



Standard Practice for Conducting Visual Assessments for Lead Hazards in Buildings¹

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1. Scope

1.1 This practice describes procedures for conducting visual assessments in buildings to visually identify the type and location of potential lead hazards. These potential hazards are associated with deteriorated leaded paint, lead in dust, or lead in soil.

1.2 This practice addresses visual assessment procedures for four lead-hazard activities: lead risk (hazard) assessment (E 2115), clearance examination (E 2271), assessment of paint condition, and re-evaluation inspection.

1.3 Because there is considerable overlap among the requirements for these four types of lead-hazard activities, this standard first describes a generic visual assessment procedure, and then defines a specific procedure for each assessment type in terms of additions to, or deletions from, the generic procedure.

1.4 This practice does not address testing needed to confirm the presence of lead hazards.

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

1.6 *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

E 1605 Terminology Relating to Lead in Buildings

E 1864 Practice for Evaluating Quality Systems of Organizations Engaged in Conducting Facility and Hazard Assessments to Determine the Presence and Extent of Lead in Paint, Dust, Airborne Particulate, and Soil

E 2052 Guide for Identification and Management of Lead Hazards in Facilities

E 2115 Guide for Conducting Lead Hazard Assessments of Residential Housing and other Properties Frequented by Children

E 2239 Practice for Record Keeping and Record Preservation for Lead Hazard Activities

E 2271 Practice for Clearance Examinations Following Lead Hazard Reduction Activities in Single-Family Dwellings and Child-Occupied Facilities

3. Terminology

3.1 For definitions of terms not appearing here, refer to Terminology E 1605.

3.2 Definitions of Terms Specific to This Standard:

3.2.1 *leaded dust hazard, n*—a condition that might result in adverse human health effects due to lead in surface dust

3.2.1.1 *Discussion*—Authorities having jurisdiction may issue guidance or promulgate requirements defining the minimum mass per area content of lead in dust that is considered to constitute a hazard.

3.2.2 *leaded paint hazard, n*—a condition that might result in adverse human health effects due to lead in deteriorated paint on all building surfaces, lead in paint on chewable surfaces, impact surfaces, or dust-producing friction surfaces.

3.2.2.1 *Discussion*—Levels of lead in deteriorated paint, lead in paint on chewable surfaces, dust-producing friction surfaces, and impact surfaces that might adversely effect human health may be stated in requirements promulgated by authorities having jurisdiction.

3.2.3 *leaded-soil hazard, n*—a condition that might result in adverse human health effects due to lead in bare soil.

3.2.3.1 *Discussion*—Authorities having jurisdiction may issue guidance or promulgate requirements defining the minimum amount of lead in soil by percent by mass that is considered to constitute a hazard.

4. Significance and Use

4.1 This practice supports lead poisoning prevention activities by providing standardized procedures for conducting visual assessments.

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.