

## SUPPORTING STATEMENT

### NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAP) FOR AREA SOURCES: ACRYLIC AND MODACRYLIC FIBERS PRODUCTION, CARBON BLACK PRODUCTION, CHEMICAL MANUFACTURING: CHROMIUM COMPOUNDS, FLEXIBLE POLYURETHANE FOAM PRODUCTION AND FABRICATION, LEAD ACID BATTERY MANUFACTURING, AND WOOD PRESERVING

#### PART A

##### 1.0 Identification of the Information Collection

###### *(a) Title and Number of the Information Collection.*

“NESHAP for Area Sources: Acrylic and Modacrylic Fibers Production, Carbon Black Production, Chemical Manufacturing: Chromium Compounds, Flexible Polyurethane Foam Production and Fabrication, Lead Acid Battery Manufacturing, and Wood Preserving.” This is a new information collection request (ICR) and the EPA tracking number is 2240.01.

###### *(b) Short Characterization.*

This ICR covers information collection requirements in the final area source rules for acrylic and modacrylic fibers production (40 CFR Part 63, Subpart LLLLLL), carbon black production (40 CFR Part 63, Subpart MMMMMM), chemical manufacturing: chromium compounds (40 CFR Part 63, Subpart NNNNNN), flexible polyurethane foam production and fabrication (40 CFR Part 63, Subpart OOOOOO), lead acid battery manufacturing (40 CFR Part 63, Subpart PPPPPP), and wood preserving (40 CFR Part 63, Subpart QQQQQQ).

The first type of potential respondents is owners or operators of any existing or new acrylic or modacrylic fibers production plant that is an area source of hazardous air pollutants (HAP) emissions. The one existing area source is already subject to emissions limits and other requirements that are the same as those in this final NESHAP. These include numerical limits for acrylonitrile emissions from the control devices (packed column scrubbers) for polymerization process equipment (e.g., reactors, feed tanks) and monomer recovery process equipment such as polymer holding tanks; operating limits for the scrubbers; and requirements in 40 CFR Part 60, Subpart Kb pertaining to volatile organic liquids in acrylonitrile storage tanks.

The final standards for new area source acrylic or modacrylic fibers production plants apply to process vents, fiber spinning lines, storage tanks, process and maintenance wastewater, and equipment leaks. These include numerical limits for acrylonitrile emissions from these sources and various testing, monitoring, and recordkeeping requirements. Compliance requirements for all sources include an initial notification of applicability, a notification of compliance status, and a startup shutdown malfunction (SSM) plan.

The second type of potential respondents is owners or operators of any existing or new carbon black production plant that is an area source of HAP emissions. There are no existing area sources. The final rule for existing sources includes requirements to reduce emissions from carbon black production units by using either a flare or by venting through a closed vent system to a control device that reduces emissions by 98 weight-percent or to a HAP concentration of 20 Parts per million by volume (ppmv). Area sources are also required to monitor operating parameters specific to the type of control device being used. The requirements for new area source carbon black production plants are the same as those for existing plants. Compliance requirements include an initial notification, a notification of compliance status, periodic reports, and an SSM plan.

The third type of potential respondents is owners or operators of area source facilities that use chromite ore as the basic feedstock to manufacture chromium compounds, primarily sodium dichromate, chromic acid, and chromic oxide. There are only two plants in this area source category, and both are already subject to particulate matter (PM) control requirements that are the same as those in the final NESHAP. Sources will be subject to PM emissions limits and inspection and maintenance requirements specific to the type of control device. Compliance requirements include an initial notification of applicability, a notification of compliance status, and an SSM plan.

The fourth type of potential respondents is owners or operators of area source facilities that manufacture or fabricate flexible polyurethane foam. There are hundreds of plants in this area source category, but almost all of them have already discontinued use of the urban HAP of interest, methylene chloride. Use of materials containing methylene chloride is forbidden for mixhead flush, mold release agents, and equipment cleaning at slabstock, molded, and rebond foam production facilities. Foam fabrication facilities are forbidden to use adhesives containing

methylene chloride. Compliance requirements for molded and rebond foam facilities, and foam fabrication facilities not operating loop slitters include only recordkeeping requirements. Compliance requirements for foam fabrication facilities operating loop slitters include a notification of compliance status. Emissions limits are established for HAP emissions from auxiliary blowing agents (ABA) used in production lines at slabstock foam production facilities, using a formula which takes into account the variable amount of ABA used to produce different grades of foam. Compliance requirements for slabstock foam facilities using no methylene chloride include a notification of compliance status. Compliance requirements for slabstock foam production facilities using HAP-containing ABA include an initial notification, a pre-compliance report, a notification of compliance status, semiannual reports, and an annual compliance certification.

The fifth type of potential respondents is owners or operators of any existing or new lead acid battery manufacturing facility that is an area source of HAP emissions. The 60 existing facilities are already subject to or able to meet the emission limits and other requirements of the new source performance standards (NSPS) for lead acid batteries in 40 CFR 60.372 of Subpart KK. The lead acid battery NSPS emission limits are the same as those in this NESHAP. These include numerical emissions limits for grid casting, paste mixing, three-process operation, lead oxide manufacturing, lead reclamation, and other lead emitting processes. This final NESHAP requires control by fabric filters for the paste mixing, three-process operation, lead oxide manufacturing, and other lead-emitting processes and by impingement scrubber for the grid casting and lead reclamation processes. The NESHAP adds the periodic monitoring and semi-annual inspection of fabric filters and the semi-annual reporting requirements found in State permits. The requirements for new area source lead acid battery manufacturing facilities are the same as those for existing facilities. Compliance requirements include an initial notification, a notification of compliance status, performance testing if recent test reports are not available, periodic monitoring, semi-annual inspection of fabric filters, and semi-annual reporting.

The sixth type of potential respondents is owners or operators of area source facilities that use pressure or thermal processes to impregnate chemicals into wood to a depth that will provide effective long-term resistance to attack by fungi, bacteria, insects, and marine borers. Existing facilities in the wood preserving source category are currently well controlled in terms of urban

metal HAP emissions as a result of a voluntary decision by the industry to discontinue the consumer uses of chromated copper arsenate (CCA). All sources will be required to submit an initial notification, a notification of compliance status, and a compliance report within 30 days of a deviation from prohibitions. No other recordkeeping or reporting requirements in the General Provisions apply to facilities in this area source category.

New and existing area sources (except as specifically excluded) are subject to requirements in the General Provisions (40 CFR Part 63, Subpart A). An existing affected source would be required to submit an initial notification of applicability and a notification of compliance status. The owner or operator of an existing affected source is allowed to certify initial compliance based on previous performance test results; performance tests are required to demonstrate initial compliance for a new affected source. The owner or operator of an existing affected source (except as specifically excluded) are also required to comply with the requirements for SSM plans and reports in 40 CFR 63.6(e)(3). All requirements in the General Provisions apply to the owner or operator of a new affected source.

The information collection requirements for existing and new area sources are listed in Attachments 1A and 1B.

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

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

Section 112 of the Clean Air Act (CAA) requires EPA to establish NESHAP for both major and area sources of HAP that are listed for regulation under CAA section 112(c). An area source is a stationary source that is not a major source (i.e., an area source does not emit and does not have the potential to emit more than 10 tons per year of any single HAP or more than 25 tons per year of any combination of HAP). Requirements for area sources in CAA sections 112(c)(3) and 112(k) direct EPA to (1) identify at least 30 air toxics that present the greatest potential health threat in the largest number of urban areas and (2) to identify sufficient area source categories to ensure that sources representing 90 percent or more of the of the emissions of the 30 “listed” HAP are subject to regulation. EPA implements these requirements through the Integrated Urban Air Toxics Strategy (64 FR 38715, July 19, 1999). Each of the source

categories included in the final NESHAP are on the Integrated Urban Air Toxics Strategy Area Source Category List.<sup>1</sup>

Under CAA section 112(d)(5), we may elect to promulgate HAP standards for area sources based on the use of generally available control technology (GACT) or management practices used by the sources. We can consider costs and economic impacts in determining GACT, which is particularly important when developing regulations for source categories that may have few establishments and many small businesses, or when determining whether additional control is needed for sources that are already well-controlled as a result of other air emissions standards.

Facilities in these source categories are currently well controlled as a result of State and national standards and permitting requirements for criteria pollutants that obtain co-control of HAP. There is only one area source plant in the U.S. in the acrylic and modacrylic fibers source category, and this plant is currently subject to State permit requirements. There are no existing area sources in the carbon black source category. The two area source plants that manufacture chromium compounds are well controlled as a result of title V permit requirements. Of the 60 area source plants in the lead acid battery manufacturing category, we believe all are already subject to (or can achieve) the emission requirements of the NSPS for lead-acid battery manufacturing plants at 40 CFR Part 60, Subpart KK and estimate 90 percent (54) are already meeting the NESHAP fabric filter monitoring and the reporting requirements through their State permits.

