

7025.0330 CLASS I STORAGE STRUCTURE.

Subpart 1. **Application.** An owner or contractor who removes lead paint from a storage structure that requires class I pollution control shall use the methods in this part as minimum pollution control for dry abrasive blasting, or the owner or contractor shall use a method of removal and containment in part 7025.0340 or 7025.0350.

Subp. 2. **Curtains.** The owner or contractor shall suspend a curtain throughout paint removal on the upwind side and the downwind side of the structure, except as provided in item B, in a manner that effectively prevents the dispersal of paint particles. The curtains shall be rated by the manufacturer at not less than 100 percent impermeable.

A. If the structure is a water tower, standpipe, or a grain storage bin, the length of each curtain must be greater than two-thirds the height of the structure and the width of each curtain must be greater than the largest diameter of the structure.

The curtains shall be moved so that the point of paint removal shall always be at least ten feet inside a vertical edge of a curtain and ten feet below the upper edge of a curtain, except where paint removal is conducted beneath curtains attached along their upper edge to the wall of the structure.

B. If the structure is a ground storage tank, the length of each curtain must be greater than the height of the tank and the width of each curtain must be greater than the diameter or the length of the tank. The owner or contractor may suspend a curtain only on the downwind side of the tank, but the width of this curtain must be greater than the length of the tank or than half the circumference of the tank.

Subp. 3. **Removal above curtains.** The owner or contractor shall remove all paint from any surface above the curtains with wet abrasive blasting, power tools or hand tools, vacuum blasting, or chemical stripping, except that dry abrasive blasting may be used if the surface is enclosed. If dry abrasive blasting is used for surface preparation following paint removal, the use of enclosure is not required with the conditions in part 7025.0320, items A to C.

Subp. 4. **Ground cover.** The owner or contractor shall completely cover the ground beneath the base of the structure and on the downwind side of the structure with 100 percent impermeable tarpaulins to prevent deposition on soil and vegetation. The owner or contractor shall overlap the tarpaulins at least 1-1/2 feet and weight them to prevent separation.

A. Ground cover for a water tower shall extend from the center column a minimum distance equal to two-thirds the height of the tower.

B. Ground cover for a standpipe or grain storage bin shall extend from the base a minimum distance equal to one-half the height of the structure.

C. Ground cover for a ground storage tank shall extend from the base a minimum distance equal to 20 feet, or to the height of the tank, whichever is greater.

The owner or contractor shall increase the width of the ground cover with distance from the base of the structure so that it is equal to an area within an angle of 120 degrees from the center of the structure, except that the width of the ground cover shall always be greater than the width of the downwind curtain.

Subp. 5. **Windspeed limitation.** The owner or contractor shall not conduct paint removal whenever windspeeds render the curtains and ground cover ineffective in containing particulate matter. If visible emissions of particulate matter occur in the air, or visible deposits occur on the ground, at a distance from the structure greater than the distance of the ground cover, then the owner or contractor shall:

A. add additional ground cover, in the manner required in subpart 4, to a distance greater than the distance of visible particle transport or deposition;

B. use additional curtains to prevent the dispersal of visible particles to a distance beyond the ground cover; or

C. use a method of removal from part 7025.0340 or 7025.0350, instead of dry abrasive blasting to remove the lead paint.

Subp. 6. **Cleanup of waste material.** The owner or contractor shall clean up all visible deposits of waste material containing paint or paint particles at the end of each workday and remove this material from the site or store it in containers or on top of ground cover and covered with impermeable tarpaulins. The owner or contractor shall recover this material by manual means or by vacuum, but may not use an air pressure or water stream which redistributes the waste material. Methods of handling and movement of waste material shall prevent fugitive dust and other loss of any material until final disposition of the material.

Statutory Authority: *MS s 115.03; 116.07; 144.9508*

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