

ENVIRONMENTAL PROTECTION AGENCY**40 CFR Part 63**

[OAR 2002-0083; FRL-7460-2]

RIN 2060-AE48

National Emission Standards for Hazardous Air Pollutants: Integrated Iron and Steel Manufacturing**AGENCY:** Environmental Protection Agency (EPA).**ACTION:** Final rule.

SUMMARY: This action promulgates national emission standards for hazardous air pollutants (NESHAP) for integrated iron and steel manufacturing facilities. The final standards establish emission limitations for hazardous air pollutants (HAP) emitted from new and existing sinter plants, blast furnaces,

and basic oxygen process furnace (BOPF) shops. The final standards will implement section 112(d) of the Clean Air Act (CAA) by requiring all major sources to meet HAP emission standards reflecting application of the maximum achievable control technology (MACT).

The HAP emitted by integrated iron and steel manufacturing facilities include metals (primarily manganese and lead with small quantities of other metals) and trace amounts of organic HAP (such as polycyclic organic matter, benzene, and carbon disulfide). Exposure to these substances has been demonstrated to cause adverse health effects, including chronic and acute disorders of the blood, heart, kidneys, reproductive system, and central nervous system.

EFFECTIVE DATE: May 20, 2003. The incorporation by reference of certain

publications listed in the final rule is approved by the Director of the Federal Register as of May 20, 2003.

ADDRESSES: *Docket.* The official public docket is the collection of materials used in developing the final rule and is available for public viewing at the EPA Docket Center (EPA/DC), EPA West, Room B102, 1301 Constitution Ave., NW., Washington, DC 20004.

FOR FURTHER INFORMATION CONTACT: Phil Mulrine, Metals Group (C439-02), Emission Standards Division, U.S. EPA, Research Triangle Park, NC 27711, telephone number (919) 541-5289, electronic mail (e-mail) address, mulrine.phil@epa.gov.

SUPPLEMENTARY INFORMATION:

Regulated Entities. Categories and entities potentially regulated by this action include:

Category	NAICS code*	Example of regulated entities
Industry	331111	Integrated iron and steel mills, steel companies, sinter plants, blast furnaces, BOPF shops.
Federal government	Not affected.
State/local/tribal government	Not affected.

* North American Industry Classification System.

This table is not intended to be exhaustive, but rather provides a guide for readers regarding entities likely to be regulated by this action. To determine whether your facility is regulated by this action, you should examine the applicability criteria in § 63.7781 of the final rule. If you have any questions regarding the applicability of this action to a particular entity, consult the person listed in the preceding **FOR FURTHER INFORMATION CONTACT** section. *Docket.* The EPA has established an official public docket for this action under Docket ID No. OAR-2002-0083. The official public docket consists of the documents specifically referenced in this action, any public comments received, and other information related to this action. Although a part of the official docket, the public docket does not include Confidential Business Information or other information whose disclosure is restricted by statute. The official public docket is the collection of materials that is available for public viewing at the Air Docket in the EPA Docket Center (EPA/DC), EPA West, Room B102, 1301 Constitution Ave., NW., Washington, DC. The EPA Docket Center Public Reading Room is open from 8:30 a.m. to 4:30 p.m., Monday through Friday, excluding legal holidays. The telephone number for the Reading Room is (202) 566-1744, and

the telephone number for the Air Docket is (202) 566-1742. *Electronic Docket Access.* You may access the final rule electronically through the EPA Internet under the “**Federal Register**” listings at <http://www.epa.gov/fedrgstr/>.

An electronic version of the public docket is available through EPA’s electronic public docket and comment system, EPA Dockets. You may use EPA Dockets at <http://www.epa.gov/edocket/> to view public comments, access the index listing of the contents of the official public docket, and to access those documents in the public docket that are available electronically. Although not all docket materials may be available electronically, you may still access any of the publicly available docket materials through the docket facility in the above paragraph entitled “Docket.” Once in the system, select “search,” then key in the appropriate docket identification number. *Worldwide Web (WWW).* In addition to being available in the docket, an electronic copy of the final rule will also be available on the WWW through the Technology Transfer Network (TTN). Following signature, a copy of the final rule will be placed on the TTN’s policy and guidance page for newly proposed or promulgated rules at <http://www.epa.gov/ttn/oarpg>. The TTN provides information and technology

exchange in various areas of air pollution control. If more information regarding the TTN is needed, call the TTN HELP line at (919) 541-5384.

Judicial Review. This action constitutes final administrative action on the proposed NESHAP for integrated iron and steel manufacturing facilities (66 FR 36836, July 13, 2001). Under CAA section 307(b)(1), judicial review of the final rule is available only by filing a petition for review in the U.S. Court of Appeals for the District of Columbia Circuit by July 21, 2003. Under CAA section 307(b)(2), the requirements that are the subject of this document may not be challenged later in civil or criminal proceedings brought by the EPA to enforce these requirements.

Outline. The information presented in this preamble is organized as follows:

- I. Background
- II. Summary of Final Rule
 - A. Who must comply with the final rule?
 - B. What are the affected sources and emission points?
 - C. What are the emission limitations?
 - D. What are the operation and maintenance requirements?
 - E. What are the general compliance requirements?
 - F. What are the initial compliance requirements?
 - G. What are the continuous compliance requirements?