There are hundreds of facilities in the flexible polyurethane foam and fabrication area source categories. The vast majority of these facilities no longer use methylene chloride in the processes for several reasons, including State and national air emission standards and worker exposure limits established by the Occupational Safety and Health Administration (OSHA). For

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<sup>1</sup> The Acrylic and Modacrylic Fibers Production, Flexible Polyurethane Foam Production, Lead Acid Battery Manufacturing, and Wood Preserving source categories were added to the area source category list on June 26, 2002 (67 FR 43112, 43113). The Acrylic and Modacrylic Fibers area source category listing was based on emissions of the HAP acrylonitrile. Emissions of HAP metals (lead and cadmium) were the basis for the listing of the Lead Acid Battery Manufacturing area source categories. The listings of Flexible Polyurethane Foam Production and Flexible Polyurethane Foam Fabrication Operations were based on HAP emissions of methylene chloride, while the listing of Wood Preserving was based on HAP emissions of arsenic, chromium, methylene chloride and dioxin. On November 22, 2002 (67 FR 70427), Carbon Black Production and Chemical Manufacturing: Chromium Compounds were added to the area source category list based on HAP emissions of polycyclic aromatic hydrocarbons (7-PAHs) and HAP metals (chromium), respectively.

the purposes of this estimate, we have assumed that there are 50 area source slabstock foam production facilities in the country, including one which still uses methylene chloride as an ABA.

There are approximately 400 area source facilities in the wood preserving area source category. All of these facilities are well controlled in terms of metal HAP (i.e., chromium and arsenic) emissions as a result of a February 2002 voluntary decision by the industry to discontinue the consumer uses of chromated copper arsenate as a wood preservative. These facilities have also discontinued the use of methylene chloride.

Certain records and reports are necessary for the Administrator to confirm the compliance status of area sources, identify any new or reconstructed sources subject to the standards, and confirm that the standards are being achieved on a continuous basis. These recordkeeping and reporting requirements are specifically authorized by section 114 of the Clean Air Act (42 U.S.C. 7414) and set out in the Part 63 NESHAP General Provisions. The recordkeeping and reporting requirements for title V permits are contained in 40 CFR 70.6 and 40 CFR 71.6. Under Parts 63 and 70 or 71, the owner or operator must keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.

*(b) Use/Users of the Data.*

The information will be used by the delegated authority (State agency or Regional Administrator if there is no delegated State agency) to ensure that the emissions limits and other requirements are being achieved. Based on review of the recorded information at the site and the reported information, the delegated permitting authority can identify facilities that may not be in compliance and decide which plants, records, or processes may need inspection.

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

*(a) Nonduplication.*

A computer search of EPA's ongoing ICR's revealed no duplication of information-gathering efforts.

*(b) Public Notice Required Prior to ICR Submission to OMB.*

This section is not applicable because this is a rule-related ICR.

*(c) Consultations.*

The final rules were developed in consultation with individual plants, State agencies, and trade associations. The non-EPA persons consulted on the information collection activities are identified in Table 1. For each subpart, the contacts listed for that subpart were consulted on the information collection activities and since they are different subparts covering different industries, the questions posed to them were different.

TABLE 1. PERSONS CONSULTED ON THE INFORMATION COLLECTION ACTIVITIES

Contact	Applicable Subpart	Organization	Telephone Number
Mike Thrasher	Subpart LLLLLL	Hexcel Corporation	(256) 340-4057
Bryan Johnson	Subpart MMMMMM	Louisiana Department of Environmental Quality	(225) 219-3118
Grover Campbell	Subpart MMMMMM	Oklahoma Department of Environmental Quality	(405) 702-4200
Kevin Cowan	Subpart NNNNNN	Elementis Chromium (NC)	(910) 675-7222
Joel Barnhart	Subpart NNNNNN	Elementis Chromium (TX)	(361) 880-7783
Bob Luedeka	Subpart OOOOOO	Polyurethane Foam Association (PFA)	(865) 690-4648
Terry Grosso	Subpart OOOOOO	Foamex	(610) 499-3741
Curt Baker	Subpart OOOOOO	Flexible Foam	(423) 322-3767
Mike Cortright	Subpart OOOOOO	Flex-Foam Inc.	(602) 252-5819
Saskia Mooney	Subpart PPPPPP	Wiley Rein & Fielding LLP representing the Battery Council International (BCI)	(202) 719-4107
Donna Moore	Subpart PPPPPP	Kentucky Division for Air Quality	(502) 573-3382
Chris Romaine	Subpart PPPPPP	Illinois Bureau of Air Quality	(217) 782-2113
John Rustige	Subpart PPPPPP	Missouri Department of Natural Resources	(573) 751-3443
Joseph Cole	Subpart PPPPPP	Axion Power Battery	(724) 654-9300
Tim Lafond	Subpart PPPPPP	Johnson Controls Inc.	(414) 524-2745
Steve Weflin	Subpart PPPPPP	Delphi Inc.	(765) 451-6732
Jeff Miller	Subpart QQQQQQ	Treated Wood Council	(202) 463-2045

(d) *Effects of Less Frequent Collection.*

If the relevant information were collected less frequently, the delegated permitting authority (State or EPA) would not be reasonably assured that a plant is in compliance with the standards.

(e) *General Guidelines.*

None of the guidelines in 5 CFR 1320.6 are being exceeded.

(f) *Confidentiality.*

All information submitted to the Agency for which a claim of confidentiality is made will be safeguarded according to the Agency policies set forth in Title 40, Chapter 1, Part 2, Subpart B -- Confidentiality of Business Information (see 40 CFR 2; 41 FR 36902, September 1, 1976; amended by 43 FR 39999, September 28, 1978; 43 FR 42251, September 28, 1978; 44 FR 17674, March 23, 1979).

(g) *Sensitive Questions.*

This section is not applicable because this ICR does not involve matters of a sensitive nature.

#### **4. The Respondents and the Information Requested**

(a) *Respondents/NAICS Codes.*

Potential respondents under Subpart LLLLLL are owners or operators of any existing or new acrylic or modacrylic fibers production plant that is an area source of HAP emissions. The one existing area source is already subject to emissions limits and other requirements that are the same as those in the final NESHAP. The North American Industry Classification System (NAICS) code for acrylic or modacrylic fibers production plants is 325222. We estimate that one existing source will be subject to the final NESHAP; no new area sources are projected during the 3 year period of this ICR.

Potential respondents under Subpart MMMMMM are owners or operators of any existing or new area source facilities that manufacture carbon black using the furnace, thermal, or acetylene decomposition process. The NAICS code for carbon black production is 325182. Based on public comments, we learned there are no existing area sources. No new area sources are projected during the 3 year period of this ICR.

Potential respondents under Subpart NNNNNN are owners or operators of area source facilities that use chromite ore as the basic feedstock to manufacture chromium compounds, primarily sodium dichromate, chromic acid, and chromic oxide. Chromium products are contained in NAICS code 325188. There are only two existing plants; no new area sources are expected during the 3-year period of this ICR.

Potential respondents under Subpart OOOOOO are owners or operators of existing or new area source facilities that either manufacture foam from polyurethane polymer or cut or bond flexible polyurethane foam pieces together or to other substrates. The NAICS code for flexible polyurethane foam production and fabrication is 326150. We estimate that 500 or more existing sources will be subject to the final NESHAP; no new area sources are projected during the 3 year period of this ICR.

Potential respondents under Subpart PPPPPP are owners or operators of existing or new area source facilities that manufacture lead acid storage batteries made from lead alloy ingots and lead oxide. The NAICS code for lead acid battery manufacturing is 335911. We estimate that 60 existing sources will be subject to the final NESHAP; no new area sources are projected during the 3 year period of this ICR.

Potential respondents under Subpart QQQQQQ are owners or operators of area source facilities that use pressure or thermal processes to impregnate chemicals into wood to a depth that will provide effective long-term resistance to attack by fungi, bacteria, insects, and marine borers. The NAICS code for wood preserving is 321114. There are approximately 400 area source facilities in the wood preserving area source category; no new area sources are expected during the 3 year period of this ICR.

*(b) Information Requested.*

*(i) Data Items, Including Recordkeeping Requirements.* Attachments 1A and 1B, Source Data and Information Requirements, summarizes the data items, including recordkeeping and reporting requirements.

*(ii) Respondent Activities.* The respondent activities required by the final rules are identified in Tables 2A, 2B, 2C, 2D, 2E, and 2F and are introduced in section 6(a).

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

(a) *Agency Activities.*

The Agency activities are provided in Tables 3A, 3B, 3C, 3D, 3E, and 3F and are introduced in section 6(c).

