State or Indian tribe under a program authorized by EPA, or by EPA at 40 CFR 745.227(b), except that the definition of lead-based paint shall not include a loading (area concentration) or mass concentration greater than that in the definition at § 35.110 of this part.

(b) *Risk assessments.* (1) Risk assessments shall be performed in accordance with methods and standards established either by a State or Indian tribe under a program authorized by EPA, or by EPA at 40 CFR 745.227(d), and paragraph (b)(2) of this section.

(2) Risk assessors shall use levels defining dust-lead hazards and soil-lead hazards that are no greater than those promulgated by EPA pursuant to section 403 of the Toxic Substances Control Act (15 U.S.C. 2683), or, if such levels are not in effect, the following for dust or soil:

(i) *Dust.* A dust-lead hazard shall be a dust-lead level equal to or greater than the applicable loading (area concentration), based on wipe samples, in the following table:

INTERIM DUST LEAD STANDARDS

Evaluation method	Surface	Interior window sills, μg/ft² (mg/m²)	Window troughs, μg/ft² (mg/m²)
	Floors, μg/ft² (mg/m²)		
Lead Hazard Screen	25 (0.27)	125 (1.4)	Not Applicable.
Risk Assessment	40 (0.43)	250 (2.7)	Not Applicable.
Reevaluation	40 (0.43)	250 (2.7)	Not Applicable.
Clearance	40 (0.43)	250 (2.7)	800 (8.6).

Note: ''Floors'' includes carpeted and uncarpeted interior floors.

(ii) *Soil.* (A) A soil-lead hazard for play areas frequented by children under 6 years of age shall be bare soil with lead equal to or exceeding 400 micrograms per gram.

(B) For other areas, soil-lead hazards shall be bare soil that totals more than 9 square feet (0.8 square meters) per property with lead equal to or exceeding 2,000 micrograms per gram.

(3) Lead hazard screens shall be performed in accordance with the methods and standards established either by a State or Indian tribe under a program authorized by EPA, or by EPA at 40 CFR 745.227(c), and paragraph (b)(2) of this section. If the lead hazard screen indicates the need for a follow-up risk assessment (e.g., if dust-lead measurements exceed the levels established for lead hazard screens in this section), a risk assessment shall be conducted in accordance with paragraphs (b)(1) and (b)(2) of this section. Dust, soil, and paint samples collected for the lead hazard screen may be used in the risk assessment. If the lead hazard screen does not indicate the need for a follow-up risk assessment, no further risk-assessment is required.

(c) It is strongly recommended, but not required, that lead-based paint inspectors and risk assessors provide a summary of the results suitable for posting or distribution to occupants in compliance with § 35.125.

§ 35.1325 Abatement.

Abatement shall be performed in accordance with methods and standards established either by a State or Indian tribe under a program authorized by EPA, or by EPA at 40 CFR 745.227(e), and shall be completed by achieving clearance in accordance with § 35.1340. If encapsulation or enclosure is used as a method of abatement, ongoing lead-based paint maintenance activities shall be performed as required by the applicable subpart of this part in accordance with § 35.1355. Abatement of an intact, factory-applied prime coating on metal surfaces is not required unless the surface is a friction surface.

§ 35.1330 Interim controls.

Interim controls of lead-based paint hazards identified in a risk assessment shall be conducted in accordance with the provisions of this section. Interim control measures include paint stabilization of deteriorated paint, treatments for friction and impact surfaces where levels of lead dust are above the

levels specified in § 35.1320, dust control, and lead-contaminated soil control. As provided by § 35.155, interim controls may be performed in combination with, or be replaced by, abatement methods.

(a) *General requirements.* (1) Only those interim control methods identified as acceptable methods in a current risk assessment report shall be used to control identified hazards, except that, if only paint stabilization is required in accordance with subparts F, H, K or M of this part, it shall not be necessary to have conducted a risk assessment.

(2) Occupants of dwelling units where interim controls are being performed shall be protected during the course of the work in accordance with § 35.1345.

(3) Clearance testing shall be performed at the conclusion of interim control activities in accordance with § 35.1340.

(4) A person performing interim controls must be trained in accordance with 29 CFR 1926.59 and either be supervised by an individual certified as a lead-based paint abatement supervisor or have successfully completed one of the following courses:

(i) A lead-based paint abatement supervisor course accredited in accordance with 40 CFR 745.225;

(ii) A lead-based paint abatement worker course accredited in accordance with 40 CFR 745.225;

(iii) The Lead-Based Paint Maintenance Training Program, ''Work Smart, Work Wet, and Work Clean to Work Lead Safe,'' prepared by the National Environmental Training Association for EPA and HUD;

(iv) ''The Remodeler's and Renovator's Lead-Based Paint Training Program,'' prepared by HUD and the National Association of the Remodeling Industry; or

(v) Another course approved by HUD for this purpose after consultation with EPA.

