



Accreditation Facilitating World Acceptance of Data

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ILAC Chair**

ILAC's Global Role



Principal international forum for:

- Recognition of competent test and calibration labs, inspection bodies, proficiency testing providers (PTP) and reference material producers (RMP) world-wide through its Mutual Recognition Arrangement (MRA)
- Development and appropriate harmonization of laboratory, inspection body, PTP and RMP accreditation practice
- Promotion of laboratory and inspection accreditation as a trade facilitation tool
- Assisting with the development of laboratory, inspection, PTP and RMP accreditation systems

What is ILAC ?

International Laboratory Accreditation Cooperation



- Established in 1977 to promote communication among laboratory accreditation bodies of the world.
- Formalized as a cooperation in 1996 with 44 bodies signing a Memorandum of Understanding (MOU).
- On 2 November 2000, a mutual recognition arrangement (MRA) was signed, among those members which had successfully completed a peer evaluation.
- ILAC was incorporated in the Netherlands on 20 January 2003.
- MRA was extended in October 2012 to include inspection body accreditation
- MRA was extended in May 2019 to include accreditation of proficiency testing providers
- MRA was extended in April 2020 to include accreditation of reference material producers
- 102 Signatories (Full Members) to the Arrangement, representing 104 economies.
- Almost 79,800 laboratories, over 11,350 inspection bodies, 470 proficiency testing providers and 40 reference material producers have been accredited by the 101 ILAC Full Members

ILAC MRA in summary



ILAC MRA 2019

AROUND THE WORLD



**The ILAC MRA was extended in May 2019 to include accreditation of Proficiency Testing Providers to ISO/IEC 17043 and Reference Material Producers to ISO 17034 in April 2020

5 regional cooperation bodies recognised under the ILAC MRA

102 signatories to the ILAC MRA from 104 economies.

ILAC MRA How it works



The MRA of the recognized regions underpin the ILAC Arrangement (MRA).

Currently, the MLA/MRAs of 5 of the 6 Regional Cooperation Bodies: IAAC, AFRAC, APAC, ARAC, and EA are recognised by ILAC

Recognition of a region is achieved after successful peer evaluation by ILAC every 4 years.

Signatories to IAAC, AFRAC, APAC, ARAC and EA, who are also members of ILAC, are entitled to become signatories (Full Members) to the ILAC MRA

Over 91 600 labs, inspection bodies, PT providers and RM producers accredited by the 102 signatories to the ILAC MRA!

ILAC MRA Annual Report 2019



[ILAC MRA Annual Report 2019](#)

ILAC Transition period for ISO/IEC 17025 extended



- The transition period for ISO/IEC 17025:2017 adopted as part of the ILAC Resolution GA 20.15 (November 2016) has been extended from 30 November 2020 to **1 June 2021**. This extension has been granted to ensure all accreditation bodies and the accredited laboratories are able to achieve the remaining transitions in a robust manner under the restrictions imposed as a result of the global coronavirus disease 2019 (COVID-19) outbreak.
- At the end of the transition period, the accreditation of a laboratory to ISO/IEC 17025:2005 will not be recognised under the ILAC Arrangement.
- The ISO/ILAC ISO/IEC 17025:2017 Transition Communique available from <https://ilac.org/about-ilac/partnerships/international-partners/iso/> has been updated to reflect this extension to the transition period.

ILAC-MRA Mark



ILAC-MRA Mark (cont'd)



- 83 ILAC MRA signatories have signed the ILAC R7-F1 *Agreement for the use of the ILAC MRA Mark*.
- These ILAC MRA signatories are entitled to use the “Combined ILAC MRA Mark” (i.e. the ILAC MRA Mark used in combination with the accreditation body’s logo) for accreditation activities covered by the scope of their ILAC MRA signatory status.
- These ILAC MRA signatories are also able to permit their accredited conformity assessment bodies (CABs) to use the “Accredited CAB Combined ILAC MRA Mark” (i.e. the ILAC MRA Mark used in combination with the ILAC MRA signatory’s accreditation symbol that the accredited CAB is entitled to use).

