

7025.0050 CONTAINMENT.

Subpart 1. **Containment required.** The contractor shall apply containment, using the methods required by this part, before using abrasive blasting to remove lead paint from the exterior of a residential, child care, or school building, or a building within 100 feet of a residential, child care, or school building, or a playground. The contractor may utilize methods of removal by abrasive blasting or of containment other than those specified in this part only if the commissioner approves the alternative method of removal or containment in writing prior to its use. The commissioner shall approve the alternative method of removal or containment if the contractor demonstrates that the alternative containment method will prevent contamination of soil and house dust at least as well as the methods specified in this part.

Subp. 2. **Sealing the residential, child care, or school building.** Before abrasive blasting begins, the contractor shall:

A. fully close and completely seal from the outside with adhesive tape or caulking the outermost window or storm window to the window frame, the outermost door or storm door to the door frame, and air intake openings on the wall to be abrasive blasted and on the two adjoining walls to a distance of 50 feet from the wall to be abrasive blasted, if the building is a residential, child care, or school building;

B. tightly cover and seal with impervious plastic all air conditioning units and other air intake openings on the walls listed in item A; and

C. if a wall of a neighboring residential, child care, or school building is less than 20 feet from a wall to be abrasive blasted, suspend curtains between the wall to be abrasive blasted and the neighboring building that:

(1) are parallel to the wall being abrasive blasted;

(2) extend vertically from the ground to the height of the wall to be abrasive blasted or, if the curtains are located on the neighboring building, extend vertically from the ground to the height of the wall of the neighboring building which faces the wall to be abrasive blasted;

(3) extend horizontally for the width of the wall to be abrasive blasted or, if the curtains are located on the neighboring building, extend horizontally for the width of the wall on the neighboring building which faces the wall to be abrasive blasted; and

(4) overlap at each seam a distance of at least 1-1/2 feet.

The contractor shall not conduct abrasive blasting if any windows or doors are open on any wall that faces the wall to be abrasive blasted, and on the adjoining walls to a distance of 50 feet from the wall to be abrasive blasted, of a neighboring residential, child care, or

school building that is within a distance from a wall to be abrasive blasted that is less than or equal to the distance of ground cover required by subpart 3.

Subp. 3. **Ground cover.** Before abrasive blasting begins, the contractor shall completely cover, with impermeable tarpaulins, the ground beneath the wall or structure to be abrasive blasted by:

- A. laying the tarpaulins as close as possible to the building foundation;
- B. overlapping the tarpaulin edges by a distance not less than 1-1/2 feet;
- C. anchoring the tarpaulins at the foundation and along the overlapping edges to prevent separation; and
- D. covering the ground with tarpaulins for a distance of at least 25 feet in all directions from the area of blasting. For each story above the first, the contractor shall increase this distance by ten feet.

Subp. 4. **Additional containment required.** 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 contractor shall immediately cease abrasive blasting until the contractor:

- A. adds additional ground cover, in the manner required in subpart 3, to a distance greater than the distance of visible particle transport or deposition;
- B. uses a curtain or curtains that prevent the dispersal of visible particles to a distance beyond the ground cover; or
- C. uses modified-wet abrasive blasting or vacuum blasting, instead of open dry abrasive blasting, to remove the lead paint.

Statutory Authority: *MS s 116.07; 144.878*

History: *16 SR 442; 18 SR 614*

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