

Environmental Protection Agency

§ 63.1595

identification of each point of emission for each HAP, or if a definitive identification is not yet possible, a preliminary identification of each point of emission for each HAP.

(c) You must notify the Administrator if your data show that you are no longer in continuous compliance.

[64 FR 57579, Oct. 26, 1999, as amended at 67 FR 64746, Oct. 21, 2002]

§ 63.1592 Which General Provisions apply to my POTW treatment plant?

(a) Table 1 to this subpart lists the General Provisions (40 CFR part 63, subpart A) which do and do not apply to POTW treatment plants.

(b) Unless a permit is otherwise required by law, the owner or operator of an industrial POTW which is not a major source is exempt from the permitting requirements established by 40 CFR part 70.

[67 FR 64746, Oct. 21, 2002]

§ 63.1594 Who enforces this subpart?

(a) This subpart can be implemented and enforced by the U.S. EPA, or a delegated authority such as the applicable State, local, or Tribal agency. If the U.S. EPA Administrator has delegated authority to a State, local, or Tribal agency, then that agency, in addition to the U.S. EPA, has the authority to implement and enforce this subpart. Contact the applicable U.S. EPA Regional Office to find out if implementation and enforcement of this subpart is delegated to a State, local, or Tribal agency.

(b) In delegating implementation and enforcement authority of this subpart to a State, local, or Tribal agency under subpart E of this part, the authorities contained in paragraph (c) of this section are retained by the Administrator of U.S. EPA and cannot be transferred to the State, local, or Tribal agency.

(c) The authorities that cannot be delegated to State, local, or Tribal agencies are as specified in paragraphs (c)(1) through (4) of this section.

(1) Approval of alternatives to the requirements in §§ 63.1580, 63.1583 through 63.1584, and 63.1586 through 63.1587.

(2) Approval of major alternatives to test methods under § 63.7(e)(2)(ii) and

(f), as defined in § 63.90, and as required in this subpart.

(3) Approval of major alternatives to monitoring under § 63.8(f), as defined in § 63.90, and as required in this subpart.

(4) Approval of major alternatives to recordkeeping and reporting under § 63.10(f), as defined in § 63.90, and as required in this subpart.

[68 FR 37360, June 23, 2003]

§ 63.1595 List of definitions.

Affected source means the group of all equipment that comprise the POTW treatment plant.

Area source means any stationary source of HAP that is not a major source.

Cover means a device that prevents or reduces air pollutant emissions to the atmosphere by forming a continuous barrier over the waste material managed in a treatment unit. A cover may have openings (such as access hatches, sampling ports, gauge wells) that are necessary for operation, inspection, maintenance, and repair of the treatment unit on which the cover is used. A cover may be a separate piece of equipment which can be detached and removed from the treatment unit, or a cover may be formed by structural features permanently integrated into the design of the treatment unit. The cover and its closure devices must be made of suitable materials that will minimize exposure of the waste material to the atmosphere, to the extent practical, and will maintain the integrity of the cover and its closure devices throughout its intended service life.

Fraction emitted means the fraction of the mass of HAP entering the POTW wastewater treatment plant which is emitted prior to secondary treatment. The value is calculated using the following steps:

(1) Determine mass emissions from all equipment up to, but not including, secondary treatment for each HAP listed in Table 1 to subpart DD of this part;

(2) Sum the HAP emissions (ΣE);

(3) Sum the HAP mass loadings (ΣL) in the influent to the POTW wastewater treatment plant; and

(4) Calculate the fraction emitted (f_e monthly) using f_e monthly = $\Sigma E / \Sigma L$.

HAP means hazardous air pollutant(s).

Industrial POTW means a POTW that accepts a waste stream regulated by an industrial NESHAP and provides treatment and controls as an agent for the industrial discharger. The industrial discharger complies with its NESHAP by using the treatment and controls located at the POTW. For example, an industry discharges its benzene-containing waste stream to the POTW for treatment to comply with 40 CFR part 61, Subpart FF—National Emission Standard for Benzene Waste Operations. This definition does not include POTW treating waste streams not specifically regulated under another NESHAP.

Industrial user means a nondomestic source introducing any pollutant or combination of pollutants into a POTW. Industrial users can be commercial or industrial facilities whose wastes enter local sewers.

Non-industrial POTW means a POTW that does not meet the definition of an industrial POTW as defined above.