ILAC Publications Recent Updates



- The latest version of **ILAC P10:07/2020 *ILAC Policy on Metrological Traceability of Measurement Results*** has been published and is available from <https://ilac.org/publications-and-resources/ilac-policy-series/>
- This document addresses the ILAC policy on metrological traceability of measurement results.
- This latest revision reflects the 2017 version of ISO/IEC 17025 and provides additional clarification of its applicability to other conformity assessment activities where measurement is involved.
- The implementation date for this most recent version of ILAC P10 is July 2021.

ILAC Publications Recent Updates



- The latest version of **ILAC P14:09/2020 *ILAC Policy for Measurement Uncertainty in Calibration*** has been published and is available from <https://ilac.org/publications-and-resources/ilac-policy-series/>
- This document sets out the requirements and guidelines for the estimation and statement of uncertainty in calibration. This latest revision reflects the 2017 versions of ISO/IEC 17011 and ISO/IEC 17025.
- The policy continues to be based on the Guide to Uncertainty in Measurement (GUM) and retains the common understanding of the term CMC from the joint declaration issued by the BIPM and ILAC <https://ilac.org/about-ilac/partnerships/international-partners/bipm/>
- The implementation date for this 09/2020 version of ILAC P14 is March 2021.

ILAC Publications Recent Updates



ILAC – BIPM: Joint Statement

Accreditation of Calibration and Measurement Services of National Metrology Institutes

- [The Joint ILAC-CIPM Communication 2020](#) and provides guidance on the accreditation process of National Metrology Institutes (NMIs) for their measurement services in order for the NMI to optimise the benefits from being accredited when it is, or is in the process of becoming, a signatory to the CIPM MRA, and to generally facilitate the process for Accreditation Bodies when accrediting the measurement services of NMIs.



Specifying Accreditation for COVID-19 Testing

- ILAC has published a factsheet covering key points for immigration agencies and border force regulators that should be addressed if SARS-CoV-2 (COVID-19) testing is being considered for inclusion in traveler screening protocols. The factsheet is available from <https://ilac.org/publications-and-resources/ilac-promotional-brochures/> under Specifying Accreditation.

ILAC Publications *(published since August 2019)*



- **ILAC G8:09/2019** *Guidelines on Decision Rules and Statements of Conformity*
- **ILAC-R2A:11/2019** *ILAC Rules: Articles of Association*
- **ILAC-R2B:11/2019** *ILAC Rules: Bylaws*
- **IAF/ILAC B7:03/2020** *Accreditation: Supporting the Delivery of Health and Social Care*
- **IAF/ILAC B10:03/2020** *Accreditation: Delivering a safer world*
- **IAF/ILAC B11:03/2020** *Accreditation: Adding value to supply chains*
- **ILAC B13: 03/2020** *Why become an accredited reference material producer*
- **IAF/ILAC A1:03/2020** *IAF/ILAC Multi-Lateral Mutual Recognition Arrangements (Arrangements): Requirements and Procedures for Evaluation of a Regional Group*

ILAC Publications *(published since August 2019)*



- **IAF/ILAC A3:03/2020** *IAF/ILAC Multi-Lateral Mutual Recognition Arrangements (Arrangements): Template report for the peer evaluation of an Accreditation Body based on ISO/IEC 17011:2017*
- **ILAC-P15:05/2020** *Application of ISO/IEC 17020:2012 for the Accreditation of Inspection Bodies*
- **ILAC-G29:06/2020** *Guidelines for harmonization of scopes of ISO/IEC 17025 accreditation of WADA anti-doping laboratories*
- **ILAC P10:07/2020** *ILAC Policy on Metrological Traceability of Measurement Results*
- **ILAC P14:09/2020** *ILAC Policy for Measurement Uncertainty in Calibration*
- **Factsheet:** *Specifying Accreditation for COVID-19 Testing (published Aug 2020)*

Many of the ILAC documents and brochures have been translated into a range of different languages.

Biobanking



- ***ILAC Resolution GA 22.19***

The General Assembly resolves that the standard applicable to biobanks for the purposes of accreditation will be ISO 20387 *Biobanking – General requirements for biobanking*, to be used as a standalone standard.³ ILAC MRA signatories have signed the ILAC R7-F1

- July 2020 ILAC was accepted as an A Liaison to ISO TC 276 WG 2 *Biobanks and Bioresources*. Lorraine Turner from UKAS, UK is the ILAC Liaison Representative.
- A short brochure on the benefits of Accreditation to ISO 20387 is in the final stages of development.

