



Designation: **E2239—20** **E2239 – 24**

Standard Practice for Record Keeping and Record Preservation for Lead Hazard Activities¹

This standard is issued under the fixed designation E2239; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reappraisal. A superscript epsilon (ϵ) indicates an editorial change since the last revision or reappraisal.

1. Scope

1.1 This practice describes requirements for preservation of records generated during lead hazard activities.

1.2 *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, health, and environmental practices and determine the applicability of regulatory limitations prior to use.*

1.3 *This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.*

2. Referenced Documents

2.1 ASTM Standards:²

D1356 Terminology Relating to Sampling and Analysis of Atmospheres

D4840 Guide for Sample Chain-of-Custody Procedures

E1605 Terminology Relating to Lead in Buildings

2.2 ISO Standards:³

ISO 9000-3 Quality Management and Quality Assurance Standards—Part 3: Guidelines for the Application of ISO 9001:1994 to the Development, Supply, Installation and Maintenance of Computer Software

ISO 9000:2005 Quality Management Systems—Fundamentals and Vocabulary

ISO 17000:2004 Conformity Assessment—General Vocabulary and Principles

3. Terminology

3.1 Definitions:

3.1.1 For definitions of terms not appearing here, refer to Terminologies **D1356** and **E1605**.

3.2 Definitions of Terms Specific to This Standard:

3.2.1 *competence, n—(1) demonstrated ability to apply knowledge and skills.*
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¹ This practice is under the jurisdiction of ASTM Committee **D22** on Air Quality and is the direct responsibility of Subcommittee **D22.12** on Sampling and Analysis of Lead for Exposure and Risk Assessment.

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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 Available from American National Standards Institute (ANSI), 25 W. 43rd St., 4th Floor, New York, NY 10036, <http://www.ansi.org>.

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ISO 9000:2005 (3.1.6)

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ISO 9000:2005 (3.1.6),
ISO 9000:2005 (3.9.14)

3.2.2 *conformity, n*—fulfillment of a requirement.

ISO 9000:2005 (3.6.1)

3.2.3 *inspection, n*—examination of a product design, product, process, or installation and determination of its conformity with specific requirements or, on the basis of professional judgement, with general requirements.

ISO 17000:2004

3.2.4 *nonconformity, n*—non-fulfillment of a requirement.

ISO 9000:2005 (3.1.2)

3.2.5 *observation, n*—a judgment that is based on what one sees while conducting lead hazard activities and that is substantiated by objective evidence.

3.2.6 *objective evidence, n*—data supporting the existence or verity of something.

ISO 9000:2005 (3.8.1)

3.2.6.1 *Discussion*—

Objective evidence may be obtained through observation, measurement, test, or other means.

3.2.7 *procedure, n*—specified way to carry out an activity or process.

ISO 9000:2005 (3.4.5)

3.2.7.1 *Discussion*—

In many cases, procedures are documented (for example, quality system procedures). When a procedure is documented, the term “written procedure” or “documented procedure” is frequently used. A written or documented procedure usually contains the purposes and scope of an activity; what shall be done and by whom; when, where and how it shall be done; what materials, equipment and how documents shall be used; and how it shall be controlled and recorded.

3.2.8 *record, n*—a document stating results achieved or providing evidence of activities performed.

ISO 9000:2005 (3.7.6)

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<https://standards.iteh.ai/catalog/standards/astm/ae61ec5e-0299-4150-8663-39dd6967907c/astm-e2239-24>

3.2.9 *requirement, n*—need or expectation that is stated, generally implied or obligatory.

ISO 9000:2005 (3.1.2)

4. Significance and Use

4.1 This practice is intended to help reduce risks associated with lead hazards in buildings by providing standardized requirements for preserving records, findings, and recommendations associated with lead hazard activities.

4.2 This practice is intended for use by individuals and organizations that develop and have need to preserve objective evidence when contracting for or when conducting lead hazard activities themselves.

4.2.1 This practice is intended to assist in complying with management system requirements for record keeping promulgated by authorities having jurisdiction regarding conduct of lead hazard activities.

5. Records

5.1 *General Requirements:*

5.1.1 Records of original observations, evidence of conformity or nonconformity to requirements, and derived data shall contain sufficient information to provide traceability and to enable an individual having competence with lead hazard activities to reach the same conclusion(s).

5.1.2 Observations, data, and calculations shall be recorded at the time they are made and shall be identifiable to the specific task.