

R207 – SPECIFIC REQUIREMENTS: ENVIRONMENTAL LEAD TESTING
LABORATORY ACCREDITATION PROGRAM
April 2008

This document describes the accreditation requirements for laboratories performing activities associated with determining lead (Pb) contamination (i.e., laboratory analysis, field testing, and sample collection). This program covers the analysis of lead (Pb) in various matrices and includes dust, paint chips (residue), and soil.

GENERAL CRITERIA

The general criteria for accreditation are contained in ISO/IEC 17025-2005, *General Requirements for Accreditation of Testing and Calibration Laboratories*, as referenced in Part A of the A2LA's *R101 - General Requirements: Accreditation of ISO/IEC 17025 Laboratories*.

SPECIFIC CRITERIA

Specific criteria are generally an elaboration on or interpretation of the general criteria plus those requirements of accreditation applicable to a certain field of testing, testing technology, type of test, or specific test. The specific criteria for determining lead (Pb) contamination are contained in the Laboratory Quality System Requirements (LQSR) revision 3 (July 5, 2007) published by the EPA National Lead Laboratory Accreditation Program (NLLAP). This document is available from:

U.S. Environmental Protection Agency
Ariel Rios Building (7404T)
Office of Pollution Prevention and Toxics
1200 Pennsylvania Ave., N.W.
Washington D.C. 20460
Phone: (202) 566-0500
<http://www.epa.gov/lead/pubs/nllap.htm>

PROFICIENCY TESTING

Please refer to A2LA's *R103 – General Requirements: Proficiency Testing for ISO/IEC 17025 Laboratories*, the associated *R103a – Annex*, and the applicable requirements identified in section 5.9 of the Laboratory Quality System Requirements (LQSR) revision 3.

Document Revision History

Date	Description
June 29, 2001	General Criteria updated to reference ISO/IEC 17025. Specific Criteria numbering and order changed to match ISO/IEC 17025. Document Revision History section added. No other changes made.
January 9, 2004	Clauses under 4.12 Control of Records removed because of redundancy with ISO/IEC 17025 requirements. Requirement added to section 4.14 requiring management review of quality system at least once a year. Redundancies removed from section 5.3 and 5.4. Update Appendix A, B and C.
September 14, 2004	In Clause 5L.3.1, 20 micrograms per square foot has been changed to 40 micrograms per square foot.
September 13, 2005	Updated to reference ISO 17025: 2005
April 18, 2008	Updated to reflect LQSR revision 3, dated July 5, 2007

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