

§63.11397

40 CFR Ch. I (7-1-08 Edition)

(3) You must reduce AN emissions from the spinning line to less than or equal to 0.5 pounds of AN per ton (lb/ton) of acrylic and modacrylic fiber produced.

(c) You must comply with the requirements for storage vessels holding acrylonitrile as shown in Table 2 to §63.1103(b)(3)(i) of subpart YY.

(d) You must comply with the requirements for equipment that contains or contacts 10 percent by weight or more of AN and operates 300 hours per year as shown in Table 2 to §63.1103(b)(3)(i) of subpart YY.

(e) You must comply with the requirements for process wastewater and maintenance wastewater from an acrylic and modacrylic fibers production process as shown in Table 2 to §63.1103(b)(3)(i) of subpart YY. Process wastewater and maintenance wastewater that contains AN and is not subject to the requirements in Table 2 to §63.1103(b)(3)(i) of subpart YY must be treated in a wastewater treatment system.

(f) You must comply with all testing, monitoring, recordkeeping, and reporting requirements in subpart SS (for process vents); subpart SS or WW (for AN tanks); subpart TT or UU (for equipment leaks); and subpart G (for process wastewater and maintenance wastewater). Only the provisions in §§63.132 through 63.148 and §§63.151 through 63.153 of subpart G apply to this subpart.

(g) If you use a control device other than a wet scrubber, flare, incinerator, boiler, process heater, absorber, condenser, or carbon adsorber, you must prepare and submit a monitoring plan to the Administrator for approval. Each plan must contain the information in paragraphs (g)(1) through (5) of this section.

(1) A description of the device;

(2) Test results collected in accordance with paragraph (f) of this section verifying the performance of the device for reducing AN to the levels required by this subpart;

(3) Operation and maintenance plan for the control device (including a preventative maintenance schedule consistent with the manufacturer's instructions for routine and long-term

maintenance) and continuous monitoring system.

(4) A list of operating parameters that will be monitored to maintain continuous compliance with the applicable emissions limits; and

(5) Operating parameter limits based on monitoring data collected during the performance test.

OTHER REQUIREMENTS AND INFORMATION

§63.11397 What General Provisions apply to this subpart?

(a) You must meet the requirements of the General Provisions in 40 CFR part 63, subpart A, as shown in Table 1 to this subpart.

(b) If you own or operate an existing affected source, your notification of compliance status required by §63.9(h) must include the following information:

(1) This certification of compliance, signed by a responsible official, for the standards in §63.11395(a): "This facility complies with the management practices required in §63.11395(a) for operation of capture systems for polymerization process equipment and monomer recovery process equipment."

(2) This certification of compliance, signed by a responsible official, for the emissions limits in §63.11395(b): "This facility complies with the emissions limits in §63.11395(b)(1) and (2) for control devices serving the polymerization process equipment and monomer recovery process equipment based on previous performance tests in accordance with §63.11395(h)" or "This facility complies with the alternative standards for process vents in §63.11395(b)(3) based on previous performance tests and assessments in accordance with §63.11396(f)". If you conduct a performance test or assessment to demonstrate compliance, you must include the results of the performance test and/or assessment.

(3) This certification of compliance, signed by a responsible official, for the standards for storage tanks in §63.11396(d): "This facility complies with the requirements of 40 CFR part 60, subpart Kb for each tank that stores acrylonitrile."

(4) This certification of compliance, signed by a responsible official, for the

requirement in Table 1 to subpart LLLLLL for preparation of a startup, shutdown, and malfunction plan: “This facility has prepared a startup, shutdown, and malfunction plan in accordance with the requirements of 40 CFR 63.6(e)(3).”

(c) If you own or operate a new affected source, your notification of compliance status required by § 63.9(h) must include:

(1) The results of the initial performance test or compliance demonstration for each process closed vent system and control device, flare, or recovery device, fiber spinning line, AN storage tank, equipment, and wastewater stream subject to this subpart.

(2) This certification of compliance, signed by a responsible official, for the applicable emissions limit in § 63.11396(a) for process vents: “This facility complies with the emissions limits in § 63.11396(a) for each process vent subject to control.”

(3) This certification of compliance, signed by a responsible official, for the applicable emissions limit in § 63.11396(b) for each fiber spinning line: “This facility complies with the emissions limit and/or management practice requirements in § 63.11396(b)(1), (2), or (3) for each fiber spinning line.”

(4) This certification of compliance, signed by a responsible official, for the storage tank requirements in § 63.11396(c): “This facility complies with the requirements for storage vessels holding acrylonitrile as shown in Table 2 to § 63.1103(b)(3)(i) of subpart YY.”

(5) This certification of compliance, signed by a responsible official, for the equipment leak requirements in § 63.11396(d): “This facility complies with the requirements for all equipment that contains or contacts 10 percent by weight or more of AN and operates 300 hours per year or more as shown in Table 2 to § 63.1103(b)(3)(i) of subpart YY.”

(6) This certification of compliance, signed by a responsible official, for the process wastewater and maintenance wastewater requirements in § 63.11396(e): “This facility complies with the requirements in Table 2 to § 63.1103(b)(3)(i) of subpart YY for each

process wastewater stream and each maintenance wastewater stream.”

(d) If you own or operate a new affected source, you must report any deviation from the requirements of this subpart in the semiannual report required by 40 CFR 63.10(e)(3).

§ 63.11398 What definitions apply to this subpart?

Acrylic fiber means a manufactured synthetic fiber in which the fiber-forming substance is any long-chain synthetic polymer composed of at least 85 percent by weight of acrylonitrile units.

Acrylic and modacrylic fibers production means the production of either of the following synthetic fibers composed of acrylonitrile units: acrylic fiber or modacrylic fiber.

Acrylonitrile solution polymerization means a process where acrylonitrile and comonomers are dissolved in a solvent to form a polymer solution (typically polyacrylonitrile). The polyacrylonitrile is soluble in the solvent. In contrast to suspension polymerization, the resulting reactor polymer solution (spin dope) is filtered and pumped directly to the fiber spinning process.

Acrylonitrile suspension polymerization means a polymerization process where small drops of acrylonitrile and comonomers are suspended in water in the presence of a catalyst where they polymerize under agitation. Solid beads of polymer are formed in this suspension reaction which are subsequently filtered, washed, refiltered, and dried. The beads must be subsequently redissolved in a solvent to create a spin dope prior to introduction to the fiber spinning process.

Deviation means any instance in which an affected source subject to this subpart, or an owner or operator of such a source:

(1) Fails to meet any requirement or obligation established by this subpart, including but not limited to any emissions limitation or management practice;

(2) Fails to meet any term or condition that is adopted to implement an applicable requirement in this subpart and that is included in the operating