

(2) Designed or operated to prevent run-on or infiltration of precipitation into the secondary containment system unless the collection system has sufficient excess capacity to contain run-on or infiltration. The additional capacity must be sufficient to contain precipitation from a 25-year, 24-hour rainfall event.

(3) Free of cracks or gaps.

(4) Designed and installed to surround the tank completely and to cover all surrounding earth likely to come into contact with the waste if the waste is released from the tank(s) (that is, capable of preventing lateral as well as vertical migration of the waste).

(c) Double-walled tanks must be:

(1) Designed as an integral structure (that is, an inner tank completely enveloped within an outer shell) so that any release from the inner tank is contained by the outer shell.

(2) Protected, if constructed of metal, from both corrosion of the primary tank interior and of the external surface of the outer shell.

(3) Provided with a built-in continuous leak detection system capable of detecting a release within 24 hours.

§ 267.197 What are the requirements for ancillary equipment?

You must provide ancillary equipment with secondary containment (for example, trench, jacketing, double-walled piping) that meets the requirements of § 267.195 (a) and (b), except for:

(a) Above ground piping (exclusive of flanges, joints, valves, and other connections) that are visually inspected for leaks on a daily basis;

(b) Welded flanges, welded joints, and welded connections, that are visually inspected for leaks on a daily basis;

(c) Sealless or magnetic coupling pumps and sealless valves, that are visually inspected for leaks on a daily basis; and

(d) Pressurized above ground piping systems with automatic shut-off devices (for example, excess flow check valves, flow metering shutdown devices, loss of pressure actuated shut-off devices) that are visually inspected for leaks on a daily basis.

§ 267.198 What are the general operating requirements for my tank systems?

(a) You must not place hazardous wastes or treatment reagents in a tank system if they could cause the tank, its ancillary equipment, or the containment system to rupture, leak, corrode, or otherwise fail.

(b) You must use appropriate controls and practices to prevent spills and overflows from tank or containment systems. These include, at a minimum:

(1) Spill prevention controls (for example, check valves, dry disconnect couplings).

(2) Overfill prevention controls (for example, level sensing devices, high level alarms, automatic feed cutoff, or bypass to a standby tank).

(3) Sufficient freeboard in uncovered tanks to prevent overtopping by wave or wind action or by precipitation.

(c) You must comply with the requirements of § 267.200 if a leak or spill occurs in the tank system.

§ 267.199 What inspection requirements must I meet?

You must comply with the following requirements for scheduling, conducting, and documenting inspections.

(a) Develop and follow a schedule and procedure for inspecting overfill controls.

(b) Inspect at least once each operating day:

(1) Aboveground portions of the tank system to detect corrosion or releases of waste.

(2) Data gathered from monitoring and leak detection equipment (for example, pressure or temperature gauges, monitoring wells) to ensure that the tank system is being operated according to its design.

(3) The construction materials and the area immediately surrounding the externally accessible portion of the tank system, including the secondary containment system (for example, dikes) to detect erosion or signs of releases of hazardous waste (for example, wet spots, dead vegetation).

(c) Inspect cathodic protection systems, if present, according to, at a minimum, the following schedule to