(b) *Collection Methodology and Management.*

Data and records maintained by the respondents are tabulated and published for use in compliance and enforcement programs of the delegated permitting authority. The monitoring reports submitted to the permitting authority are used for problem identification, as a check on source operation and maintenance, and for compliance determinations. EPA is the permitting authority until the State agency is delegated authority to implement the final rule. Therefore, information contained in the reports submitted to the Regional Administrator will be entered into the Air Facility System (AFS), which is operated and maintained by EPA's Office of Compliance. AFS is EPA's database for the collection, maintenance, and retrieval of compliance data for approximately 125,000 industrial and government-owned facilities. EPA uses the AFS for tracking air pollution compliance and enforcement by local and state regulatory agencies, EPA regional offices and EPA headquarters. EPA and its delegated authorities can edit, store, retrieve and analyze the data.

(c) *Small Entity Flexibility.*

The Small Business Administration defines a small entity as a firm having no more than 1,000 employees (for the acrylic and modacrylic fibers production facilities and chromium compound production facilities) or 500 employees (for the production of carbon black, flexible polyurethane foam, lead acid batteries, and for the wood preserving industry). There will not be adverse impacts on any small entities in any of the seven source categories because the final rules do not create any new requirements or burdens for existing sources other than minimal notification, reporting, and recordkeeping requirements.

(d) *Collection Schedule.*

The specific frequency for each information collection activity within this request is shown in Tables 2A, 2B, 2C, 2D, 2E, and 2F.

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

### *(a) Estimating Respondent Burden.*

The annual burden estimates for the final NESHAP are shown in Tables 2A (for Subpart LLLLLL), 2B (for Subpart NNNNNN), 2C (for Subpart OOOOOO), 2D (for Subpart PPPPPP), and 2E (for Subpart QQQQQQ). These numbers were derived from estimates based on EPA's experience with other standards. No burden estimates are provided for new area sources because no new facilities are expected during the 3-year period of this ICR.

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

The information collection activities for the final NESHAP are presented in Tables 2A, 2B, 2C, 2D, and 2E. Because the data are already collected by respondents as required by the existing permit requirements, no respondent development costs are associated with the information collection activities.

*(i) Estimating Labor Costs.* Labor rates and associated costs are based on Bureau of Labor Statistics (BLS) data. Technical, management, and clerical average hourly rates for private industry workers were taken from the United States Department of Labor, Bureau of Labor Statistics, December 2006, "Table 2. Civilian Workers, by occupational and industry group" available at <http://www.bls.gov/news.release/ecec.t02.htm>. Wages for occupational groups are used as the basis for the labor rates with a total compensation of \$41.89/hour for technical, \$48.09/hour for managerial, and \$20.86/hour for clerical. These rates represent salaries plus fringe benefits and do not include the cost of overhead. An overhead rate of 110 percent is used to account for these costs. The fully-burdened hourly wage rates used to represent respondent labor costs are: technical at \$87.98, management at \$100.98, and clerical at \$43.80.

*(ii) Estimating Capital and Operations and Maintenance (O&M) Costs.* The final NESHAP do not require the installation of any new control devices or monitoring systems at existing facilities with the exception of fabric filter monitoring for lead acid battery manufacturers. We estimate six facilities will need to have initial labor costs to provide training to meet the periodic and semi-annual monitoring and inspection requirements of the lead acid battery manufacturing area source NESHAP. Capital and O&M costs are not estimated for new sources because no new sources are expected during the next 3-year period.

(iii) *Capital/Startup vs. O&M Costs.* Capital/startup costs for existing lead acid battery manufacturing area sources are estimated at \$4,840 for 55 hours of training at \$88 per hour. No other final NESHAP require the installation of any new control devices or monitoring systems. Capital/startup costs are not estimated for new sources because no new sources are expected during the next 3-year period. Therefore, capital/startup costs associated with the final NESHAP are \$4,840 during the 3-year period of this ICR.

(iv) *Annualizing Capital Costs.* The annualized costs associated with the final NESHAP during the 3-year period of this ICR are \$800 for the initial labor costs for the lead acid battery manufacturing area source fabric filter monitoring and inspection requirements.

(c) *Estimating Agency Burden and Cost.*

Because the information collection requirements were developed as an incidental part of standards development, no costs can be attributed to the development of the information collection requirements. Because reporting and recordkeeping requirements on the part of the respondents are required under the operating permits rules in 40 CFR Part 70 or Part 71 and the Part 63 NESHAP General Provisions, no operational costs would be incurred by the Federal Government. Publication and distribution of the information are part of the Compliance Data System, with the result that no Federal costs can be directly attributed to the ICR. Examination of records to be maintained by the respondents will occur incidentally as part of the periodic inspection of sources that is part of EPA's overall compliance and enforcement program, and, therefore, is not attributable to the ICR. The only costs that the Federal government will incur are user costs associated with the analysis of the reported information, as presented in Tables 3A, 3B, 3C, 3D, and 3E.

The Agency labor rates are from the Office of Personnel Management (OPM) 2006 General Schedule which excludes locality rates of pay. These rates can be obtained from Salary Table 2006-GS available on the OPM website, [http://www.opm.gov/oca/06tables/html/gs\\_h.asp](http://www.opm.gov/oca/06tables/html/gs_h.asp). The government employee labor rates are \$14.35/hour for clerical (GS-6, Step 3), \$26.53 for technical (GS-12, Step 1), and \$35.75/hr for management (GS-13, Step 5). These rates were increased by 60 percent to include fringe benefits and overhead. The fully-burdened wage rates used to represent Agency labor costs are: clerical at \$22.96; technical at \$42.45, and management at \$57.20.

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

There is one existing acrylic and modacrylic fiber production area source facility. No new sources are expected during the next 3 years. Consequently, the average number of respondents during the 3 year period of this ICR is 0.33. There are no existing carbon black production area sources, and no new sources are expected during the next 3 years. Consequently, the average number of respondents during the 3 year period of this ICR is 0. There are two existing chromium compound manufacturing area sources. No new sources are expected during the next 3 years. Consequently, the average number of respondents during the 3 year period of this ICR is 0.67. There are approximately 500 existing flexible polyurethane foam production and fabrication area sources. No new sources are expected during the next 3 years. Consequently, the average number of respondents during the 3 year period of this ICR is 166.67. Forty-nine slabstock foam production area sources are subject to reporting requirements (notification of compliance status) that the other foam facilities are not. The average number of respondents required to submit a notification of compliance status during the 3 year period of this ICR is 16.33. A single slabstock foam production plant which still uses methylene chloride is projected to have a higher burden than the other plants due to burden items resulting from additional rule requirements. There are 60 existing lead acid battery manufacturing area sources. No new sources are expected during the next 3 years. Consequently, the average number of respondents during the 3 year period of this ICR is 20. There are 393 existing wood preserving area sources. No new sources are expected during the next 3 years. Consequently, the average number of respondents during the 3 year period of this ICR is 131. The total average number of respondents for all source categories is  $0.33 + 0.67 + 166.67 + 20 + 131 = 319$ .

The only components of the total annual responses attributable to this ICR are the SSM plan for some plants, two one-time initial notifications for each existing facility, and semi-annual reports for six lead acid battery plants and one chromium plant.

The number of total annual responses for Subpart LLLLLL (acrylic and modacrylic fibers production area sources) is estimated as:  $(0.33 \text{ annual average respondents} \times 1 \text{ notification}) + (0.33 \text{ annual average respondents} \times 1 \text{ notification}) + (0.33 \text{ annual average respondents} \times 1 \text{ written plan})$ . Therefore, the number of total annual responses for Subpart LLLLLL is 1.

The number of total annual responses for Subpart MMMMMM (carbon black production area sources) is estimated as 0.

The number of total annual responses for Subpart NNNNNN (chemical manufacturing: chromium compounds area sources) is estimated as:  $(0.67 \text{ annual average respondents} \times 1 \text{ notification}) + (0.67 \text{ annual average respondents} \times 1 \text{ notification}) + (0.67 \text{ annual average respondents} \times 1 \text{ written plan})$ . Therefore, the number of total annual responses for Subpart NNNNNN is 2.

The number of total annual responses for Subpart OOOOOO (flexible polyurethane foam production and fabrication area sources) is estimated as:  $(16.33 \text{ annual average}^* \text{ respondents} \times 1 \text{ notification}) + (0.33 \text{ annual average respondents} \times 5 \text{ notifications})$ . Therefore, the number of total annual responses for Subpart OOOOOO is 18.

