

Reference	Description of report	Due Date
§ 63.506(e)(7)(ii) .....	Requests for Approval of a Nominal Control Efficiency for Use in Emissions Averaging.	Initial submittal is due with the Emissions Averaging Plan; later submittals are made at the discretion of the owner or operator as specified in § 63.506(e)(7)(ii)(B).
§ 63.506(e)(7)(iii) .....	Notification of Change in the Primary Product.	For notification under § 63.480(f)(3)(ii)—notification submittal date at the discretion of the owner or operator. <sup>c</sup> For notification under § 63.480(f)(4)(ii)—within 6 months of making the determination.

<sup>a</sup>There may be two versions of this report due at different times; one for equipment subject to § 63.502 and one for other emission points subject to this subpart.  
<sup>b</sup>There will be two versions of this report due at different times; one for equipment subject to § 63.502 and one for other emission points subject to this subpart.  
<sup>c</sup>Note that the EPPU remains subject to this subpart until the notification under § 63.480(f)(3)(i) is made.

[66 FR 36928, July 16, 2001]

**Subpart V [Reserved]**

**Subpart W—National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-Nylon Polyamides Production**

SOURCE: 60 FR 12676, Mar. 8, 1995, unless otherwise noted.

**§ 63.520 Applicability and designation of sources.**

The provisions of this subpart apply to all existing, new, and reconstructed manufacturers of basic liquid epoxy resins (BLR) and manufacturers of wet strength resins (WSR) that are located at a plant site that is a major source, as defined in section 112(a) of the Clean Air Act. Research and development facilities, as defined in § 63.522, are exempt from the provisions of this subpart. The affected source is also defined in § 63.522. If a change occurs to an existing source that does not constitute reconstruction then the additions have to meet the existing source requirements of the MACT standards. Any reconstruction of an existing source, or construction of a new source, must meet the new source standard. Affected sources are also subject to certain requirements of subpart A of this part, as specified in Table 1 of this subpart.

**§ 63.521 Compliance schedule.**

(a) Owners or operators of existing affected BLR and WSR sources shall

comply with the applicable provisions of this subpart within 3 years of the promulgation date.

(b) New and reconstructed sources subject to this subpart shall be in compliance with the applicable provisions of this subpart upon startup.

**§ 63.522 Definitions.**

Terms used in this subpart are defined in the Act, in subpart A of this part, or in this section as follows:

*Administrator* means the Administrator of the U.S. Environmental Protection Agency, or any official designee of the Administrator.

*Affected source* means all HAP emission points within a facility that are related to the production of BLR or WSR, including process vents, storage tanks, wastewater systems, and equipment leaks.

*Basic liquid epoxy resins (BLR)* means resins made by reacting epichlorohydrin and bisphenol A to form diglycidyl ether of bisphenol-A (DGEBA).

*Batch emission episode* means a discrete venting episode that may be associated with a single unit operation. For example, a displacement of vapor resulting from the charging of a vessel with HAP will result in a discrete emission episode that will last through the duration of the charge and will have an average flow rate equal to the rate of the charge. If the vessel is then heated, there will also be another discrete emission episode resulting from the expulsion of expanded vessel vapor space. Both emission episodes may

occur in the same vessel or unit operation. There are possibly other emission episodes that may occur from the vessel or other process equipment, depending on process operations.

*Batch process* refers to a discontinuous process involving the bulk movement of material through sequential manufacturing steps. Mass, temperature, concentration, and other properties of a system vary with time. Addition of raw material and withdrawal of product do not typically occur simultaneously in a batch process.

*Closed-vent system* means a system that is not open to the atmosphere and is composed of piping, ductwork, connections, and, if necessary, flow-inducing devices that transport gas or vapor from an emission point to a control device or back into the process.

*Continuous process* means a process where the inputs and outputs flow continuously throughout the duration of the process. Continuous processes are typically steady-state.

*Drain system* means the system used to convey wastewater streams from a process unit, product storage tank, or feed storage tank to a waste management unit. The term includes all process drains and junction boxes, together with their associated sewer lines and other junction boxes, manholes, sumps, and lift stations, down to the receiving waste management unit. A segregated stormwater sewer system, which is a drain and collection system designed and operated for the sole purpose of collecting rainfall-runoff at a facility, and which is segregated from all other drain systems, is excluded from this definition.

*Equipment leaks* means emissions of hazardous air pollutants from a connector, pump, compressor, agitator, pressure relief device, sampling connection system, open-ended valve or line, or instrumentation system in organic hazardous air pollutant service.

*Process vent* means a point of emission from a unit operation. Typical process vents include condenser vents, vacuum pumps, steam ejectors, and atmospheric vents from reactors and other process vessels.

*Production-based emission rate* means a ratio of the amount of HAP emitted to the amount of BLR or WSR produced.

*Research and development facility* means laboratory operations whose primary purpose is to conduct research and development into new processes and products, where the operations are under the close supervision of technically trained personnel, and is not engaged in the manufacture of products for commercial sale, except in a de minimis manner.

*Storage tank* means a tank or other vessel that is used to store liquids that contain one or more HAP compounds.

*Unit operation* means those processing steps that occur within distinct equipment that are used, among other things, to prepare reactants, facilitate reactions, separate and purify products, and recycle materials. There may be several emission episodes within a single unit operation.

*Waste management unit* means any component, piece of equipment, structure, or transport mechanism used in storing, treating, or disposing of wastewater streams, or conveying wastewater between storage, treatment, or disposal operations.

*Wastewater* means aqueous liquid waste streams exiting equipment at an affected source.

*Wastewater system* means a system made up of a drain system and one or more waste management units.

*Wet strength resins (WSR)* means polyamide/ epichlorohydrin condensates which are used to increase the tensile strength of paper products.

[60 FR 12676, Mar. 8, 1995, as amended at 65 FR 26497, May 8, 2000]

#### § 63.523 Standards for basic liquid resins manufacturers.

(a) Owners or operators of existing affected BLR sources shall operate sources such that the rate of emissions of hazardous air pollutants from all process vents, storage tanks, and wastewater systems combined shall not exceed 130 pounds per 1 million pounds of BLR produced.

(b) Owners or operators of new or reconstructed affected BLR sources shall reduce uncontrolled emissions from the sum of uncontrolled process vents, storage tanks, and wastewater systems by 98 percent, or limit the total emissions from these emission points to 5,000 pounds per year.