

Environmental Protection Agency

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(2) Prevent runoff from hazardous waste handling areas to other areas of the facility or environment, or to prevent flooding (for example, with berms, dikes, trenches),

(3) Prevent contamination of water supplies,

(4) Mitigate effects of equipment failure and power outages,

(5) Prevent undue exposure of personnel to hazardous waste (for example, requiring protective clothing), and

(6) Prevent releases to atmosphere,

(i) A description of precautions to prevent accidental ignition or reaction of ignitable, reactive, or incompatible wastes as required by 40 CFR 267.17.

(j) Traffic pattern, estimated volume (number, types of vehicles) and control (for example, show turns across traffic lanes, and stacking lanes; describe access road surfacing and load bearing capacity; show traffic control signals).

(k) [Reserved]

(l) An outline of both the introductory and continuing training programs you will use to prepare employees to operate or maintain your facility safely as required by 40 CFR 267.16. A brief description of how training will be designed to meet actual job tasks under 40 CFR 267.16(a)(3) requirements.

(m) A copy of the closure plan required by 40 CFR 267.112. Include, where applicable, as part of the plans, specific requirements in 40 CFR 267.176, 267.201, and 267.1108.

(n) [Reserved]

(o) The most recent closure cost estimate for your facility prepared under 40 CFR 267.142 and a copy of the documentation required to demonstrate financial assurance under 40 CFR 267.143. For a new facility, you may gather the required documentation 60 days before the initial receipt of hazardous wastes.

(p) [Reserved]

(q) Where applicable, a copy of the insurance policy or other documentation that complies with the liability requirements of 40 CFR 267.147. For a new facility, documentation showing the amount of insurance meeting the specification of 40 CFR 267.147(a) that you plan to have in effect before initial receipt of hazardous waste for treatment or storage.

(r) Where appropriate, proof of coverage by a State financial mechanism, as required by 40 CFR 267.149 or 267.150.

(s) A topographic map showing a distance of 1,000 feet around your facility at a scale of 2.5 centimeters (1 inch) equal to not more than 61.0 meters (200 feet). The map must show elevation contours. The contour interval must show the pattern of surface water flow in the vicinity of and from each operational unit of the facility. For example, contours with an interval of 1.5 meters (5 feet), if relief is greater than 6.1 meters (20 feet), or an interval of 0.6 meters (2 feet), if relief is less than 6.1 meters (20 feet). If your facility is in a mountainous area, you should use large contour intervals to adequately show topographic profiles of facilities. The map must clearly show the following:

(1) Map scale and date.

(2) 100-year flood plain area.

(3) Surface waters including intermittent streams.

(4) Surrounding land uses (residential, commercial, agricultural, recreational).

(5) A wind rose (*i.e.*, prevailing wind-speed and direction).

(6) Orientation of the map (north arrow).

(7) Legal boundaries of your facility site.

(8) Access control (fences, gates).

(9) Injection and withdrawal wells both on-site and off-site.

(10) Buildings; treatment, storage, or disposal operations; or other structure (recreation areas, runoff control systems, access and internal roads, storm, sanitary, and process sewerage systems, loading and unloading areas, fire control facilities, etc.)

(11) Barriers for drainage or flood control.

(12) Location of operational units within your facility, where hazardous waste is (or will be) treated or stored. (Include equipment cleanup areas.)

§ 270.300 What container information must I keep at my facility?

If you store or treat hazardous waste in containers, you must keep the following information at your facility:

(a) A description of the containment system to demonstrate compliance

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with the container storage area provisions of 40 CFR 267.173. This description must show the following:

(1) Basic design parameters, dimensions, and materials of construction.

(2) How the design promotes drainage or how containers are kept from contact with standing liquids in the containment system.

(3) Capacity of the containment system relative to the number and volume of containers to be stored.

(4) Provisions for preventing or managing run-on.

(5) How accumulated liquids can be analyzed and removed to prevent overflow.

(b) For storage areas that store containers holding wastes that do not contain free liquids, a demonstration of compliance with 40 CFR 267.173(c), including:

(1) Test procedures and results or other documentation or information to show that the wastes do not contain free liquids.

(2) A description of how the storage area is designed or operated to drain and remove liquids or how containers are kept from contact with standing liquids.

(c) Sketches, drawings, or data demonstrating compliance with 40 CFR 267.174 (location of buffer zone (15m or 50ft) and containers holding ignitable or reactive wastes) and 40 CFR 267.175(c) (location of incompatible wastes in relation to each other), where applicable.

(d) Where incompatible wastes are stored or otherwise managed in containers, a description of the procedures used to ensure compliance with 40 CFR 267.175(a) and (b), and 267.17(b) and (c).

(e) Information on air emission control equipment as required by § 270.315.

§ 270.305 What tank information must I keep at my facility?

If you use tanks to store or treat hazardous waste, you must keep the following information at your facility:

(a) A written assessment that is reviewed and certified by an independent, qualified, registered professional engineer on the structural integrity and suitability for handling hazardous waste of each tank system, as required under 40 CFR 267.191 and 267.192.

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(b) Dimensions and capacity of each tank.

(c) Description of feed systems, safety cutoff, bypass systems, and pressure controls (*e.g.*, vents).

(d) A diagram of piping, instrumentation, and process flow for each tank system.

(e) A description of materials and equipment used to provide external corrosion protection, as required under 40 CFR 267.191.

(f) For new tank systems, a detailed description of how the tank system(s) will be installed in compliance with 40 CFR 267.192 and 267.194.

(g) Detailed plans and description of how the secondary containment system for each tank system is or will be designed, constructed, and operated to meet the requirements of 40 CFR 267.195 and 267.196.

(h) [Reserved]

(i) Description of controls and practices to prevent spills and overflows, as required under 40 CFR 267.198.

(j) For tank systems in which ignitable, reactive, or incompatible wastes are to be stored or treated, a description of how operating procedures and tank system and facility design will achieve compliance with the requirements of 40 CFR 267.202 and 267.203.

(k) Information on air emission control equipment as required by § 270.315.

§ 270.310 What equipment information must I keep at my facility?

If your facility has equipment to which 40 CFR part 264, subpart BB applies, you must keep the following information at your facility:

(a) For each piece of equipment to which 40 CFR part 264 subpart BB applies:

(1) Equipment identification number and hazardous waste management unit identification.

(2) Approximate locations within the facility (*e.g.*, identify the hazardous waste management unit on a facility plot plan).

(3) Type of equipment (*e.g.*, a pump or a pipeline valve).

(4) Percent by weight of total organics in the hazardous waste stream at the equipment.

(5) Hazardous waste state at the equipment (*e.g.*, gas/vapor or liquid).