ENVIRONMENTAL PROTECTION AGENCY

40 CFR Parts 9 and 63

[AD-FRL-5115-7]

RIN 2060-AC14

National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks

AGENCY: Environmental Protection Agency (EPA). **ACTION:** Final rule.

SUMMARY: Pursuant to section 112 of the Clean Air Act as amended in 1990 (the Act), this action promulgates final standards that limit the discharge of chromium compound air emissions from existing and new hard chromium electroplating, decorative chromium electroplating, and chromium anodizing tanks at major and area sources. Chromium compounds are among the 189 hazardous air pollutants (HAP) listed for regulation under section 112 of the Act. Hard and decorative chromium electroplating and chromium anodizing tanks have been identified by the EPA as significant emitters of chromium compounds to the atmosphere. The purpose of the final rule is to reduce chromium compound air emissions from the source categories identified above. All affected sources must limit emissions to the level of the maximum achievable control technology (MACT). The EPA is also finalizing Methods 306, 306A, and 306B with these standards.

DATES: Effective Date: January 25, 1995. Incorporation by Reference. The incorporation by reference of certain publications in this standard is approved by the Director of the Office of the Federal Register as of January 25, 1995.

Judicial Review. Under section 307(b)(1) of the Act, judicial review of national emission standards for hazardous air pollutants (NESHAP) is available only by filing a petition for review in the U.S. Court of Appeals for the District of Columbia Circuit within 60 days of today's publication of this final rule. Under section 307(b)(2) of the Act, the requirements that are the subject of today's notice may not be challenged later in civil or criminal proceedings brought by the EPA to enforce these requirements.

ADDRESSES: Docket. Docket No. A–88–02, containing information considered by the EPA in developing the promulgated NESHAP for hard and decorative chromium electroplating and

chromium anodizing tanks is available for public inspection and copying between 8 a.m. and 5:30 p.m., Monday through Friday, except for Federal holidays, at the EPA's Air and Radiation Docket and Information Center, Room M1500, U. S. Environmental Protection Agency, 401 M Street, SW., Washington, DC 20460; telephone (202) 260–7548. A reasonable fee may be charged for copying.

Background Information Document. A background information document (BID) for the promulgated NESHAP may be obtained from the docket; the U.S. EPA Library (MD-35), Research Triangle Park, North Carolina 27711, telephone (919) 541-2777; or from National Technical Information Services, 5285 Port Royal Road, Springfield, Virginia 22161, telephone (703) 487-4650. Please refer to "Chromium Emissions from **Chromium Electroplating and Chromic** Acid Anodizing Operations-**Background Information for** Promulgated Standards" (EPA-453/R-94-082b). The BID contains a summary of the public comments made on the proposed standards and EPA responses to the comments.

FOR FURTHER INFORMATION CONTACT: Mr. Lalit Banker of the Emission Standards Division (MD–13), U. S. Environmental Protection Agency, Research Triangle Park, North Carolina 27711; telephone (919) 541–5420.

SUPPLEMENTARY INFORMATION: The information presented in this preamble is organized as follows:

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I. Background

Section 112(b) of the Act lists 189 HAP and requires the EPA to establish national emission standards for all major sources and some area sources of those HAP. Among the listed pollutants are chromium compounds. On July 16, 1992 (57 FR 31576), the EPA published a list of major and area sources for which NESHAP are to be promulgated and on December 3, 1993 (58 FR 83941), the EPA published a schedule for promulgation of those standards. The hard and decorative chromium electroplating and chromium anodizing source categories are included in the list of major and area sources for which the EPA is to establish national emission standards by November 1994.

This NESHAP was proposed in the **Federal Register** on December 16, 1993 (58 FR 65768). A public hearing on this rule was conducted on January 20, 1994. In addition, 62 letters commenting on the proposed rule were received during the public comment period, and 3 late comments were received.

II. Summary

A. Summary of Promulgated Standards

The final rule applies to major and area sources performing hard chromium electroplating, decorative chromium electroplating, and chromium anodizing. The affected source is each chromium electroplating or chromium anodizing tank. The emission limitations for each of these source categories are summarized in Table 1. These emission limitations apply only during tank operation, including periods of startup and shutdown. The emission limitation for all new hard chromium electroplating tanks, and for existing hard chromium electroplating tanks that are located at large, hard chromium electroplating facilities is based on the use of a composite meshpad system. The emission limitation for existing hard chromium electroplating tanks located at small, hard chromium electroplating facilities is based on the use of a packed-bed scrubber. For all existing and new sources performing decorative chromium electroplating and all existing and new sources performing chromium anodizing, the standard is based on the use of fume suppressants. Even though these technologies formed the bases for the standards, any technology can be used as long as it is demonstrated to meet the prescribed emission limitation. All area and major sources must limit emissions to the level of the maximum achievable control technology (MACT).