The number of total annual responses for Subpart PPPPPP (lead acid battery manufacturing area sources) is estimated as:  $(20 \text{ annual average respondents} \times 1 \text{ notification}) + (20 \text{ annual average respondents} \times 1 \text{ notification}) + (5 \text{ annual average respondents} \times 1 \text{ performance test}) + (6 \text{ annual average respondents} \times 2 \text{ semi-annual reports})$ . Therefore, the number of total annual responses for Subpart PPPPPP is 57.

The number of total annual responses for Subpart QQQQQQ (wood preserving area sources) is estimated as:  $(131 \text{ annual average respondents} \times 1 \text{ notification}) + (131 \text{ annual average respondents} \times 1 \text{ notification})$ . Therefore, the number of total annual responses for Subpart QQQQQQ is 262.

The total number of responses for the combined source categories is 336.

*(e) Bottom Line Burden Hours and Cost Tables.*

*(i) Respondent tally.* The bottom line respondent burden hours and costs, presented in Tables 2A, 2B, 2C, 2D, and 2E are calculated by adding person-hours per year down each column for technical, managerial, and clerical staff, and by adding down the cost column.

The average annual burden for the monitoring, recordkeeping, and reporting requirements in Subpart LLLLLL for the one existing acrylic and modacrylic production area source is 9 person hours with an annual average cost of \$780 with no capital and O&M costs.

The average annual burden for the monitoring, recordkeeping, and reporting requirements in Subpart MMMMMM for existing carbon black manufacturing area sources is 0.

The average annual burden for the monitoring, recordkeeping, and reporting requirements in Subpart NNNNNN for the two existing chromium chemical compound production area sources is 194 person hours with an annual average cost of \$16,409 with no capital and O&M costs.

The average annual burden for the monitoring, recordkeeping, and reporting requirements in Subpart OOOOOO for the 500+ existing flexible polyurethane production and fabrication area sources is 925 person hours with an annual average cost of \$78,337 with no capital and O&M costs.

The average annual burden for the monitoring, recordkeeping, and reporting requirements in Subpart PPPPPP 60 existing lead acid battery manufacturing area sources is 2,032 person hours with an annual average cost of \$172,477 with capital/O&M costs of \$4,840 for initial labor costs.

The average annual burden for the monitoring, recordkeeping, and reporting requirements in Subpart QQQQQQ for the 393 existing wood preserving area sources is 1,055 person hours with an annual average cost of \$89,324 with no capital and O&M costs.

The total annual burden for all source categories is 3,985 hours at \$337,816 with no capital and O&M costs.

(ii) *The Agency tally.* The total annual Federal Government cost is \$47,099 for 1,143 total annual hours. The bottom line Agency burden hours and costs presented in Tables 3A, 3B, 3C, 3D, and 3E are calculated by adding person-hours per year down each column for technical, managerial, and clerical staff, and by adding down the cost column.

(iii) *Variations in the annual bottom line.* This section does not apply since no significant variation is anticipated.

(f) *Reasons for Change in Burden.*

This section does not apply because this is a new ICR.

(g) *Burden Statement*

The average annual respondent burden for the final NESHAP for acrylic and modacrylic production area sources is estimated at 9 hours. The average annual respondent burden for the final NESHAP for carbon black manufacturing area sources is estimated at 9 hours. The average annual respondent burden for the final NESHAP for chromium chemical compound production

area sources is estimated at 179 hours. The average annual respondent burden for the final NESHAP for flexible polyurethane production and fabrication area sources is estimated at 925 hours. The average annual respondent burden for the final NESHAP for lead acid battery manufacturing area sources is estimated at 1,802 hours. The average annual respondent burden for the final NESHAP for wood preserving area sources is estimated at 1,055 hours.

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 currently valid OMB control number. The OMB control numbers for EPA's regulations in 40 CFR Part 63 are listed in 40 CFR Part 9.

To comment on the Agency's need for this information the accuracy of the provided burden estimates, and any suggestions for minimizing respondent burden, including through the use of automated collection techniques, EPA has established a public docket for this ICR under Docket ID No. EPA-HQ-OAR-2006-0897, which is available for online viewing at [www.regulations.gov](http://www.regulations.gov), or in person viewing at the Air and Radiation Docket and Information Center in the EPA Docket Center (EPA/DC), EPA West, Room B-102, 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 Air Docket is (202) 566-1927. An electronic version of the public docket is available at <http://www.regulations.gov>. This site can be used to submit or view public comments, access the index listing of the contents of the public 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 above. Also, you can send comments to the Office of Information and Regulatory

Affairs, Office of Management and Budget, 725 17<sup>th</sup> Street, NW, Washington, DC 20503,  
Attention Desk Officer for EPA. Please include the EPA Docket ID No. EPA-HQ-OAR-2006-  
0897 in any correspondence.

**PART B**

This section is not applicable because statistical methods are not used in data collection associated with the final rules.

**TABLE 2A. ANNUAL RESPONDENT BURDEN AND COST-- NESHAP FOR AREA SOURCES:  
ACRYLIC AND MODACRYLIC FIBERS PRODUCTION**

<b>Burden item</b>	<b>(A) Person- hours per occurrence</b>	<b>(B) No. of occurrences per respondent</b>	<b>(C) Person- hours per respondent (C=A*B)</b>	<b>(D) Respondents per year<sup>a</sup></b>	<b>(E) Technical person- hours per year (E=C*D)</b>	<b>(F) Management person-hours per year (E*0.05)</b>	<b>(G) Clerical person- hours per year (E*0.1)</b>	<b>(H) Cost<sup>b</sup>, \$</b>
1. Applications	N/A							
2. Surveys and Studies	N/A							
3. Acquisition, Installation, and Utilization of Technology and Systems	N/A							
4. Reporting Requirements								
A. Read instructions	8	1	8	0.33	2.67	0.13	0.27	\$260
B. Required activities								
Prepare startup, shutdown, malfunction plan	4	1	4	0.33	1.33	0.07	0.13	\$130
Initial notification of applicability	4	1	4	0.33	1.33	0.07	0.13	\$130
Initial notification of compliance status	8	1	8	0.33	2.67	0.13	0.27	\$260
C. Create information	See 4B							
D. Gather existing information	See 4B							
E. Write report	See 4B							
5. Recordkeeping Requirements								
A. Read instructions	See 4A							
B. Plan activities	See 4A							
C. Implement activities	See 4A							
D. Record data <sup>c</sup>	N/A							
E. Time to transmit or disclose information	See 4B							
F. Time to train personnel <sup>c</sup>	N/A							
G. Time for audits <sup>c</sup>	N/A							
<b>TOTAL LABOR BURDEN AND COST</b>						<b>9 hrs/yr</b>		<b>\$780</b>

N/A = not applicable.

<sup>a</sup> There is one existing acrylic and modacrylic production facility that is an area source. No new sources are projected during the 3-year term of this ICR. Therefore, the average number of respondents per year is 0.33 (1÷3=0.33).

<sup>b</sup> This ICR uses the following labor rates: \$100.98 for managerial labor, \$87.98 for technical labor, and \$43.80 for clerical labor. These rates are from the U.S. Department of Labor, Bureau of Labor Statistics, December 2005, ATable 2. Civilian Workers, by occupational and industry group. @ The rates are from column 1, ATotal compensation. @ The rates have been increased by 110% to account for the benefit packages available to those employed by private industry.

<sup>c</sup> No hours or costs are associated with this item because the rule imposes no additional burden.

**TABLE 2B. ANNUAL RESPONDENT BURDEN AND COST-- NESHAP FOR AREA SOURCES: CHEMICAL MANUFACTURING: CHROMIUM COMPOUNDS**

Burden item	(A) Person-hours per occurrence	(B) No. of occurrences per respondent	(C) Person-hours per respondent (C=A*B)	(D) Respondents per year <sup>a</sup>	(E) Technical person-hours per year (E=C*D)	(F) Management person-hours per year (E*0.05)	(G) Clerical person-hours per year (E*0.1)	(H) Cost <sup>b</sup> , \$
1. Applications	N/A							
2. Surveys and Studies	N/A							
3. Acquisition, Installation, and Utilization of Technology and Systems	N/A							
4. Reporting Requirements								
A. Read instructions	8	1	8	0.67	5.33	0.27	0.53	\$519
B. Required activities								
Initial Performance test	40	1	40	0.33	13.2	0.66	1.32	\$1,286
Monthly inspections of control devices	4	12	48	1	48	2.4	4.8	\$4,676
Daily check of water flow	0.25	365	91.25	1	91.25	4.56	9.13	\$8,889
Prepare startup, shutdown, malfunction plan	4	1	4	0.67	2.67	0.13	0.27	\$260
Initial notification of applicability	4	1	4	0.67	2.67	0.13	0.27	\$260
Initial notification of compliance status	8	1	8	0.67	5.33	0.27	0.53	\$519
C. Create information	See 4B							
D. Gather existing information	See 4B							
E. Write report	See 4B							
5. Recordkeeping Requirements								
A. Read instructions	See 4A							
B. Plan activities	See 4A							
C. Implement activities	See 4A							
D. Record data <sup>c</sup>	N/A							
E. Time to transmit or disclose information	See 4B							
F. Time to train personnel <sup>c</sup>	N/A							
G. Time for audits <sup>c</sup>	N/A							
<b>TOTAL LABOR BURDEN AND COST</b>						<b>194 hrs/yr</b>		<b>\$16,409</b>

N/A = not applicable.

