ACCREDITATION CRITERIA FOR TESTING LABORATORIES

AC89

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PREFACE

The attached accreditation criteria have been issued to provide all interested parties with guidelines on implementing performance features of the applicable standards referenced herein. The criteria were developed and adopted following public hearings conducted by the International Accreditation Service, Inc. (IAS), Accreditation Committee and are effective on the date shown above. All accreditations issued or reissued on or after the effective date must comply with these criteria. If the criteria are an updated version from a previous edition, solid vertical lines (|) in the outer margin within the criteria indicate a technical change or addition from the previous edition. Deletion indicators ($\rightarrow$) are provided in the outer margins where a paragraph or item has been deleted if the deletion resulted from a technical change. These criteria may be further revised as the need dictates.

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ACCREDITATION CRITERIA FOR TESTING LABORATORIES

1. INTRODUCTION

1.1. **Scope:** These criteria set forth the requirements for obtaining and maintaining International Accreditation Service, Inc. (IAS), Testing Laboratory accreditation. These criteria supplement the IAS Rules of Procedure for Testing Laboratory Accreditation.

1.2. **Normative and Reference Documents**: Publications listed below refer to current editions (unless otherwise stated).

1.2.1. ISO/IEC Standard 17025, General requirements for the competence of testing and calibration laboratories.

1.2.2. ILAC-P9, ILAC Policy for Participation in Proficiency Testing Activities.

1.2.3. ISO/IEC Standard 17000, Conformity assessment – Vocabulary and general principles.

1.2.4. ILAC-P10, ILAC Policy on Metrological Traceability of Measurement Results.

2. DEFINITIONS

Applicable definitions of ISO/IEC Standard 17000 series apply.

3. ELIGIBILITY

Accreditation services are available to testing laboratories that:

3.1. Perform tests of its legal entities' own products (internal).

3.2. Perform tests of products of external organizations (external).

4. REQUIRED BASIC INFORMATION

Testing laboratories must demonstrate compliance with the following requirements:

4.1. ISO/IEC Standard 17025, General requirements for the competence of testing and calibration laboratories.

4.2. IAS Rules of Procedure for Testing Laboratory Accreditation.

4.3. ILAC P-9, ILAC Policy for Participation in Proficiency Testing Activities.

4.4. ILAC-P10, ILAC Policy on Metrological Traceability of Measurement Results.

4.5. Relevant IAS policy documents.

4.5.1. IAS/CL/025 IAS Policy on Calibration, Traceability and Measurement Uncertainty for Testing Laboratories

4.5.2. IAS/TL-CL/026 Policy on Off-Site Testing/Calibration

4.5.3. IAS/TL-CL/031 IAS Policy on Proficiency Testing for Laboratories

4.5.4. IAS/ADM/044 IAS Policy on Relocation of Accredited Organizations

5. **ADDITIONAL INFORMATION (AS APPLICABLE)**

   5.1. **Proficiency Testing Activity**: Proficiency testing activity shall be completed in accordance with ILAC-P9 and IAS/TL-CL/031, IAS Policy on Proficiency Testing for Laboratories.

   5.2. **Regulatory Requirements**: Regulatory entities may place specific compliance requirements on laboratories. If a laboratory is required to comply with the regulatory requirements as may be applicable, they must agree to comply with additional requirements.

   Testing laboratories must comply with regulatory requirements of Authority Having Jurisdiction (AHJ) or other regulatory entities, including specific compliance requirements for qualification, licensing, etc., of personnel and operation of testing laboratory.

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6. **LINKS TO ADDITIONAL REFERENCES**

   6.1   Asia Pacific Accreditation Cooperation – www.apac-accreditation.org

   6.2   International Laboratory Accreditation Cooperation – www.ilac.org

   6.3   International Organization for Standardization – www.iso.org

   6.4   International Electrotechnical Commission – www.iec.ch

   6.5   International Accreditation Service – www.iasonline.org

   6.6   Article on ISO/IEC 17025:2017 – https://www.iasonline.org/wp-content/uploads/2018/01/The-New-ISO-IEC-17025-2017.pdf

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