(b) *Paint stabilization.* (1) Interim control treatments used to stabilize deteriorated lead-based paint shall be performed in accordance with the requirements of this section. Interim control treatments of intact, factory applied prime coatings on metal surfaces are not required. Finish coatings on such surfaces shall be treated by interim controls if those coatings contain lead-based paint.

(2) Any physical defect in the substrate of a painted surface or component that is causing deterioration of the surface or component shall be repaired before treating the surface or component. Examples of defective substrate conditions include dry-rot, rust, moisture-related defects, crumbling plaster, and missing siding or other components that are not securely fastened.

(3) Before applying new paint, all loose paint and other loose material shall be removed from the surface to be treated. Acceptable methods for preparing the surface to be treated include wet scraping, wet sanding, and power sanding performed in conjunction with a HEPA filtered local exhaust attachment operated according to the manufacturer's instructions.

(4) Dry sanding or dry scraping is permitted only in accordance with § 35.140(e) (i.e., for electrical safety reasons or for specified minor amounts of work).

(5) Paint stabilization shall include the application of a new protective coating or paint. The surface substrate shall be dry and protected from future moisture damage before applying a new protective coating or paint. All protective coatings and paints shall be applied in accordance with the manufacturer's recommendations.

(6) Paint stabilization shall incorporate the use of safe work practices in accordance with § 35.1350.

(c) *Friction and impact surfaces.* (1) Friction surfaces are required to be treated only if:

(i) Lead dust levels on the nearest horizontal surface underneath the friction surface (e.g., the window sill, window trough, or floor) are equal to or greater than the standards specified in 35.1320(b);

(ii) There is evidence that the paint surface is subject to abrasion; and

(iii) Lead-based paint is known or presumed to be present on the friction surface.

(2) Impact surfaces are required to be treated only if:

(i) Paint on an impact surface is damaged or otherwise deteriorated;

(ii) The damaged paint is caused by impact from a related building component (such as a door knob that knocks into a wall, or a door that knocks against its door frame); and

(iii) Lead-based paint is known or presumed to be present on the impact surface.

(3) Examples of building components that may contain friction or impact surfaces include the following:

(i) Window systems;

(ii) Doors;

(iii) Stair treads and risers;

(iv) Baseboards;

(v) Drawers and cabinets; and

(vi) Porches, decks, interior floors, and any other painted surfaces that are abraded, rubbed, or impacted.

(4) Interim control treatments for friction surfaces shall eliminate friction points or treat the friction surface so that paint is not subject to abrasion. Examples of acceptable treatments include rehanging and/or planing doors so that the door does not rub against the door frame, and installing window channel guides that reduce or eliminate abrasion of painted surfaces. Paint on stair treads and floors shall be protected with a durable cover or coating that will prevent abrasion of the painted surfaces. Examples of acceptable materials include carpeting, tile, and sheet flooring.

(5) Interim control treatments for impact surfaces shall protect the paint from impact. Examples of acceptable treatments include treatments that eliminate impact with the paint surface, such as a door stop to prevent a door from striking a wall or baseboard.

(6) Interim control for impact or friction surfaces does not include covering such a surface with a coating or other treatment, such as painting over the surface, that does not protect lead-based paint from impact or abrasion.

(d) *Chewable surfaces.* (1) Chewable surfaces are required to be treated only if there is evidence that a child of less than 6 years of age has chewed on the painted surface, and lead-based paint is known or presumed to be present on the surface.

(2) Interim control treatments for chewable surfaces shall make the lead-based paint inaccessible for chewing by children of less than 6 years of age. Examples include enclosures or coatings that cannot be penetrated by the teeth of such children.

(e) *Dust-lead hazard control.* (1) Interim control treatments used to control dust-lead hazards shall be performed in accordance with the requirements of this section. Additional information on dust removal is found in the HUD Guidelines, particularly Chapter 11 (see §35.1310).

(2) Dust control shall involve a thorough cleaning of all horizontal surfaces, such as interior window sills, window troughs, floors, and stairs, but excluding ceilings. All horizontal surfaces, such as floors, stairs, window sills and window troughs, that are rough, pitted, or porous shall be covered with a smooth, cleanable covering or coating, such as metal coil stock, plastic, polyurethane, or linoleum.