<sup>a</sup> There are two existing chromium product manufacturing facilities that are area sources. No new sources are projected during the 3-year term of this ICR. Therefore, the average number of respondents per year is 0.67 ( $2 \div 3 = 0.67$ ) for one-time events. Only 1 facility must implement control device inspections on a recurring basis, so the number of respondents per year is 1. One facility must do a one performance test over the 3 year period ( $1/3 = 0.33$  respondents per year).

<sup>b</sup> This ICR uses the following labor rates: \$100.98 for managerial labor, \$87.98 for technical labor, and \$43.80 for clerical labor. These rates are from the U.S. Department of Labor, Bureau of Labor Statistics, December 2005, ATable 2. Civilian Workers, by occupational and industry group. @ The rates are from column 1, ATotal compensation. @ The rates have been increased by 110% to account for the benefit packages available to those employed by private industry.

<sup>c</sup> No hours or costs are associated with this item because the rule imposes no additional burden for that item.

**TABLE 2C. ANNUAL RESPONDENT BURDEN AND COST-- NESHAP FOR AREA SOURCES:  
FLEXIBLE POLYURETHANE FOAM PRODUCTION AND FABRICATION**

<b>Burden item</b>	<b>(A) Person-hours per occurrence</b>	<b>(B) No. of occurrences per respondent</b>	<b>(C) Person-hours per respondent (C=A*B)</b>	<b>(D) Respondents per year</b>	<b>(E) Technical person-hours per year (E=C*D)</b>	<b>(F) Management person-hours per year (E*0.05)</b>	<b>(G) Clerical person-hours per year (E*0.1)</b>	<b>(H) Cost*, \$</b>
1. Applications	N/A							
2. Surveys and Studies	N/A							
3. Acquisition, Installation, and Utilization of Technology and Systems	N/A							
4. Reporting Requirements								
A. Read instructions	4	1	4	166.67 <sup>b</sup>	666.67	33.33	66.67	\$64,939
B. Required activities								
Process Parameter Testing	50	1	50	0.33 <sup>c</sup>	16.5	0.83	1.65	\$1,607
Monitoring Equipment Calibrations	8	2	16	0.33 <sup>c</sup>	5.28	0.26	0.53	\$514
Storage Tank Measurement	1	12	12	0.33 <sup>c</sup>	3.96	0.2	0.4	\$386
Initial Notification of applicability	4	1	4	0.33 <sup>c</sup>	1.33	0.07	0.13	\$130
Precompliance Report	4	1	4	0.33 <sup>c</sup>	1.33	0.07	0.13	\$130
Notification of Compliance Status (facilities using methylene chloride)	16	1	16	0.33 <sup>c</sup>	5.33	0.27	0.53	\$520
Notification of Compliance Status (facilities not using methylene chloride)	1	1	1	16.33 <sup>d</sup>	16.33	0.82	1.63	\$1,591
Semiannual Compliance Status Report	4	2	8	0.33 <sup>c</sup>	2.67	0.13	0.27	\$260
Develop Record System	80	1	80	0.33 <sup>c</sup>	26.4	1.32	2.64	\$2,572
Time to Train Personnel	80	1	80	0.33 <sup>c</sup>	26.4	1.32	2.64	\$2,572
C. Create information	See 4B							
D. Gather existing information	See 4B							
E. Write report	See 4B							
5. Recordkeeping Requirements								
A. Read instructions	See 4A							

Burden item	(A) Person-hours per occurrence	(B) No. of occurrences per respondent	(C) Person-hours per respondent (C=A*B)	(D) Respondents per year	(E) Technical person-hours per year (E=C*D)	(F) Management person-hours per year (E*0.05)	(G) Clerical person-hours per year (E*0.1)	(H) Cost <sup>a</sup> , \$
B. Plan activities	See 4A							
C. Implement activities	See 4A							
D. Record Data	8	12	96	0.33 <sup>c</sup>	32	1.6	3.2	\$3,117
E. Time to transmit or disclose information	See 4B							
F. Time for audits <sup>e</sup>	N/A							
<b>TOTAL LABOR BURDEN AND COST</b>						<b>925 hrs/yr</b>		<b>\$78,337</b>

<sup>a</sup> This ICR uses the following labor rates: \$100.98 for managerial labor, \$87.98 for technical labor, and \$43.80 for clerical labor. These rates are from the U.S. Department of Labor, Bureau of Labor Statistics, December 2005, ATable 2. Civilian Workers, by occupational and industry group. @ The rates are from column 1, ATotal compensation. @ The rates have been increased by 110% to account for the benefit packages available to those employed by private industry.

<sup>b</sup> There are 500+ existing flexible polyurethane foam production and fabrication facilities that are area sources. No new sources are projected during the 3-year term of this ICR. Therefore, the average number of respondents per year that will read the rule and instructions is 166.67 (500÷3=166.67).

<sup>c</sup> Only a single plant is projected to be subject to these items (1/3= 0.33 respondents per year).

<sup>d</sup> There are 49 plants projected to be subject to this notification (49/3= 16.33 respondents per year).

<sup>e</sup> No hours or costs are associated with this item because the rule imposes no additional burden for that item.

**TABLE 2D. ANNUAL RESPONDENT BURDEN AND COST-- NESHAP FOR AREA SOURCES:  
LEAD ACID BATTERY MANUFACTURING**

<b>Burden item</b>	<b>(A) Person- hours per occurrence</b>	<b>(B) No. of occurrences per respondent</b>	<b>(C) Person- hours per respondent (C=A*B)</b>	<b>(D) Respondents per year<sup>a</sup></b>	<b>(E) Technical person-hours per year (E=C*D)</b>	<b>(F) Management person-hours per year (E*0.05)</b>	<b>(G) Clerical person- hours per year (E*0.1)</b>	<b>(H) Cost<sup>b</sup>, \$</b>
1. Applications	N/A							
2. Surveys and Studies	N/A							
3. Annualized Initial Labor Costs <sup>c</sup>	55	1	55	2	110	0	0	\$9,678
4. Reporting Requirements								
A. Read instructions	8	1	8	20	160	8	16	\$15,585
B. Required activities								
Periodic Monitoring – daily	0.5	365	182.5	6	1,095	55	110	\$106,663
Initial/Repeat Performance Test	40	1	40	5	200	10	20	\$19,481
Initial notification of applicability	4	1	4	20	80	4	8	\$7,793
Initial notification of compliance status	2	1	2	20	40	2	4	\$3,896
Semi-Annual Inspection	6	2	12	6	72	4	7	\$7,013
Semi-Annual Report	2	2	4	6	24	1	2	\$2,338
C. Create information	See 4B							
D. Gather existing information	See 4B							
E. Write report	See 4B							
5. Recordkeeping Requirements								
A. Read instructions	See 4B							
B. Plan activities	See 4B							
C. Implement activities	See 4B							
<b>TOTAL LABOR BURDEN AND COST</b>						<b>2,032 hours</b>		<b>\$172,447</b>

N/A = not applicable.

<sup>a</sup> There are 60 existing lead acid battery manufacturing facilities that are area sources. No new sources are projected during the 3-year term of this ICR. Therefore, the average number of notification respondents per year is 20 (60÷3=20). Most sources conducted NSPS performance tests; only 15 tests are expected during the three year period of the ICR.

<sup>b</sup> This ICR uses the following labor rates: \$100.98 for managerial labor, \$87.98 for technical labor, and \$43.80 for clerical labor. These rates are from the U.S. Department of Labor, Bureau of Labor Statistics, December 2005, ATable 2. Civilian Workers, by occupational and industry group. @ The rates are from column 1, ATotal compensation. @ The rates have been increased by 110% to account for the benefit packages available to those employed by private industry.

<sup>c</sup> Average number of respondents for initial labor costs reflect six facilities that do not have monitoring in their State permits. Therefore, the average number of notification respondents per year is 2 (6÷3=2).

