



Designation: E 2255 – 03

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, clearance examination, 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:

E 1605 Terminology Relating to Lead in Buildings²

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 Soil²

E 2052 Guide for Identification and Management of Lead

Hazards in Facilities²

E 2115 Guide for Conducting Lead Hazard Assessments of Residential Housing and other Properties Frequented by Children²

E 2239 Practice for Record Keeping and Record Preservation for Lead Hazard Activities²

3. Terminology

3.1 For definitions of terms not presented below, refer to Terminology E 1605.

3.2 Definitions:

3.2.1 *abatement, n*—any set of measures designed to eliminate permanently lead-based paint or lead-based paint hazards.

3.2.1.1 *Discussion*—Abatement includes: (1) removal of paint and dust, the permanent enclosure or encapsulation of lead-based paint, the replacement of painted surfaces or components, or the removal or permanent covering of soil, when lead-based paint hazards are present in such paint, dust or soil; and (2) preparation, cleanup, disposal, and post abatement clearance testing activities associated with such measures.

3.2.2 *bare soil, n*—soil or sand not covered by grass, sod, other live ground covers, wood chips, gravel, artificial turf or similar covering.

3.2.3 *clearance examination, n*—a process conducted following a lead-based paint hazard reduction activity to determine that the hazard reduction activity is complete and that no soil-lead hazards or dust-lead hazards exist in the work area.

3.2.4 *component, n*—an element of a building identified by form, function and location.

3.2.4.1 *Discussion*—A component of a building may include exterior walls, interior room (type) walls, an interior windowsill in a bathroom, etc.

3.2.5 *distinct painting history, n*—an application history of paint and other surface coatings to a component or room in a building, as indicated by its visual appearance or a record of application over time.

3.2.6 *dust-lead hazard, n*—surface dust in a building that contains, or is presumed to contain, a mass-per-area concentration of lead equal to or exceeding limits set in regulations promulgated by authorities having jurisdiction.

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 *Annual Book of ASTM Standards*, Vol 04.12.