

7025.0270 CLASS I BRIDGE.

Subpart 1. **Application.** An owner or contractor who removes lead paint from a class I bridge or bridge portion by dry abrasive blasting shall use the methods required in this part as minimum pollution control, or the owner or contractor shall use a method of removal from part 7025.0290. For those portions of the bridge where curtains and ground cover cannot be used, the owner or contractor shall use the containment methods of part 7025.0280, subpart 2, item A or B.

Subp. 2. **Ground cover.** The owner or contractor shall use 100 percent impermeable tarpaulins to prevent deposition on the soil and on vegetation. The owner or contractor shall overlap the tarpaulins at least 1-1/2 feet and weight them to prevent separation except on woody vegetation. The tarpaulins must cover the surface of all bare soil and vegetated areas inside the curtains required by subpart 3 and shall extend a minimum of 30 feet in all directions beyond the vertical extension of the curtains. Hard paved surfaces such as asphalt and concrete roadway, sidewalk, and slope paving may be left uncovered if they have an unbroken surface and if the owner or contractor thoroughly cleans these surfaces as described in subpart 5.

Subp. 3. **Curtains or barriers.** The owner or contractor shall use curtains rated by the manufacturer at not less than 100 percent impermeable to contain lead paint particles generated from both trusses and girders. The curtains must overlap at least three feet unless the edges are completely joined.

A. Girders and undertrusses. When lead paint is removed from girders and undertrusses, the owner or contractor shall suspend curtains from the bridge deck so that the work area is contained on four sides. The owner or contractor shall seal the spaces between the beams above the transverse curtain. The curtains must extend to the ground cover and they must be anchored.

B. Overtrusses. When lead paint is removed from overtrusses, whether the roadway is closed to traffic or not closed to traffic, the owner or contractor shall:

(1) suspend curtains both inside and outside of each truss from a height greater than the point of paint removal, with a width less than the length of ground cover, and with the bottom edges within curtains suspended from the bridge deck in the manner required for girders; or

if the roadway is closed to traffic, the owner or contractor shall:

(2) suspend curtains outside of the opposite trusses from a height greater than the point of paint removal, with a width less than the length of ground cover, and with the bottom edges resting on the roadway or within curtains suspended from the bridge deck in the manner required for girders; or

(3) suspend a rigid barrier outside the truss with the bottom edge resting on or directly above the roadway and inclined at an angle of 45 to 55 degrees with the truss, with a width less than the length of ground cover, a length not less than the height of the truss, and with the space between the end of the barrier and the truss closed with impermeable material; and

(4) suspend curtains across the bridge deck between the opposite trusses at both ends of the area of paint removal from a height greater than the point of paint removal.

Subp. 4. **Windspeed limitation.** The owner or contractor shall not conduct paint removal whenever windspeeds render the curtains and ground cover ineffective in containing particulate matter from both trusses and girders. If visible emissions of particulate matter occur in the air, or visible deposits occur on the ground, at a distance from the bridge 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 2, to a distance greater than the distance of visible particle transport or deposition; or

B. if paint is removed from overtrusses, enclose the top of the area of paint removal; or

C. if dry abrasive blasting is being used, use another method of paint removal from part 7025.0290.

Subp. 5. **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 from all areas on the ground and the ground covers outside the curtains 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*

History: *21 SR 202*

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