**TABLE 2E. ANNUAL RESPONDENT BURDEN AND COST-- NESHAP FOR AREA SOURCES:  
WOOD PRESERVING**

<b>Burden item</b>	<b>(A) Person- hours per occurrence</b>	<b>(B) No. of occurrences per respondent</b>	<b>(C) Person- hours per respondent (C=A*B)</b>	<b>(D) Respondents per year<sup>a</sup></b>	<b>(E) Technical person- hours per year (E=C*D)</b>	<b>(F) Management person-hours per year (E*0.05)</b>	<b>(G) Clerical person- hours per year (E*0.1)</b>	<b>(H) Cost<sup>b</sup>, \$</b>
1. Applications	N/A							
2. Surveys and Studies	N/A							
3. Acquisition, Installation, and Utilization of Technology and Systems	N/A							
4. Reporting Requirements								
A. Read instructions	4	1	4	131	524	26.2	52.4	\$51,042
B. Required activities								
Initial notification of applicability and compliance status	2	1	2	131	262	13.1	26.2	\$51,042
Checklist of best management practices	1	1	1	131	131	6.6	13.1	\$12,761
C. Create information	See 4B							
D. Gather existing information	See 4B							
E. Write report	See 4B							
5. Recordkeeping Requirements								
A. Read instructions	See 4A							
B. Plan activities	See 4A							
C. Implement activities	See 4B							
D. Record data <sup>c</sup>	N/A							
E. Time to transmit or disclose information <sup>c</sup>	N/A							
F. Time to train personnel <sup>c</sup>	N/A							
G. Time for audits <sup>c</sup>	N/A							
<b>TOTAL LABOR BURDEN AND COST</b>						<b>1,055 hrs/yr</b>		<b>\$89,324</b>

N/A = not applicable

<sup>a</sup> There are 393 existing wood preserving facilities that are area sources. No new sources are projected during the 3-year term of this ICR. Therefore, the average number of respondents per year is 131 (393÷3=131).

<sup>b</sup> This ICR uses the following labor rates: \$100.98 for managerial labor, \$87.98 for technical labor, and \$43.80 for clerical labor. These rates are from the U.S. Department of Labor, Bureau of Labor Statistics, December 2005, ATable 2. Civilian Workers, by occupational and industry group. @ The rates are from column 1, ATotal compensation. @ The rates have been increased by 110% to account for the benefit packages available to those employed by private industry.

<sup>c</sup> No hours or costs are associated with this item because the rule imposes no additional burden for that item.

**TABLE 3A. ANNUAL BURDEN AND COST TO THE AGENCY-- NESHAP FOR AREA SOURCES:  
ACRYLIC AND MODACRYLIC FIBERS PRODUCTION**

<b>Burden Item</b>	<b>(A) Person hours per occurrence</b>	<b>(B) Occurrences per respondent</b>	<b>(C) Plants per year <sup>a</sup></b>	<b>(D) Technical hours/year (D=A*B*C)</b>	<b>(E) Management hours/year (E=0.05*D)</b>	<b>(F) Clerical-hours/year (F=0.1*D)</b>	<b>(G) Cost<sup>b</sup>, \$</b>
Report Review:							
Initial notification of applicability	2	1	0.33	0.66	0.03	0.07	\$32
Startup, shutdown, malfunction plan	4	1	0.33	1.32	0.07	0.13	\$63
Initial notification of compliance status	4	1	0.33	1.32	0.07	0.13	\$63
<b>TOTAL BURDEN AND COST</b>				<b>3.8 hours</b>			<b>\$158</b>

<sup>a</sup> There is one existing acrylic and modacrylic production facility that is an area source. No new sources are projected during the 3-year term of this ICR. Therefore, the average number of respondents per year is 0.33 (1÷3=0.33). No travel is expected.

<sup>b</sup> This ICR uses the following average hourly labor rates: 57.20 for managerial (GS-13, Step 5, \$35.75 x 1.6), \$42.45 (GS-12, Step 1, \$26.53 x 1.6) for technical and \$22.96 (GS-6, Step 3, \$14.35 x 1.6) for clerical. These rates are from the Office of Personnel Management (OPM) A2006 General Schedule@ which excludes locality rates of pay.

**TABLE 3B. ANNUAL BURDEN AND COST TO THE AGENCY-- NESHAP FOR AREA SOURCES:  
CHEMICAL MANUFACTURING: CHROMIUM COMPOUNDS**

<b>Burden Item</b>	<b>(A) Person hours per occurrence</b>	<b>(B) Occurrences per respondent</b>	<b>(C) Plants per year <sup>a</sup></b>	<b>(D) Technical hours/year (D=A*B*C)</b>	<b>(E) Management hours/year (E=0.05*D)</b>	<b>(F) Clerical-hours/year (F=0.1*D)</b>	<b>(G) Cost<sup>b</sup>, \$</b>
Report Review:							
Initial notification of applicability	2	1	0.67	1.34	0.07	0.13	\$64
Startup, shutdown, malfunction plan	4	1	0.67	2.68	0.13	0.27	\$127
Initial notification of compliance status	4	1	0.67	2.68	0.13	0.27	\$127
<b>TOTAL BURDEN AND COST</b>				<b>7.7 hours</b>			<b>\$318</b>

<sup>a</sup> There are two existing chromium product manufacturing facilities that are area sources. No new sources are projected during the 3-year term of this ICR. Therefore, the average number of respondents per year is 0.67 (2÷3=0.67). No travel is expected.

<sup>b</sup> This ICR uses the following average hourly labor rates: 57.20 for managerial (GS-13, Step 5, \$35.75 x 1.6), \$42.45 (GS-12, Step 1, \$26.53 x 1.6) for technical and \$22.96 (GS-6, Step 3, \$14.35 x 1.6) for clerical. These rates are from the Office of Personnel Management (OPM) A2006 General Schedule@ which excludes locality rates of pay.

**TABLE 3C. ANNUAL BURDEN AND COST TO THE AGENCY-- NESHAP FOR AREA SOURCES:  
FLEXIBLE POLYURETHANE FOAM PRODUCTION AND FABRICATION**

<b>Burden Item</b>	<b>(A) Person hours per occurrence</b>	<b>(B) Occurrences per respondent</b>	<b>(C) Plants per year</b>	<b>(D) Technical hours/year (D=A*B*C)</b>	<b>(E) Management hours/year (E=0.05*D)</b>	<b>(F) Clerical-hours/year (F=0.1*D)</b>	<b>(G) Cost<sup>a</sup>, \$</b>
Report Review:							
Initial notification of applicability <sup>b</sup>	2	1	0.33	0.67	0.03	0.07	\$32
Precompliance Report <sup>b</sup>	2	1	0.33	0.67	0.03	0.07	\$32
Notification of Compliance Status <sup>c</sup>	4	1	16.33	65.32	3.27	6.53	\$3,110
Semi-annual Compliance Status Report <sup>b</sup>	2	2	0.33	1.33	0.07	0.13	\$63
Notification of Special Compliance <sup>b</sup>	2	1	0.33	0.67	0.03	0.07	\$32
Change in Selected Emission Limit and Compliance Method <sup>b</sup>	2	1	0.33	0.67	0.03	0.07	\$32
Request for Extension of Compliance, Adjustments to Time Periods, and Changes in Information <sup>b</sup>	2	1	0.33	0.67	0.03	0.07	\$32
Progress Reports for Extensions <sup>b</sup>	2	1	0.33	0.67	0.03	0.07	\$32
<b>TOTAL BURDEN AND COST</b>				<b>81 hours</b>			<b>\$3,365</b>

<sup>a</sup> This ICR uses the following average hourly labor rates: 57.20 for managerial (GS-13, Step 5, \$35.75 x 1.6), \$42.45 (GS-12, Step 1, \$26.53 x 1.6) for technical and \$22.96 (GS-6, Step 3, \$14.35 x 1.6) for clerical. These rates are from the Office of Personnel Management (OPM) A2006 General Schedule@ which excludes locality rates of pay.

<sup>b</sup> Only a single plant is projected to be subject to these items (1/3= 0.33 respondents per year).

<sup>c</sup> There are 49 plants projected to be subject to this notification (49/3= 16.33 respondents per year).

**TABLE 3D. ANNUAL BURDEN AND COST TO THE AGENCY-- NESHAP FOR AREA SOURCES:  
LEAD ACID BATTERY MANUFACTURING**

<b>Burden Item</b>	<b>(A) Person hours per occurrence</b>	<b>(B) Occurrences per respondent</b>	<b>(C) Plants per year<sup>a</sup></b>	<b>(D) Technical hours/year (D=A*B*C)</b>	<b>(E) Management hours/year (E=0.05*D)</b>	<b>(F) Clerical-hours/year (F=0.1*D)</b>	<b>(G) Cost<sup>b</sup>, \$</b>
Report Review:							
Initial notification of applicability	2	1	20	40	2.0	4.0	\$1,904
Semi-annual Report	2	2	2	8	0.4	0.8	\$127
Initial notification of compliance status	4	1	20	80	4.0	8.0	\$3,808
<b>TOTAL BURDEN AND COST</b>				<b>147 hours</b>			<b>\$5,840</b>

<sup>a</sup> There are 60 existing lead acid battery manufacturing facilities that are area sources. No new sources are projected during the 3-year term of this ICR. Therefore, the average number of notification respondents per year is 20 (60÷3=20). No travel is expected.