Publicly owned treatment works (POTW) means a treatment works, as that term is defined by section 112(e)(5) of the Clean Air Act, which is owned by a municipality (as defined by section 502(4) of the Clean Water Act), a State, an intermunicipal or interstate agency, or any department, agency, or instrumentality of the Federal Government. This definition includes any intercepting sewers, outfall sewers, sewage collection systems, pumping, power, and other equipment. The wastewater treated by these facilities is generated by industrial, commercial, and domestic sources. As used in this regulation, the term POTW refers to both any publicly owned treatment works which is owned by a State, municipality, or intermunicipal or interstate agency and therefore eligible to receive grant

assistance under the Subchapter II of the Clean Water Act, and any federally owned treatment works as that term is described in section 3023 of the Solid Waste Disposal Act.

POTW treatment plant means that portion of the POTW which is designed to provide treatment (including recycling and reclamation) of municipal sewage and industrial waste.

Reconstruction means the replacement of components of an affected or a previously unaffected stationary source such that:

(1) The fixed capital cost of the new components exceeds 50 percent of the fixed capital cost that would be required to construct a comparable new source; and

(2) It is technologically and economically feasible for the reconstructed source to meet the relevant standard(s) established by the Administrator (or a State) pursuant to section 112 of the Act. Upon reconstruction, an affected source, or a stationary source that becomes an affected source, is subject to relevant standards for new sources, including compliance dates, irrespective of any change in emissions of HAP from that source.

Secondary treatment means treatment processes, typically biological, designed to reduce the concentrations of dissolved and colloidal organic matter in wastewater.

Waste and wastewater means a material, or spent or used water or waste, generated from residential, industrial, commercial, mining, or agricultural operations or from community activities that contain dissolved or suspended matter, and that is discarded, discharged, or is being accumulated, stored, or physically, chemically, thermally, or biologically treated in a publicly owned treatment works.

[64 FR 57579, Oct. 26, 1999 as amended at 66 FR 16142, Mar. 23, 2001]

TABLE 1 TO SUBPART VVV OF PART 63—APPLICABILITY OF 40 CFR PART 63 GENERAL PROVISIONS TO SUBPART VVV

General provisions reference	Applicable to subpart VVV	Explanation
§ 63.1	APPLICABILITY.
§ 63.1(a)(1)	Yes	Terms defined in the Clean Air Act.
§ 63.1(a)(2)	Yes	General applicability explanation.

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General provisions reference	Applicable to subpart VVV	Explanation
§ 63.1(a)(3)	Yes	Cannot diminish a stricter NESHAP.
§ 63.1(a)(4)	Yes	Not repetitive. Doesn't apply to section 112(r).
§ 63.1(a)(5)	Yes	Section reserved.
§ 63.1(a)(6)–(8)	Yes	Contacts and authorities.
§ 63.1(a)(9)	Yes	Section reserved.
§ 63.1(a)(10)	Yes	Time period definition.
§ 63.1(a)(11)	Yes	Postmark explanation.
§ 63.1(a)(12)–(14)	Yes	Time period changes. Regulation conflict. Force and effect of subpart A.
§ 63.1(b)(1)	Yes	Initial applicability determination of subpart A.
§ 63.1(b)(2)	Yes	Operating permits by States.
§ 63.1(b)(3)	No	Subpart VVV specifies recordkeeping of records of applicability determination.
§ 63.1(c)(1)	Yes	Requires compliance with both subpart A and subpart VVV.
§ 63.1(c)(2)(i)	No	State options regarding title V permit. Unless required by the State, area sources subject to subpart VVV are exempted from permitting requirements.
§ 63.1(c)(2)(ii)–(iii)	No	State options regarding title V permit.
§ 63.1(c)(3)	Yes	Section reserved.
§ 63.1(c)(4)	Yes	Extension of compliance.
§ 63.1(c)(5)	No	Subpart VVV addresses area sources becoming major due to increase in emissions.
§ 63.1(d)	Yes	Section reserved.
§ 63.1(e)	Yes	Title V permit before a relevant standard is established.
§ 63.2	Yes	DEFINITIONS.
§ 63.3	Yes	UNITS AND ABBREVIATIONS.
§ 63.4	Yes	PROHIBITED ACTIVITIES AND CIRCUMVENTION.
§ 63.4(a)(1)–(3)	Yes	Prohibits operation in violation of subpart A.
§ 63.4(a)(4)	Yes	Section reserved.
§ 63.4(a)(5)	Yes	Compliance dates.
§ 63.4(b)	Yes	Circumvention.
§ 63.4(c)	Yes	Severability.
§ 63.5	Yes	CONSTRUCTION AND RECONSTRUCTION.
§ 63.5(a)(1)	Yes	Construction and reconstruction.
§ 63.5(a)(2)	Yes	New source—effective dates.
§ 63.5(b)(1)	Yes	New sources subject to relevant standards.
§ 63.5(b)(2)	Yes	Section reserved.
§ 63.5(b)(3)	Yes	No new major sources without Administrator approval.
§ 63.5(b)(4)	Yes	New major source notification.
§ 63.5(b)(5)	Yes	New major sources must comply.
§ 63.5(b)(6)	Yes	New equipment added considered part of major source.
§ 63.5(c)	Yes	Section reserved.
§ 63.5(d)(1)	Yes	Implementation of section 112(l)(2)—application of approval of new source construction.
§ 63.5(d)(2)	Yes	Application for approval of construction for new sources listing and describing planned air pollution control system.
§ 63.5(d)(3)	Yes	Application for reconstruction.
§ 63.5(d)(4)	Yes	Administrator may request additional information.
§ 63.5(e)	Yes	Approval of reconstruction.
§ 63.5(f)(1)	Yes	Approval based on State review.
§ 63.5(f)(2)	Yes	Application deadline.
§ 63.6	Yes	COMPLIANCE WITH STANDARDS AND MAINTENANCE REQUIREMENTS.
§ 63.6(a)	Yes	Applicability of compliance with standards and maintenance requirements.
§ 63.6(b)	Yes	Compliance dates for new and reconstructed sources.
§ 63.6(c)	Yes	Compliance dates for existing sources apply to existing industrial POTW treatment plants.
§ 63.6(d)	Yes	Section reserved.
§ 63.6(e)	Yes	Operation and maintenance requirements apply to new sources.
§ 63.6(f)	Yes	Compliance with non-opacity emission standards applies to new sources.
§ 63.6(g)	Yes	Use of alternative non-opacity emission standards applies to new sources.
§ 63.6(h)	No	POTW treatment plants do not typically have visible emissions.
§ 63.6(i)	Yes	Extension of compliance with emission standards applies to new sources.
§ 63.6(j)	Yes	Presidential exemption from compliance with emission standards.