Key International partners



International Partnerships (cont'd)



- Joint BIPM/ILAC Statement on the roles of NMIs and NABs.
- Joint Declaration of the BIPM, OIML and ILAC promoting the existing three MRAs.
- Joint BIPM, OIML, ILAC and ISO Declaration on Metrological Traceability.
- Joint ILAC-OIML Assessment Procedure in the field of Legal Metrology.
- Joint ISO-ILAC-IAF Communiqué on the alignment of ISO/IEC 17025 with the pertinent requirements of ISO 9001 updated April 2017
- Joint ISO-ILAC-IAF Communiqué on the alignment of ISO 15189:2012 with the pertinent requirements of ISO 9001 (2008) updated January 2015.
- Joint ISO-ILAC-IAF Communiqué on the alignment of ISO/IEC 17020:2012 with the pertinent requirements of ISO 9001 released September 2013.

International Network on Quality Infrastructure (INetQI)



- As part of INetQI, international organizations have agreed to enhance their cooperation in promoting the understanding, value and acceptance of the quality infrastructure and providing guidance and support for its effective implementation and integration worldwide.
- Quality infrastructure is required for the effective operation of domestic markets, and its international recognition is important to facilitate access to foreign markets. It relies on metrology, standardization, accreditation, conformity assessment, and market surveillance.
- ILAC is one of the original partners in INetQI
- ILAC is providing the Chair for INetQI during the period 2018 - 2020
- The former ILAC Chair, Merih Malmqvist Nilsson, has been appointed by the ILAC Executive to undertake the role of Chair of INetQI on behalf of ILAC.

Public Sector Assurance Website



- This website was initially a collaborative initiative between ILAC, ISO, IAF, IEC and IIOC.
- In 2020 this collaboration broadened to include all of the global quality infrastructure partners (INetQI) represented by the BIPM, IAF, IEC, ILAC, ISO, ITC, ITU, OIML, UNECE, World Bank Group, WTO and UNIDO to demonstrate how the quality infrastructure supports policy objectives. It also includes trade associations such as IIOC and IQNET.
- This website includes case studies and research on the recognition of the ILAC MRA by governments and regulators
- There are over **325** case studies, **88** research papers and **57** supporting materials available to view.
- We are always seeking the best examples to post on this website of conformity assessment helping the public sector.

Business Benefits Website



- The website was initially developed by the ILAC MCC / IAF CMC in partnership with IIOC and ISO.
- In 2020 this collaboration broadened to include all of the global quality infrastructure partners (INetQI) represented by the BIPM, IAF, IEC, ILAC, ISO, ITC, ITU, OIML, UNECE, World Bank Group, WTO and UNIDO. It also includes trade associations such as IIOC and IQNET.
- This reference website was launched in 2017 and is designed to demonstrate the monetary value of standards, conformity assessment and accreditation for businesses.
- There are over **95** case studies categorised into 6 areas of value. All of the case studies identify a clear financial benefit. The site also includes over **74** research papers.
- We are always seeking the best examples to post on this website of conformity assessment helping the public sector.

Sources of Further Information



- **ILAC News and Online Newsletters** – published twice a year <https://ilac.org/news-and-events/ilac-newsletter/>
- **Subscribe to the latest ILAC Updates** – https://ilac.org/latest_ilac_news/
- **ILAC Brochures** – a wide range of brochures are available to download from the [publication pages](#) of the ILAC website for regulators and consumers
- **Annual Report** – ILAC publishes an [Annual Report](#) each year that sets out the key developments and status of the MRA
- **Social Media** – Follow [@ILAC Official](#) on Twitter to receive the latest ILAC news, including information on meetings, events, liaison activities and new publications
- **Public Sector Assurance** - <https://publicsectorassurance.org/> includes case studies demonstrating implementation of conformity assessment and accreditation in supporting regulators and their role
- **Business Benefits** - <https://business-benefits.org/> source of case studies demonstrating monetary benefits as a result of accredited conformity assessment services



Thank you

