

AEROSPACE MANUFACTURING AND REWORK

Standard Applicability

Affected Sources

- The Aerospace MACT applies to affected sources that are major sources of HAP and to affected sources that are located at major sources of HAP
- The Aerospace MACT applies to the following affected sources:
 - Cleaning operations
 - Primer and topcoat application operations
 - Depainting operations,
 - Chemical milling maskant application operations, and,
 - Handling and storage of waste.

Regulated Activities

- The activities subject to the Aerospace MACT are limited to the manufacture or rework of aerospace vehicles or components, except for the requirements pertaining to cleaning solvents. "Aerospace vehicle or component" is defined as follows:
 - Any fabricated part, processed part, assembly of parts, or completed unit, with the exception of electronic components, of any aircraft including but not limited to airplanes, helicopters, missiles, rockets, and space vehicles.

Because of this definition, the coverage of this MACT may go beyond the sources listed.

As an example, if a fiberglass or plastics fabrication company contracts to make fuel tanks for a airplane manufacturer and it is a major source, it would be regulated under this MACT standard. This type of source wouldn't be identified through the SIC Codes used to make the attached list.

Exemptions

- The Aerospace MACT does not apply to the following:
 - Chemical milling, metal finishing, electrodeposition, composites processing, electronic parts and assemblies, manufacture of aircraft transparencies and wastewater operations at aerospace facilities (except for those activities involving painting, cleaning and topcoating, cleaning and coating of composite parts or components as well as composite tooling),
 - Parts and assemblies not critical to the vehicles structural integrity or performance or to vehicles that are designed to travel beyond the earth's atmosphere,
 - Primers, topcoats, chemical milling maskants, strippers and cleaning solvents containing HAP or VOC at a concentration less than 0.1% for carcinogens or 1.0 % for noncarcinogens,
 - The requirements for primers, topcoats and chemical milling maskants do not apply to low-volume coatings for which the annual total of each separate formulation used at a facility does not exceed 50 gal. and the combined annual

total of all such primers topcoats and chemical maskants used at a facility does not exceed 200 gal.,

Permitting Requirements

- Affected sources that are major sources or that are located at major sources of HAP must apply for an operating permit.
 - Area sources are exempt from the Class I permitting requirements.

Compliance Dates

• Initial Notification Report	September 1, 1997
• Compliance deadline	September 1, 1998 for existing sources September 1, 1998 or upon start-up for new sources
• Compliance Status Reports	Requirements depend on the Affected Source. Ranges from semiannual to annual. See Summary that follows.