



May 6, 2024

TO: IAS ACCREDITED CALIBRATION LABORATORIES AND OTHER INTERESTED PARTIES.

SUBJECT: Proposed Revisions to the Accreditation Criteria for Calibration Laboratories, AC204-202406-R0 (OV/MS)

Hearing Information:

IAS Accreditation Committee

Wednesday, June 26, 2024

8:30 am (Pacific Time Zone)

WebEx Meeting – Refer to IAS website for details.

Dear Madam or Sir:

Proposed Revisions to the Accreditation Criteria for Calibration Laboratories, (AC204) has been placed on the agenda for committee consideration at the above-noted meeting.

Proposed changes include:

1. Section 1.2 - list order has been adjusted per the document number prefix.
2. Section 1.2 – New normative and reference documents added.
3. Section 2.2 - Standard on international vocabulary and general concepts added.
4. Section 5 – Edited title name.
5. Section 5.3 – Deleted. Transition period is over.
6. Section 6 – Links removed for transition policy. Proposing addition of link to BIPM.

You are cordially invited to submit written comments, or to attend the WebEx committee hearing and present verbal comments. Written comments will be forwarded to the committee, **prior to the hearing**, if received by June 3, 2024. For your convenience, a comment form is provided. The link can be found on the Accreditation Committee meeting page on the IAS website, www.iasonline.org. Comments must be emailed to iasinfo@iasonline.org.

Parties interested in proposed revised criteria may deliver written communications and submissions regarding such proposed criteria to IAS within approximately 30 days of posting of the public notice on the IAS website. The committee shall be informed of all pertinent written communications received by IAS. Any relevant communication and changes to a criteria arising from the written communication/submission shall be posted to the IAS website prior to the meeting.

Participants at the accreditation committee meetings shall have the opportunity to speak on the proposed criteria to provide information to the committee. Committee meetings are generally held by electronic means. Participants are responsible to ensure access to appropriate computer equipment, software, and internet connectivity to ensure effective participation during the meeting.

Your cooperation is requested in forwarding to IAS, as noted above, all material directed to the committee. Prior to the hearing, parties interested in the deliberations of the committee should refrain from communicating, whether in writing or verbally, with committee members regarding agenda items. The committee reserves the right to refuse communications that do not comply with this request.

If you have any questions, please contact IAS at 562-364-8201. You may also reach us by e-mail at iasinfo@iasonline.org.

Yours very truly,

International Accreditation Service

IAS Management

Enclosures: Proposed Revised AC204

cc: Accreditation Committee



ACCREDITATION CRITERIA FOR CALIBRATION LABORATORIES

AC204

~~October 2020~~TBD
Effective ~~December 1, 2020~~TBD

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.

IAS may consider alternate criteria provided the proponent submits substantiating data demonstrating that the alternate criteria are at least equivalent to the attached criteria and otherwise meet applicable accreditation requirements.

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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.

~~1.2.2.1.1.1. ILAC-P9, ILAC Policy for Participation in Proficiency Testing Activities.~~

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.](#)

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

~~1.2.3.1.2.5.~~

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

1.2.5.1.2.7. 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 that:

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.

- 68 | 4.2. IAS Rules of Procedure for Calibration Laboratory Accreditation.
69 | 4.3. ILACP9, ILAC Policy for Participation in Proficiency Testing Activities.
70 | 4.4. ILAC-P10, ILAC Policy on Metrological Traceability of Measurement Results.
71 | 4.5. ILAC-P14, ILAC Policy for Measurement Uncertainty in Calibration.
72 | 4.6. Relevant IAS policy documents:
73 | 4.6.1. IAS/CL/014 IAS Policy on Calibration, Traceability, and Measurement Uncertainty for
74 | Calibration Laboratories
75 | 4.6.2. IAS/TL-CL/026 Policy on Off-Site Testing/Calibration
76 | 4.6.3. IAS/TL-CL/031 IAS Policy on Proficiency Testing for Laboratories
77 | 4.6.4. IAS/ADM/044 IAS Policy on Relocation of Accredited Organizations
78 |

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

80 | **5.1. Measurement Uncertainty:** Accredited calibration laboratories must report measurement
81 | uncertainty in all calibration reports.

82 | 5.1.

83 | **5.2. Proficiency Testing Activity:** Proficiency testing activity shall be completed in accordance
84 | with ILAC-P9 and IAS/TL-CL/031, IAS Policy on Proficiency Testing for Laboratories.

85 | ~~**5.3. IAS Transition Policy for International Standard ISO/IEC 17025:2017:** Laboratories that
86 | have not demonstrated full compliance with ISO/IEC 17025:2017 international standard by June
87 | 1, 2021, are subject to suspension and their accreditation certificate will be removed from the
88 | IAS website until further compliance is demonstrated. For further details, please refer to the
89 | transition policy posted on the IAS website.~~

91 | **6. LINKS TO ADDITIONAL REFERENCES:**

92 | 6.1 Asia Pacific Accreditation Cooperation – www.apac-accreditation.org

93 | 6.2 International Laboratory Accreditation Cooperation – www.ilac.org

94 | 6.3 International Organization for Standardization – www.iso.org

95 | 6.4 International Electrotechnical Commission – www.iec.ch

96 | 6.5 International Accreditation Service – www.iasonline.org

97 | ~~6.6 IAS Transition Policy – [https://www.iasonline.org/wp-content/uploads/2018/01/17025-Transition-](https://www.iasonline.org/wp-content/uploads/2018/01/17025-Transition-Policy-June-2020.pdf)
98 | [Policy-June-2020.pdf](https://www.iasonline.org/wp-content/uploads/2018/01/17025-Transition-Policy-June-2020.pdf)~~

99 | ~~6.6 Article on ISO/IEC 17025:2017 – [https://www.iasonline.org/wp-content/uploads/2018/01/The-](https://www.iasonline.org/wp-content/uploads/2018/01/The-New-ISO-IEC-17025-2017.pdf)
100 | [New-ISO-IEC-17025-2017.pdf](https://www.iasonline.org/wp-content/uploads/2018/01/The-New-ISO-IEC-17025-2017.pdf)~~

101 | 6.7 [Bureau International des Poids et Mesures - https://www.bipm.org/en/](https://www.bipm.org/en/)
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104 These criteria were previously issued September 2002, May 2004, August 2006, April 2008, May 2010, June 2013, February 2016,
105 April 2017 ~~and~~, September 2018 ~~and TBD~~.
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