



April 21, 2025

TO: IAS CALIBRATION LABORATORIES AND OTHER INTERESTED PARTIES.

SUBJECT: Proposed Revisions to the Accreditation Criteria for Calibration Laboratories, AC204-202506-R0 (GS)

Hearing Information:

IAS Accreditation Committee

Wednesday, June 11, 2025

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) have been placed on the agenda for committee consideration at the above-noted meeting.

Proposed changes include:

Line 38-39 and 58-59 – Update of ILAC P9 reference to explicitly include interlaboratory comparisons other than proficiency testing for consistency with the latest ILAC policy.

Line 66-67 and 78-79 – Proficiency testing requirements updated to align with ILAC P9 and additional clarifications regarding participation in IAS/ADM/103 policies.

Line 69-71 – Updated references to IAS policy documents, including:

- IAS/ADM/084 – IAS Policy on the Use of ILAC/IAF/IAS Combined Marks
- IAS/ADM/100 – IAS Policy for Integrated Accreditation of Multi-Site Conformity Assessment Bodies

These changes aim to enhance alignment with ILAC policies, provide additional clarity on IAS requirements, and reinforce expectations for proficiency testing in calibration laboratories.

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 **May 30, 2025**. 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



1
2 **PROPOSED REVISIONS TO THE ACCREDITATION CRITERIA FOR CALIBRATION**
3 **LABORATORIES**

4
5 **AC204**
6

7
8 **Proposed June 11, 2025**
9 **Effective xxxxx**
10

11
12
13 **PREFACE**
14

15 The attached accreditation criteria have been proposed to provide all interested parties
16 with an opportunity to comment. These criteria may be further revised as needed. The
17 criteria are developed and adopted following public hearings conducted by the
18 International Accreditation Service, Inc. (IAS), Accreditation Committee and are
19 effective on the first of the month following approval by the Accreditation Committee, but
20 no earlier than 30 days following the approval.

PROPOSED REVISIONS TO THE 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~~ Proficiency Testing and/or Interlaboratory comparisons other than Proficiency Testing

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 (VIM).

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~~ Proficiency Testing and/or Interlaboratory comparisons other than Proficiency testing
- 4.4. ILAC P10, ILAC Policy on Metrological Traceability of Measurement Results.
- 4.5. ILAC P14, ILAC Policy for Measurement Uncertainty in Calibration.
- 4.6. Relevant IAS policy documents:
- 4.6.1. IAS/CL/014 IAS Policy on Calibration, Traceability, and Measurement Uncertainty for Calibration Laboratories
- 4.6.2. IAS/TL-CL/026 IAS Policy on Off-Site Testing/Calibration
- 4.6.3. ~~IAS/TL-CL/031 IAS Policy on Proficiency Testing for Laboratories~~ IAS/ADM/103 IAS Policy on Participation in Proficiency Testing and/or Interlaboratory Comparisons
- 4.6.4. IAS/ADM/044 IAS Policy on Relocation of Accredited Organizations
- 4.6.5. IAS/ADM/100 IAS Policy for the Integrated Accreditation of a Conformity Assessment body Having Multi-Site Activities in Multiple Locations
- 4.6.6. IAS/ADM/084 IAS Policy on the use of the ILAC/IAF/IAS Combined Marks

5. ADDITIONAL INFORMATION

- 5.1. **Measurement Uncertainty:** Accredited calibration laboratories must report measurement uncertainty in all calibration reports.
- 5.2. **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~~ IAS/ADM/103 IAS Policy on Participation in Proficiency Testing and/or Interlaboratory Comparisons

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>
- 6.7 Bureau International des Poids et Mesures – <https://www.bipm.org/en/>

These criteria were previously issued September 2002, May 2004, August 2006, April 2008, May 2010, June 2013, February 2016, April 2017, September 2018, December 2021, June 2024 and August 2024.