<sup>b</sup> This ICR uses the following average hourly labor rates: 57.20 for managerial (GS-13, Step 5, \$35.75 x 1.6), \$42.45 (GS-12, Step 1, \$26.53 x 1.6) for technical and \$22.96 (GS-6, Step 3, \$14.35 x 1.6) for clerical. These rates are from the Office of Personnel Management (OPM) A2006 General Schedule@ which excludes locality rates of pay.

**TABLE 3E. ANNUAL BURDEN AND COST TO THE AGENCY-- NESHAP FOR AREA SOURCES:  
WOOD PRESERVING**

<b>Burden Item</b>	<b>(A) Person hours per occurrence</b>	<b>(B) Occurrences per respondent</b>	<b>(C) Plants per year<sup>a</sup></b>	<b>(D) Technical hours/year (D=A*B*C)</b>	<b>(E) Management hours/year (E=0.05*D)</b>	<b>(F) Clerical-hours/year (F=0.1*D)</b>	<b>(G) Cost<sup>b</sup>, \$</b>
Report Review:							
Initial notification of applicability	2	1	131	262	13.1	26.2	\$12,472
Initial notification of compliance status	4	1	131	524	26.2	52.4	\$24,946
<b>TOTAL BURDEN AND COST</b>				<b>904 hours</b>			<b>\$37,418</b>

<sup>a</sup> There are 393 existing wood preserving facilities that are area sources. No new sources are projected during the 3-year term of this ICR. Therefore, the average number of respondents per year is 131 (393÷3=131). No travel is expected.

<sup>b</sup> This ICR uses the following average hourly labor rates: 57.20 for managerial (GS-13, Step 5, \$35.75 x 1.6), \$42.45 (GS-12, Step 1, \$26.53 x 1.6) for technical and \$22.96 (GS-6, Step 3, \$14.35 x 1.6) for clerical. These rates are from the Office of Personnel Management (OPM) A2006 General Schedule@ which excludes locality rates of pay.

**ATTACHMENT 1A. INFORMATION REQUIREMENTS-- NESHAP FOR AREA SOURCES:  
ACRYLIC AND MODACRYLIC FIBERS PRODUCTION**

<b>Requirement</b>	<b>Citation for existing sources</b>	<b>Citation for new sources</b>	<b>General Provisions citation</b>
<b><i>Monitoring</i></b>			
None required	§63.11395	§63.11396	NA
<b><i>Notifications</i></b>			
Notification of applicability	Table 1 to Subpart LLLLLL	Table 1 to Subpart LLLLLL	40 CFR 63.9(a)(2)
Notification of construction/ reconstruction	NA	Table 1 to Subpart LLLLLL	40 CFR 63.9(b)(5)
Notification of special compliance requirements	NA	Table 1 to Subpart LLLLLL	40 CFR 63.9(d)
Notification of performance test	NA	Table 1 to Subpart LLLLLL	40 CFR 63.9(c)
Notification of opacity/VE observations	NA	Table 1 to Subpart LLLLLL	40 CFR 63.9(f)
Additional CMS notifications	NA	Table 1 to Subpart LLLLLL	40 CFR 63.9(g)
Notification of compliance status	Table 1 to Subpart LLLLLL/ §63.11397(b)	Table 1 to Subpart LLLLLL/ §63.11397(c)	40 CFR 63.9(h)
Notification of changes in information	Table 1 to Subpart LLLLLL	Table 1 to Subpart LLLLLL	40 CFR 63.9(j)
<b><i>Plans</i></b>			
SSM plan	Table 1 to Subpart LLLLLL	Table 1 to Subpart LLLLLL	40 CFR 63.6(e)(3)
Performance test plan	NA	Table 1 to Subpart LLLLLL	40 CFR 63.7(c)(2)
CMS quality control plan	NA	Table 1 to Subpart LLLLLL	40 CFR 63.8(d)
CMS performance evaluation test plan	NA	Table 1 to Subpart LLLLLL	40 CFR 63.8(e)(3)
<b><i>Records</i></b>			
Information to demonstrate compliance	§63.11395(g)	Table 1 to Subpart LLLLLL/§63.11396(f)	40 CFR 63.10
<b><i>Reports</i></b>			
Monthly summary of monitoring data	§63.11395(f)	§63.11396(f)	NA
Report of deviation	§63.11395(g)	Table 1 to Subpart LLLLLL	NA
Semiannual monitoring report	NA	NA	NA
Initial performance test	NA	NA	40 CFR 63.7(e)(1)
Quality assurance test plan	NA	Table 1 to Subpart LLLLLL	40 CFR 63.7(c)
CMS performance evaluations/report	NA	Table 1 to Subpart LLLLLL	40 CFR 63.8(e)(5)
SSM reports	Table 1 to Subpart LLLLLL	Table 1 to Subpart LLLLLL	40 CFR 63.6(e)(3)
Excess emissions reports	NA	Table 1 to Subpart LLLLLL	40 CFR 63.10(e)(3)

**ATTACHMENT 1B. INFORMATION REQUIREMENTS--NESHAP FOR AREA SOURCES:  
CARBON BLACK PRODUCTION**

<b>Requirement</b>	<b>Citation for existing sources</b>	<b>Citation for new sources</b>	<b>General Provisions citation</b>
<b><i>Monitoring</i></b>			
Flares	§63.11402 & §63.987	§63.11402 & §63.987	§63.11
All other control devices	§63.11402 & §63.996	§63.11402 & §63.996	NA
<b><i>Notifications</i></b>			
Initial notification	§63.11402 & §63.1110(c)	§63.11402 & §63.1110(c)	NA
Notification of construction/reconstruction	§63.11402 & §63.1110(a)(6)	§63.11402 & §63.1110(a)(6)	§63.5(d)
Notification of initial start up	§63.11402 & §63.1110(b)	§63.11402 & §63.1110(b)	NA
Notification of performance test	§63.11402 & §63.999(a)	§63.11402 & §63.1110(a)	NA
Notification of compliance status	§63.11402 & §63.1110(d)	§63.11402 & §63.1110(d)	NA
Notification of changes in information	NA	NA	NA
<b><i>Plans</i></b>			
SSM plan	§63.11402 & §63.1111(a)	§63.11402 & §63.1111(a)	NA
Performance test plan	NA	NA	NA
CMS quality control plan	NA	NA	NA
CMS performance evaluation test plan	NA	NA	NA
<b><i>Records</i></b>			
Monitoring information	§63.11402 & §63.1109 & §63.998	§63.11402 & §63.1109 & §63.998	NA
<b><i>Reports</i></b>			
Reports of deviation	NA	NA	NA
Semiannual monitoring reports	NA	NA	NA
Initial /repeat performance tests	§63.11402 & §63.999(a)	§63.11402 & §63.999(a)	NA
Quality assurance test plan	NA	NA	NA
CMS performance evaluation/report	NA	NA	NA
SSM reports	§63.11402 & §63.1112(b)	§63.11402 & §63.1112(b)	NA
Excess emissions reports	NA	NA	NA

**ATTACHMENT 1C. INFORMATION REQUIREMENTS--NESHAP FOR AREA SOURCES:  
CHEMICAL MANUFACTURING: CHROMIUM COMPOUNDS**

<b>Requirement</b>	<b>Citation for existing sources</b>	<b>Citation for new sources</b>	<b>General Provisions citation</b>
<b><i>Monitoring</i></b>			
Bag leak detectors	NA	§63.11410(g)	NA
<b><i>Notifications</i></b>			
Notification of applicability	Table 2 to Subpart NNNNNN	Table 2 to Subpart NNNNNN	40 CFR 63.9(a)(2)
Notification of construction/ reconstruction	NA	Table 2 to Subpart NNNNNN	40 CFR 63.9(b)(5)
Notification of special compliance requirements	NA	NA	40 CFR 63.9(d)
Notification of performance test	NA	§63.11410(i)	40 CFR 63.9(c)
Notification of opacity/VE observations	NA	NA	40 CFR 63.9(f)
Additional CMS notifications	NA	NA	40 CFR 63.9(g)
Notification of compliance status	Table 2 to Subpart NNNNNN	Table 2 to Subpart NNNNNN	40 CFR 63.9(h)
Notification of changes in information	NA	NA	40 CFR 63.9(j)
<b><i>Plans</i></b>			
SSM plan	Table 2 to Subpart NNNNNN	Table 2 to Subpart NNNNNN	40 CFR 63.6(e)(3)
Performance test plan	§63.11410(i)	§63.11410(i)	40 CFR 63.7(c)(2)
CMS quality control plan	NA	NA	40 CFR 63.8(d)
CMS performance evaluation test plan	NA	Table 2 to Subpart NNNNNN	40 CFR 63.8(e)(3)
<b><i>Records</i></b>			
Monthly control device inspections; retain records	§63.11410(d)	Table 2 to Subpart NNNNNN/§63.11410(h)	40 CFR 63.10
<b><i>Reports</i></b>			
Reports of deviation	NA	NA	NA
Semiannual monitoring reports	§63.11410(e)	NA	NA
Initial /repeat performance tests	NA	NA	40 CFR 63.7(e)(1) 40 CFR 63.6(h)(7)
Quality assurance test plan	NA	Table 2 to Subpart NNNNNN	40 CFR 63.7(c)
CMS performance evaluation/report	NA	Table 2 to Subpart NNNNNN	40 CFR 63.8(e)(5)
SSM reports	Table 2 to Subpart NNNNNN	Table 2 to Subpart NNNNNN	40 CFR 63.6(e)(3)
Excess emissions reports	NA	Table 2 to Subpart NNNNNN	40 CFR 63.10(e)(3)

