



Standard Practice for Selection of Lead Hazard Reduction Methods for Identified Risks in Residential Housing or Child Occupied Facilities¹

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1. Scope

1.1 This practice describes the selection of lead hazard reduction methods for controlling lead hazard risks identified during risk assessments of residential dwellings and child occupied facilities.

1.2 This practice contains notes, which are explanatory and are not part of the mandatory requirements of this standard.

1.3 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

2. Referenced Documents

2.1 ASTM Standards:²

- E917 Practice for Measuring Life-Cycle Costs of Buildings and Building Systems
- E1605 Terminology Relating to Lead in Buildings
- E1795 Specification for Non-Reinforced Liquid Coating Encapsulation Products for Leaded Paint in Buildings
- E1796 Guide for Selection and Use of Liquid Coating Encapsulation Products for Leaded Paint in Buildings
- E1797 Specification for Reinforced Liquid Coating Encapsulation Products for Leaded Paint in Buildings
- E2052 Guide for Evaluation, Management, and Control of Lead Hazards in Facilities (Withdrawn 2008)³
- E2115 Guide for Conducting Lead Hazard Assessments of Dwellings and of Other Child-Occupied Facilities
- E2239 Practice for Record Keeping and Record Preservation for Lead Hazard Activities

¹ This practice is under the jurisdiction of ASTM Committee E06 on Performance of Buildings and is the direct responsibility of Subcommittee E06.23 on Lead Hazards Associated with Buildings.

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² For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

³ The last approved version of this historical standard is referenced on www.astm.org.

2.2 HUD Documents:⁴

HUD Guidelines Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing

24 CFR Part 35 Requirements for Notification, Evaluation and Reduction of Lead-Based Paint Hazards in Federally Owned Residential Property, and Housing Receiving Federal Assistance; Final Rule, September 15, 1999

2.3 EPA Documents:⁵

Protect Your Family from Lead in Your Home

40 CFR Part 745 Subpart L, Lead-Based Paint Activities

2.4 RSMeans Documents:⁶

Building Construction Cost Data

3. Terminology

3.1 *Definitions*—For definitions of terms used in this practice, refer to Terminology E1605.

4. Significance and Use

4.1 This practice outlines lead hazard reduction methods that have been shown to be effective in preventing lead poisoning in children.

4.2 This practice tabulates advantages, disadvantages, and relative costs of the reduction methods to assist professionals such as certified lead risk assessors, supervisors, or project designers in selecting appropriate cost-effective options for controlling lead hazards identified during a lead risk assessment. Different control methods may be equally effective in controlling a given lead hazard and, consequently, the selection of a specific control method may depend on the needs and economic constraints of the client or building owner.

4.3 This practice is intended to complement other lead hazard activities that are performed in accordance with regulations promulgated by authorities having jurisdiction. For example, in some jurisdictions, a lead hazard risk assessment, by regulation, consists of a visual assessment, a hazard

⁴ Available from U.S. Department of Housing and Urban Development (HUD), 451 7th Street S.W., Washington, DC 20410, <http://www.hud.gov/offices/lead>.

⁵ Available from United States Environmental Protection Agency (EPA), Ariel Rios Bldg., 1200 Pennsylvania Ave., NW, Washington, DC 20004, <http://www.epa.gov>.

⁶ Available from Reed Construction Data (RSMeans), 700 Longwater Drive, Norwell, MA 02061, <http://www.rsmeans.com>.