(3) Surfaces covered by a rug or carpeting shall be cleaned as follows:

(i) The floor surface under a rug or carpeting shall be cleaned where feasible, including upon removal of the rug or carpeting, with a HEPA vacuum or other method of equivalent efficacy.

(ii) An unattached rug or an attached carpet that is to be removed, and padding associated with such rug or carpet, located in an area of the dwelling unit with dust-lead hazards on the floor, shall be thoroughly vacuumed with a HEPA vacuum or other method of equivalent efficacy. Protective measures shall be used to prevent the spread of dust during removal of a rug, carpet or padding from the dwelling. For example, it shall be misted to reduce dust generation during removal. The item(s) being removed shall be wrapped or otherwise sealed before removal from the worksite.

(iii) An attached carpet located in an area of the dwelling unit with dust-lead hazards on the floor shall be thoroughly vacuumed with a HEPA vacuum or other method of equivalent efficacy if it is not to be removed.

(f) *Soil-lead hazards.* (1) Interim control treatments used to control soil-lead hazards shall be performed in accordance with this section.

(2) Soil with a lead concentration equal to or greater than 5,000 μg/g of lead shall be abated in accordance with 40 CFR 745.227(e).

(3) Acceptable interim control methods for soil lead are impermanent surface coverings and land use controls.

(i) Impermanent surface coverings may be used to treat lead-contaminated soil if applied in accordance with the following requirements. Examples of acceptable impermanent coverings include gravel, bark, sod, and artificial turf.

(A) Impermanent surface coverings selected shall be designed to withstand the reasonably-expected traffic. For example, if the area to be treated is heavily traveled, neither grass or sod shall be used.

(B) When loose impermanent surface coverings such as bark or gravel are used, they shall be applied in a thickness not less than six inches deep.

(C) The impermanent surface covering material shall not contain more than 200 µg/g of lead.

(D) Adequate controls to prevent erosion shall be used in conjunction with impermanent surface coverings.

(ii) Land use controls may be used to reduce exposure to soil-lead hazards only if they effectively control access to areas with soil-lead hazards. Examples of land use controls include: fencing, warning signs, and landscaping.

(A) Land use controls shall be implemented only if residents have reasonable alternatives to using the area to be controlled.

(B) If land use controls are used for a soil area that is subject to erosion, measures shall be taken to contain the soil and control dispersion of lead.

§ 35.1335 Standard treatments.

Standard treatments shall be conducted in accordance with this section.

(a) *Paint stabilization.* All deteriorated paint on exterior and interior surfaces located on the residential property shall be stabilized in accordance with § 35.1330(a)(b), or abated in accordance with § 35.1325.

(b) *Smooth and cleanable horizontal surfaces.* All horizontal surfaces, such as uncarpeted floors, stairs, interior window sills and window troughs, that are rough, pitted, or porous, shall be covered with a smooth, cleanable covering or coating, such as metal coil stock, plastic, polyurethane, or linoleum.

(c) *Correcting dust-generating conditions.* Conditions causing friction or impact of painted surfaces shall be corrected in accordance with § 35.1330(c)(4)–(6).

(d) *Bare residential soil.* Bare soil shall be treated in accordance with the requirements of § 35.1330, unless it is found not to be a soil-lead hazard in accordance with § 35.1320(b).

(e) *Safe work practices.* All standard treatments described in paragraphs (a) through (d) of this section shall incorporate the use of safe work practices in accordance with § 35.1350.

(f) *Clearance.* A clearance examination shall be performed in accordance with § 35.1340 at the conclusion of any lead hazard reduction activities.

(g) *Qualifications.* An individual performing standard treatments must meet the training and/or supervision requirements of § 35.1330(a)(4).

§ 35.1340 Clearance.

Clearance examinations required under subparts B, C, D, F through M, and R, of this part shall be performed in accordance with the provisions of this section.

(a) *Clearance following abatement.* Clearance examinations performed following abatement of lead-based paint or lead-based paint hazards shall be performed in accordance with 40 CFR 745.227(e) and paragraphs (c)–(f) of this section. Such clearances shall be performed by a person certified to perform risk assessments or lead-based paint inspections.

(b) *Clearance following activities other than abatement.* Clearance examinations performed following interim controls, paint stabilization, standard treatments, ongoing lead-based paint maintenance, or rehabilitation shall be performed in accordance with the requirements of this paragraph (b) and paragraphs (c)–(g) of this section.

(1) *Qualified personnel.* Clearance examinations shall be performed by:

(i) A certified risk assessor;

(ii) A certified lead-based paint inspector;

(iii) A person who has successfully completed a training course for clearance technicians (or a discipline of similar purpose and title) that is developed or accepted by EPA or a State or