

Proposed collection of information for National Emission Standards for Hazardous Air Pollutants For Secondary Aluminum Production Residual Risk and Technology Review

EPA ICR No. 2400.01

Background

Section 112 (f)(2) of the Clean Air Act (CAA) directs the EPA to conduct risk assessments on each source category subject to maximum achievable control technology (MACT) standards. This is to determine if additional standards are needed to reduce residual risks.

This residual risk review is to be done within 8 years after a regulation is initially introduced.

These MACT standards are also required to be reviewed and revised by the EPA, as necessary, to take into account any developments in practices, processes and control technologies. This is to be done at least every 8 years.

The NESHAP for Secondary Aluminum Production was first brought into effect in 2000.

What does this proposed action do?

This action aims to obtain information on the secondary aluminum production source category for the EPA by soliciting a survey, under authority of the CAA, to all affected units. The survey will be administered electronically in an Excel spreadsheet format and will be sent to all companies that own or operate secondary aluminum manufacturing facilities.

This information is required so that the EPA can conduct risk assessments on each source category subject to maximum achievable control technology (MACT) standards. This is to determine if additional standards are needed to reduce residual risks.

Who is affected?

This action affects all those operating a secondary aluminum production facility. This includes any establishment using clean charge, aluminum scrap or dross from aluminum production as the raw material and performing one or more of the following processes:

- Scrap shredding
- Scrap drying/delacquering/decoating
- Thermal chip drying
- Furnace operations (i.e. melting, holding, sweating, refining, fluxing or alloying)

- Recovery of aluminum from dross
- In-line fluxing
- Dross cooling

A secondary aluminum production facility may be independent or part of a primary aluminum production facility.

The following facilities are NOT considered secondary aluminum production facilities for the purposes of this subpart IF the only materials they melt are clean charge, customer returns or internal scrap:

- Aluminum die casting
- Aluminum foundries
- Aluminum extrusion

What should those affected do?

In the absence of an industry data collection, the EPA would be forced to try and obtain permits, compliance reports and emissions test reports and extract information from these sources. This process of acquiring and mining data from existing reports would require more time than an industry data collection and would yield incomplete information.

Therefore, each owner/operator of each secondary aluminum production facility will be required to complete an electronic survey that contains several components.

Respondents that own or operate major sources of HAP will be required to complete the major source tab.

Respondents that own or operate areas sources of HAP will be required to complete the area source tab.

Respondents will be asked to supply:

- Plant schematics
- Title V permits
- Operating permits
- Permit applications
- Performance test reports
- Emission inventory reports
- Copies of consent decrees or orders affecting their plants
- Notices of operating violations
- Start-up, shut-down and malfunction plans
- Site specific operating, maintenance and monitoring plans.

Respondents will also be required to correct, update or complete a table of data for their plants for inclusion of the National Air Toxics Assessment (NATA) NEI.

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