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General provisions reference	Applicable to subpart VVV	Explanation
§ 63.7		PERFORMANCE TESTING REQUIREMENTS.
§ 63.7(a)	Yes	Performance testing is required for new sources.
§ 63.7(b)	Yes	New sources must notify the Administrator of intention to conduct performance testing.
§ 63.7(c)	Yes	New sources must comply with quality assurance program requirements.
§ 63.7(d)	Yes	New sources must provide performance testing facilities at the request of the Administrator.
§ 63.7(e)	Yes	Requirements for conducting performance tests apply to new sources.
§ 63.7(f)	Yes	New sources may use an alternative test method.
§ 63.7(g)	Yes	Requirements for data analysis, recordkeeping, and reporting associated with performance testing apply to new sources.
§ 63.7(h)	Yes	New sources may request a waiver of performance tests.
§ 63.8		MONITORING REQUIREMENTS.
§ 63.8(a)	Yes	Applicability of monitoring requirements.
§ 63.8(b)	Yes	Monitoring shall be conducted by new sources.
§ 63.8(c)	Yes	New sources shall operate and maintain continuous monitoring systems (CMS).
§ 63.8(d)	Yes	New sources must develop and implement a CMS quality control program.
§ 63.8(e)	Yes	New sources may be required to conduct a performance evaluation of CMS.
§ 63.8(f)	Yes	New sources may use an alternative monitoring method.
§ 63.8(g)	Yes	Requirements for reduction of monitoring data.
§ 63.9		NOTIFICATION REQUIREMENTS.
§ 63.9(a)	Yes	Applicability of notification requirements.
§ 63.9(b)	Yes	Applicability of notification requirements. Existing major non-industrial POTW treatment plants, and existing and new or reconstructed area non-industrial POTW treatment plants are not subject to the notification requirements.
§ 63.9(c)	Yes	Request for extension of compliance with subpart VVV.
§ 63.9(d)	Yes	Notification that source is subject to special compliance requirements as specified in § 63.6(b)(3) and (4).
§ 63.9(e)	Yes	Notification of performance test.
§ 63.9(f)	No	POTW treatment plants do not typically have visible emissions.
§ 63.9(g)	Yes	Additional notification requirements for sources with continuous emission monitoring systems.
§ 63.9(h)	Yes	Notification of compliance status when the source becomes subject to subpart VVV.
§ 63.9(i)	Yes	Adjustments to time periods or postmark deadlines or submittal and review of required communications.
§ 63.9(j)	Yes	Change of information already provided to the Administrator.
§ 63.10		RECORDKEEPING AND REPORTING REQUIREMENTS.
§ 63.10(a)	Yes	Applicability of notification and reporting requirements.
§ 63.10(b)(1)-(2)	Yes	General recordkeeping requirements.
§ 63.10(b)(3)	No	Recording requirement for applicability determination.
§ 63.10(c)	Yes	Additional recordkeeping requirements for sources with continuous monitoring systems.
§ 63.10(d)	Yes	General reporting requirements.
§ 63.10(e)	Yes	Additional reporting requirements for sources with continuous monitoring systems.
§ 63.10(f)	Yes	Waiver of recordkeeping and reporting requirements.
§ 63.11		FLARES AS A CONTROL DEVICE.
§ 63.11(a) and (b)	Yes	If a new source uses flares to comply with the requirements of subpart VVV, the requirements of § 63.11 apply.
§ 63.12	Yes	STATE AUTHORITY AND DESIGNATION.
§ 63.13	Yes	ADDRESSES OF STATE AIR POLLUTION CONTROL AGENCIES AND EPA REGIONAL OFFICES.
§ 63.14	Yes	INCORPORATION BY REFERENCE.
§ 63.15	Yes	AVAILABILITY OF INFORMATION AND CONFIDENTIALITY.

