



ACCREDITATION CRITERIA FOR CALIBRATION LABORATORIES

AC204

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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 (→) 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 CALIBRATION LABORATORIES

1. INTRODUCTION

- 1.1. **Scope:** These criteria set forth the requirements for obtaining and maintaining International Accreditation Service, Inc. (IAS), Calibration Laboratory accreditation. These criteria supplement the IAS Rules of Procedure for Calibration 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. ISO/IEC Standard 17000, Conformity assessment — Vocabulary and general principles.
 - 1.2.3. ISO 17034 General requirements for the competence of reference material producers
 - 1.2.4. JCGM 100:2008, GUM 1995 with minor corrections, Evaluation of measurement data – Guide to the expression of uncertainty in measurement.
 - 1.2.5. ILAC P9, ILAC Policy for Participation in Proficiency Testing Activities.
 - 1.2.6. ILAC P10, ILAC Policy on Metrological Traceability of Measurement Results.
 - 1.2.7. ILAC P14, ILAC Policy for Measurement Uncertainty in Calibration

2. DEFINITIONS

- 2.1. Applicable definition of ISO/IEC Standard 17000 series apply.
- 2.2. JCGM 200:2012 International vocabulary of metrology – Basic and general concepts and associated terms.

3. ELIGIBILITY

Accreditation services are available to calibration laboratories which:

- 3.1. Perform calibrations of its own company (internal).
- 3.2. Perform calibrations of products of external organizations (external).

4. REQUIRED BASIC INFORMATION

Calibration 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 Calibration Laboratory Accreditation.
- 4.3. ILAC P9, ILAC Policy for Participation in Proficiency Testing Activities.
- 4.4. ILAC P10, ILAC Policy on Metrological Traceability of Measurement Results.

