increase the emission rate <sup>d</sup>	2	1	2	0	0	0	0	0
Notification of CMS demonstration <sup>e</sup>	2	1	2	0	0	0	0	0
Notification of initial performance test	2	1	2	0	0	0	0	0

Report of initial performance test	2	1	2	0	0	0	0	0
Semiannual report on excess emissions <sup>f</sup>	8	2	16	1	16	0.80	1.60	2209.18
<b>Reporting Subtotal</b>						<b>20</b>		<b>\$2,347</b>
4. Recordkeeping requirements								
A. Familiarization with Regulatory Requirements	See 3E							
B. Plan activities	See 3E							
C. Implement activities	See 3E							
D. Develop record system	See 3E							
E. Time to enter information								
Record operating parameters <sup>g</sup>	0.25	350	87.5	1	87.50	4.38	8.75	\$12,081.47
F. Time to transmit or disclose information	N/A							
G. Train personnel	N/A							
H. Audits	N/A							
<b>Recordkeeping Subtotal</b>						<b>101</b>		<b>\$12,081</b>
<b>TOTAL ANNUAL BURDEN AND COST (Rounded) <sup>h</sup></b>						<b>120</b>		<b>\$14,000</b>
<b>TOTAL CAPITAL AND O&amp;M COSTS (Rounded) <sup>h</sup></b>								<b>\$8,400</b>
<b>GRAND TOTAL (Rounded) <sup>h</sup></b>								<b>\$22,400</b>

Assumptions:

<sup>a</sup> We have assumed that the average number of respondents that will be subject to the rule will be one, with no new sources expected to become subject to the rule over the three-year period of this ICR.

<sup>b</sup> This ICR uses the following labor rates: Managerial \$157.61 (\$75.05 + 110%); Technical \$123.94 (\$59.02 + 110%); and Clerical \$62.52 (\$29.77 + 110%). These rates are from the United States Department of Labor, Bureau of Labor Statistics, September 2021, "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 varying industry wage rates and the additional overhead business costs of employing workers beyond their wages and benefits, including business expenses associated with hiring, training, and equipping their employees.

<sup>c</sup> We have assumed that 20 percent of initial performance test will be repeated due to failure.

<sup>d</sup> We have assumed that no facility will be engaged in physical or operational changes.



<sup>e</sup> We have assumed that it will take each respondent 2 hours each to write CMS notification report.

<sup>f</sup> We have assumed that each respondent will take 8 hours, two times per year, to write semiannual report on excess emissions.

<sup>g</sup> We have assumed that each respondent will take 15 minutes per day to record operating parameters information.

<sup>h</sup> Totals are rounded to three significant figures. Figures may not add exactly due to rounding.

**Table 2: Average Annual EPA Burden and Cost – NSPS for Phosphate Rock Plants (40 CFR Part 60, Subpart NN) (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								
New or modified facility	24	1	24	0	0	0	0	0
Repeat performance test								
New or modified facility <sup>c</sup>	24	1	24	0	0	0	0	0
Report Review								
New or modified facility								
Notification of construction/reconstruction	2	1	2	0	0	0	0	0
Notification of actual startup	2	1	2	0	0	0	0	0
Notification of physical or operational change which may increase the emission rate <sup>d</sup>	2	1	2	0	0	0	0	0
Notification of CEMS demonstration <sup>e</sup>	2	1	2	0	0	0	0	0
Notification of initial performance test	2	1	2	0	0	0	0	0
Report on initial performance test	8	1	8	0	0	0	0	0
Semiannual report on excess emissions <sup>f</sup>	4	2	8	1	8	0.4	1	\$469.86
<b>TOTAL (Rounded) <sup>g</sup></b>					<b>10</b>			<b>\$470</b>

Assumptions:

<sup>a</sup> We have assumed that the average number of respondent that will be subject to the rule will be one, with no new sources expected to become subject to the rule over the three-year period of this ICR.

<sup>b</sup> This cost is based on the average hourly labor rate as follows: Managerial \$70.56 (GS-13, Step 5, \$44.10 + 60%); Technical \$52.37 (GS-12, Step 1, \$32.73 +

60%); and Clerical \$28.34 (GS-6, Step 3, \$17.17 + 60%). This ICR assumes that Managerial hours are 5 percent of Technical hours, and Clerical hours are 10 percent of Technical hours. These rates are from the Office of Personnel Management (OPM), 2022 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.

<sup>c</sup> We have assumed that 20 percent of initial performance test will be repeated due to failure.

<sup>d</sup> We have assumed that no facility will be engaged in physical or operational changes.

<sup>e</sup> We have assumed that it will take each respondent 2 hours each to review CMS notification report.

<sup>f</sup> We have assumed that each respondent will take 8 hours two times per year to review semiannual report on excess emissions.

<sup>g</sup> Totals are rounded to three significant figures. Figures may not add up exactly due to rounding.