**ATTACHMENT 1D. INFORMATION REQUIREMENTS--NESHAP FOR AREA SOURCES:  
FLEXIBLE POLYURETHANE FOAM PRODUCTION AND FABRICATION**

<b>Requirement</b>	<b>Citation for existing sources</b>	<b>Citation for new sources</b>	<b>General Provisions citation</b>
<b><i>Monitoring</i></b>			
Baghouse			NA
COMS for sintering machine			NA
<b><i>Notifications</i></b>			
Notification of applicability	Table 1 to Subpart OOOOOO	Table 1 to Subpart OOOOOO	40 CFR 63.9(a)(2)
Notification of construction/ reconstruction	NA	NA	40 CFR 63.9(b)(5)
Notification of special compliance requirements	NA	NA	40 CFR 63.9(d)
Notification of performance test	NA	NA	40 CFR 63.9(c)
Notification of opacity/VE observations	NA	NA	40 CFR 63.9(f)
Additional CMS notifications	NA	NA	40 CFR 63.9(g)
Notification of compliance status	Table 1 to Subpart OOOOOO/ §63.11417	Table 1 to Subpart OOOOOO/ §63.11417	40 CFR 63.9(h)
Notification of changes in information	NA	NA	40 CFR 63.9(j)
<b><i>Plans</i></b>			
SSM plan	NA	NA	40 CFR 63.6(e)(3)
Performance test plan	NA	NA	40 CFR 63.7(c)(2)
CMS quality control plan	NA	NA	40 CFR 63.8(d)
CMS performance evaluation test plan	NA	NA	40 CFR 63.8(e)(3)
<b><i>Records</i></b>			
Information used to demonstrate compliance	§63.11416(f)	§63.11416(f)	40 CFR 63.10
<b><i>Reports</i></b>			
Reports of deviation		NA	NA
Semiannual monitoring reports		NA	NA
Initial /repeat performance tests	NA	NA	40 CFR 63.7(e)(1) 40 CFR 63.6(h)(7)
Quality assurance test plan	NA	NA	40 CFR 63.7(c)
CMS performance evaluation/report	NA	NA	40 CFR 63.8(e)(5)
SSM reports	NA	NA	40 CFR 63.6(e)(3)
Excess emissions reports	NA	NA	40 CFR 63.10(e)(3)

**ATTACHMENT 1E. INFORMATION REQUIREMENTS--NESHAP FOR AREA SOURCES:  
LEAD ACID BATTERY MANUFACTURING**

<b>Requirement</b>	<b>Citation for existing sources</b>	<b>Citation for new sources</b>	<b>General Provisions citation</b>
<b><i>Monitoring</i></b>			
All	40 CFR 63.11423(b) & §60.373	40 CFR 63.11423(b) & 40 CFR 60.373	40 CFR 63.8
<b><i>Monitoring/Testing</i></b>			
Three-process operation facilities	40 CFR 63.11423(c), 40 CFR 60.373, 40 CFR 60.374(a), 40 CFR 60.374(b)(1&2)	40 CFR 63.11423(c), 40 CFR 60.373, 40 CFR 60.374(a), 40 CFR 60.374(b)(1&2)	40 CFR 63.7
Lead oxide manufacturing facilities	40 CFR 63.11423(c), 40 CFR 60.373, 40 CFR 60.374(a), 40 CFR 60.374(c)	40 CFR 63.11423(c), 40 CFR 60.373, 40 CFR 60.374(a), 40 CFR 60.374(c)	40 CFR 63.7
All other facilities	40 CFR 63.11423(c), 40 CFR 60.373, 40 CFR 60.374(a), 40 CFR 60.374(b)(1)	40 CFR 63.11423(c), 40 CFR 60.373, 40 CFR 60.374(a), 40 CFR 60.374(b)(1)	40 CFR 63.7
<b><i>Notifications</i></b>			
Notification of applicability	NA	NA	40 CFR 63.9(a)(2)
Notification of construction/ reconstruction	NA	NA	40 CFR 63.9(b)(5)
Notification of special compliance requirements	NA	NA	40 CFR 63.9(d)
Notification of performance test	NA	NA	40 CFR 63.9(c)
Notification of opacity/VE observations	NA	NA	40 CFR 63.9(f)
Additional CMS notifications	NA	NA	40 CFR 63.9(g)
Notification of compliance status	NA	NA	40 CFR 63.9(h)
Notification of changes in information	NA	NA	40 CFR 63.9(j)
<b><i>Plans</i></b>			
SSM plan	NA	NA	NA
Performance test plan	NA	NA	40 CFR 63.7(c)(2)
CMS quality control plan	NA	NA	40 CFR 63.8(d)
CMS performance evaluation test plan	NA	NA	40 CFR 63.8(e)(3)
<b><i>Records</i></b>			
Information used to demonstrate compliance	§63.11423(b)	§63.11423(b)	40 CFR 63.10
<b><i>Reports</i></b>			
Semiannual monitoring reports	NA	NA	NA
Initial /repeat performance tests	NA	NA	40 CFR 63.7(e)(1) 40 CFR 63.6(h)(7)
Quality assurance test plan	NA	NA	40 CFR 63.7(c)
CMS performance evaluation/report	NA	NA	40 CFR 63.8(e)(5)
SSM reports	NA	NA	NA

Excess emissions reports	NA	NA	40 CFR 63.10(e) (3)
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**ATTACHMENT 1F. INFORMATION REQUIREMENTS--NESHAP FOR AREA SOURCES:  
WOOD PRESERVING**

<b>Requirement</b>	<b>Citation for existing sources</b>	<b>Citation for new sources</b>	<b>General Provisions citation</b>
<b><i>Monitoring</i></b>			
None	NA	NA	NA
<b><i>Notifications</i></b>			
Notification of applicability	Table 1 to Subpart QQQQQQ / §63.11430	Table 1 to Subpart QQQQQQ / §63.11430	40 CFR 63.9(a)(2)
Notification of construction/ reconstruction	NA	NA	40 CFR 63.9(b)(5)
Notification of special compliance requirements	NA	NA	40 CFR 63.9(d)
Notification of performance test	NA	NA	40 CFR 63.9(c)
Notification of opacity/VE observations	NA	NA	40 CFR 63.9(f)
Additional CMS notifications	NA	NA	40 CFR 63.9(g)
Notification of compliance status	Table 1 to Subpart QQQQQQ / §63.11430	Table 1 to Subpart QQQQQQ / §63.11430	40 CFR 63.9(h)
Notification of changes in information	NA	NA	40 CFR 63.9(j)
<b><i>Plans</i></b>			
SSM plan	NA	NA	40 CFR 63.6(e)(3)
Performance test plan	NA	NA	40 CFR 63.7(c)(2)
CMS quality control plan	NA	NA	40 CFR 63.8(d)
CMS performance evaluation test plan	NA	NA	40 CFR 63.8(e)(3)
<b><i>Records</i></b>			
Baghouse and monitoring information	NA	NA	40 CFR 63.10
<b><i>Reports</i></b>			
Reports of deviation	§63.11430	§63.11430	NA
Semiannual monitoring reports	NA	NA	NA
Initial /repeat performance tests	NA	NA	40 CFR 63.7(e)(1) 40 CFR 63.6(h)(7)
Quality assurance test plan	NA	NA	40 CFR 63.7(c)
CMS performance evaluation/report	NA	NA	40 CFR 63.8(e)(5)
SSM reports	NA	NA	40 CFR 63.6(e)(3)
Excess emissions reports	NA	NA	40 CFR 63.10(e)(3)