

- Surface coating of metal components of wood furniture that meet the applicability criteria for wood furniture manufacturing (40 CFR part 63, subpart JJ).
- Surface coating of metal components of large appliances that meet the applicability criteria for large appliance surface coating (40 CFR part 63, subpart NNNN).
- Surface coating of metal components of metal furniture that meet the applicability criteria for metal furniture surface coating (40 CFR part 63, subpart RRRR; 68 FR 28606, May 23, 2003).
- Surface coating of metal components of wood building products that meet the applicability criteria for wood building products surface coating (40 CFR part 63, subpart QQQQ; 68 FR 31746, May 28, 2003).
- Surface coating of metal components of aerospace vehicles that meet the applicability criteria for aerospace manufacturing and rework (40 CFR part 63, subpart GG).
- The application of specialty coatings defined in appendix A to 40 CFR part 63, subpart GG to a metal aerospace vehicle or component.
- Surface coating of metal components of ships that meet the applicability criteria for shipbuilding and ship repair (40 CFR part 63, subpart II).
- Surface coating of metal using a web coating process that meets the applicability criteria for paper and other web coating (40 CFR part 63, subpart JJJJ).
- Surface coating of metal using a coil coating process that meets the applicability criteria for metal coil coating (40 CFR part 63, subpart SSSS).
- Surface coating of boats or metal parts of boats (including, but not limited to, the use of assembly adhesives) where the facility meets the applicability criteria for boat manufacturing facilities in the NESHAP for boat manufacturing (40 CFR part 63, subpart VVVV), except where the surface coating of the boat is a metal coating operation performed on personal watercraft or parts of personal watercraft.
- Surface coating of assembled on-road vehicles that meet the applicability criteria for the assembled on-road vehicle subcategory in the NESHAP for the surface coating of plastic parts and products (40 CFR part 63, subpart PPPP).
- Surface coating of metal components of automobiles and light-duty trucks that meet the applicability criteria for automobiles and light-duty trucks surface coating (40 CFR part 63,

subpart IIII (scheduled for promulgation in February 2004).

If you perform surface coating of metal parts or products that meet the applicability criteria for both the Automobiles and Light-Duty Trucks NESHAP (40 CFR part 63, subpart IIII (scheduled for promulgation in February 2004) and these NESHAP, then you may comply with the requirements of the automobiles and light-duty trucks NESHAP for the surface coating of all your metal parts used in automobile or light-duty truck manufacturing in lieu of complying with each subpart separately.

The final rule contains five subcategories: General use coating, high performance coating, magnet wire coating, rubber-to-metal coating, and extreme performance fluoropolymer coating. The general use subcategory includes all surface coating operations in the miscellaneous metal parts and products source category that are not included in the other four subcategories. This includes operations that coat a wide variety of substrates, surfaces, and types of miscellaneous metal parts and products. It also includes asphalt/coal tar application to metal pipes. High performance coating is any coating that meets the definition of "high performance architectural coating" or "high temperature coating." Magnet wire coatings, commonly referred to as magnet wire enamels, are applied to a continuous strand of wire which will be used to make turns (windings) in electrical devices such as coils, transformers, or motors. Magnet wire coatings provide high dielectric strength and turn-to-turn conductor insulation. This allows the turns of an electrical device to be placed in close proximity to one another which leads to increased coil effectiveness and electrical efficiency. Rubber-to-metal coating is any coating that contains heat-activated polymer systems in either solvent or water that, when applied to metal substrates, dries to a non-tacky surface and reacts chemically with the rubber and metal during a vulcanization process. Extreme performance fluoropolymer coating is a coating based on fluoropolymer resins that typically meets one or more performance criteria that include a nonstick low-energy surface, dry film lubrication, high resistance to chemical attack, extremely wide operating temperature, high electrical insulating properties, or that complies with government or third party specifications for health, safety, reliability, or performance. Each subcategory consists of all coating operations, including associated surface preparation, equipment cleaning, mixing, storage, and waste handling.

B. What Is the Relationship to Other Rules?

Affected sources that meet the applicability criteria in the final miscellaneous metal parts and products rule may also meet the applicability criteria of other coating NESHAP. For example, some facilities that coat plastic and metal parts using the same or different coatings, coating application processes, and conveyance equipment, either simultaneously or at alternative times could be subject to both the Miscellaneous Metal Parts and Products Surface Coating NESHAP and the Plastic Parts and Products Surface Coating NESHAP (40 CFR part 63, subpart PPPP).

In the final rule, we have minimized the burden of complying with multiple surface coating emission limits by offering two alternatives to complying separately with each applicable emission limit. The first alternative allows a facility to have all applicable surface coating operations comply with the emission limit that represents the predominant type of coating activity at that facility. Predominant activity means the coating activity that represents 90 percent or more of the surface coating activities at a facility. For example, if a facility is subject to both the Plastic Parts and Miscellaneous Metal Parts NESHAP and the activities subject to the Miscellaneous Metal Parts NESHAP account for 90 percent or more of the surface coating activity at the facility, then the facility may comply with the emission limitations for miscellaneous metal parts and products for both types of surface coating operations.

The predominant activity alternative may be applied if 90 percent or more of the surface coating is in the general use or magnet wire coating subcategory; however, this alternative is not available where high performance, rubber-to-metal, or extreme performance fluoropolymer coating represents the predominant activity. The emission limits for those three subcategories reflect specialized performance requirements and the need for higher HAP-containing materials. It would not be appropriate to apply emission limits specifically developed for unique performance characteristics to other types of coatings.

You must include all surface coating activities that meet the applicability criteria of a subcategory in a surface coating NESHAP and constitute more than 1 percent of total coating activities. Coating activities that meet the applicability criteria of a subcategory in a surface coating NESHAP but comprise