

**641—68.5(135) Lead hazard reduction required.**

**68.5(1)** When the certified elevated blood lead (EBL) inspector/risk assessor appointed by the local board determines that hazardous lead-based paint, a dust-lead hazard, or a soil-lead hazard is present in a residential dwelling unit or child-occupied facility where an elevated blood lead (EBL) child lives, frequently visits, or has recently resided, the certified elevated blood lead inspector/risk assessor shall issue a written notice to the owner within two weeks of the inspection and receipt of any laboratory results. The written notice shall require the owner to complete lead hazard reduction in a time period determined by the certified elevated blood lead (EBL) inspector/risk assessor. If the occupant who occupies the residential dwelling at the time that this written notice is issued vacates the residential dwelling, the residential dwelling shall not be leased or occupied by any other person until the certified elevated blood lead (EBL) inspector/risk assessor issues a written notice that the lead hazard reduction has been completed.

**68.5(2)** The owner of any residential dwelling or child-occupied facility which has been determined to contain hazardous lead-based paint, a soil-lead hazard, or a dust-lead hazard shall correct these hazards within the time period allowed by the certified elevated blood lead (EBL) inspector/risk assessor in the written notice. The following methods shall be used for lead hazard reduction. These methods shall not require the services of a lead abatement contractor certified in accordance with Iowa Administrative Code 641—70.5(135). However, other local, state, or federal regulations may require the use of a contractor who has completed an eight-hour lead-safe work practices course or a lead abatement contractor or lead abatement worker certified in accordance with Iowa Administrative Code 641—70.5(135).

*a.* On a surface that contains hazardous lead-based paint, but is not chewable and does not have evidence of impact or friction, the lead-based paint hazard shall be reduced by removing all loose and deteriorated paint from the surface, preparing the surface for repainting, and repainting the surface with a lead-free coating.

*b.* On a surface that contains hazardous lead-based paint and is chewable or has evidence of impact or friction, the lead-based paint hazard shall be reduced by treating the surface one inch back from the edge or corner through one of the following methods:

(1) All lead-based paint on the treatment area shall be removed to the bare substrate. The surface shall be prepared for repainting and repainted with a lead-free coating.

(2) The treatment area shall be covered with a permanently affixed lead-free material such as plastic, wood, or vinyl. Carpet may be used on floors and stair treads.

*c.* Dust-lead hazards shall be reduced by thoroughly cleaning the affected surface.

*d.* Soil-lead hazards shall be reduced by planting grass or groundcover, applying sod, or covering the affected area with six inches of bark, gravel, or other material.

*e.* Lead hazard reduction shall be conducted using lead-safe work practices to protect the safety of the occupants and workers. Occupants shall not enter the work area while work is underway. The following are prohibited methods of lead hazard reduction:

(1) Open-flame burning or torching of lead-based paint.

(2) Machine sanding or grinding or abrasive blasting or sandblasting of lead-based paint unless used with high-efficiency particulate air (HEPA) exhaust control that removes particles of 0.3 microns or larger from the air at 99.97 percent or greater efficiency.

(3) Uncontained water blasting of lead-based paint.

(4) Dry scraping or dry sanding of lead-based paint except in conjunction with the use of a heat gun or around electrical outlets.

(5) Operating a heat gun at a temperature above 1100 degrees Fahrenheit.

**68.5(3)** The certified elevated blood lead (EBL) inspector/risk assessor shall inspect all areas identified as hazards after lead hazard reduction is complete. The certified elevated blood lead (EBL) inspector/risk assessor may conduct clearance testing pursuant to Iowa Administrative Code 641—Chapter 70 to ensure that no dust-lead hazards exist after the work is complete. Within two weeks of verifying that all lead hazard reduction has been completed as required, the certified elevated blood lead (EBL) inspector/risk assessor shall issue a written notice to the owner and occupant stating that the lead hazard reduction has been completed and that the repaired surfaces must be maintained in good condition.