

memorandum

DATE: August 22, 2002

REPLY TO:
ATTN OF: Office of Environmental Policy and Guidance: Boulos: 6-1306

SUBJECT: Proposed Clean Air Act Rule Related to Hazardous Air Pollutant Emission Standards for Surface Coating of Miscellaneous Metal Parts and Products, for Review and Comment

TO: Distribution

The purpose of this memorandum is to solicit comments from Department of Energy (DOE) program offices and field organizations on the Environmental Protection Agency's (EPA's) notice of proposed rulemaking, "National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products." The proposed rule (67 *FR* 52779; August 13, 2002) is available at the Office of Environmental Policy and Guidance (EH-41) Home Page at: <http://www.eh.doe.gov/oepa/rules/67/67fr52779.pdf>.

In this proposed rule, the EPA is amending 40 *CFR*, Chapter I, Part 63 by adding Subpart MMMM, "National Emission Standards for Hazardous Air Pollutants: Surface Coating of Miscellaneous Metal Parts and Products." The regulations propose national emission standards for hazardous air pollutants (NESHAP) for miscellaneous metal parts and products surface coating operations located at major sources of hazardous air pollutants (HAP). Surface coating is a process of applying a protective, decorative, or functional coating to a substrate, using, for example, spray guns or dip tanks. Coating materials include, but are not limited to, paints, stains, sealers, topcoats, basecoats, primers, inks, and adhesives. This Subpart also establishes requirements to demonstrate initial and continuous compliance with the emission limitations.

A facility that uses 250 gallons or more of coating materials would have to meet certain other criteria to be subject to the proposed rule: (i) the surface coating operations are a major source of emissions of HAP; (ii) the surface coating operations are located at a major source of HAP emissions; or (iii) the surface coating operations are part of a major source of emissions of HAP.

The proposed rule would apply to: (i) general use coating operations; (ii) magnet wire coating operations; and (iii) rubber-to-metal coating operations. The proposed rule would also apply to the surface coating of the plastic contained in parts and products that are pre-assembled from plastic and metal components, where greater than 50 percent of the coatings are applied to the metal surfaces, and where the surface coating of the metal surfaces is subject to the proposed rule. The proposed rule would affect about 1500 facilities nationwide with miscellaneous metal parts and products surface coating operations.

The proposed rule does not apply to:

1. Surface coating conducted at a source that uses only coatings, thinners, and cleaning materials that contain no organic HAP; or
2. Surface coating subject to any other NESHAP in 40 *CFR* Part 63 as of the date of publication of the final Subpart MMMM Rule in the *Federal Register*; or
3. Surface coating that occurs at research or laboratory facilities, that is part of janitorial, building, and facility maintenance operations, or that occurs at hobby shops operated for noncommercial purposes; or
4. For the purpose of this Subpart, the extrusion of a plastic covering onto metal wire or cable is not considered to be a surface coating operation; or
5. For the purpose of this Subpart, coatings used in volumes of less than 50 gallons per year, provided that the total volume of coatings under this exemption does not exceed 250 gallons per year at the facility.

The proposed emission standards can be met as follows: (i) use coatings that have been reformulated to reduce the air toxics content, (ii) upgrade or install new capture-and-control systems to reduce emissions of HAP, or (iii) use any combination of (i) and (ii).

Please submit your comments by October 1, 2002, to Mr. Emile Boulos of my staff at: emile.boulos@eh.doe.gov; 202-586-1306. In developing comments, please indicate the specific page and section of the preamble of the *Federal Register* to which each comment pertains. Also, to assist us in our regulatory tracking activities, we ask that you notify Mr. Boulos if a DOE source under your responsibility would be subject to these regulations. Questions or concerns regarding this memorandum should be directed to Mr. Boulos.



Andy Lawrence
Director
Office of Environmental Policy and Guidance