[64 FR 57579, Oct. 26, 1999 as amended at 66 FR 16142, Mar. 23, 2001; 67 FR 64746, Oct. 21, 2002]

Subpart WWW [Reserved]

Subpart XXX—National Emission Standards for Hazardous Air Pollutants for Ferroalloys Production: Ferromanganese and Silicomanganese

SOURCE: 64 FR 27458, May 20, 1999, unless otherwise noted.

§§ 63.1620–63.1649 [Reserved]

§ 63.1650 Applicability and compliance dates.

(a) This subpart applies to all new and existing ferromanganese and silicomanganese production facilities that manufacture ferromanganese or silicomanganese and are major sources or are co-located at major sources of hazardous air pollutant emissions.

(b) The following sources at a ferromanganese and silicomanganese production facility are subject to this subpart:

(1) Open submerged arc furnaces with a furnace power input of 22 MW or less when producing ferromanganese.

(2) Open submerged arc furnaces with a furnace power input greater than 22 MW when producing ferromanganese.

(3) Open submerged arc furnaces with a furnace power input greater than 25 MW when producing silicomanganese.

(4) Open submerged arc furnaces with a furnace power input of 25 MW or less when producing silicomanganese.

(5) Semi-sealed submerged arc furnaces when producing ferromanganese.

(6) Metal oxygen refining (MOR) process.

(7) Crushing and screening operations.

(8) Fugitive dust sources.

(c) A new affected source is one for which construction or reconstruction commenced after August 4, 1998.

(d) The following table specifies which provisions of subpart A of this part apply to owners and operators of ferromanganese and silicomanganese production facilities subject to this subpart:

GENERAL PROVISIONS APPLICABILITY TO SUBPART XXX

Reference, Subpart A General Provisions	Applies to Subpart XXX, §§ 63.1620–63.1679	Comment
63.1–63.5	Yes.	
63.6(a)–(g), (i)–(j)	Yes.	
63.6(h)(1)–(h)(6), (h)(8)–(h)(9)	Yes.	
63.7(h)(7)	No	§ 63.6(h)(7), use of continuous opacity monitoring system, not applicable.
63.7	Yes.	
63.8	Yes.	
63.9	Yes	Notification of performance test results changed to a 30-day notification period.
63.10	Yes	Allow changes in dates by which periodic reports are submitted by mutual agreement between the owner or operator and the State to occur any time after the source's compliance date.
63.11	No	Flares will not be used to comply with the emission limits.
63.12–63.15	Yes.	

(e) *Compliance dates.* (1) Each owner or operator of an existing affected source must comply with the requirements of this subpart no later than November 21, 2001.

(2) Each owner or operator of a new or reconstructed affected source that commences construction or reconstruction after August 4, 1998, must comply with the requirements of this subpart

by May 20, 1999 or upon startup of operations, whichever is later.

[64 FR 27458, May 20, 1999, as amended at 66 FR 16012, Mar. 22, 2001]

§ 63.1651 Definitions.

Terms in this subpart are defined in the Clean Air Act (Act), in subpart A of this part, or in this section as follows:

Bag leak detection system means a system that is capable of continuously