



CALIBRATION ACCREDITATION ADVISORY COMMITTEE

Summary of the 11th Accreditation Advisory Committee Meeting

Committee membership

It was confirmed that the general overall expertise of the Committee generally matches the services of the accredited facilities. No committee changes are required until March 2026 or the resignation of a committee member.

Review of Accreditation Criteria and Processes

The following NATA publications under the responsibility of the Calibration Sector are subject to further review because of outcomes from the meeting:

- A supplementary explanation/interpretation for the calibration of sound level meters using IEC 61672 part 3 for linearity to be included in the *Calibration - Annex, Acoustic, ultrasound and vibration* measurement for public comment.
- Updating the *Dimensional Metrology Annex* to clarify the differing types of coating thickness gauges and surface finish measurement requirements.
- Review *Annex Temperature metrology*
- Give consideration to expressing values as a percentage and amend the guidance prepared for the *Calibration Appendix*.
- Review NATA's *Specific Accreditation Guidance: Calibration reference equipment table*.
- Review *Annex, Mass and related quantities* for pressure transducer calibration.

Changes to the NATA accreditation criteria will be published after stakeholder feedback is sought and considered.

Technical Matters

As listed above, the annex for Acoustic, ultrasound and vibration will be updated and the draft made available for comment for the interpretation of the criteria used for periodic testing of sound level meters for linearity.

For ensuring the validity of results as per 7.7 of ISO/IEC 17025, the requirements of the Calibration appendix must be followed and facilities must ensure that the proficiency testing (PT) plan periodically verifies the CMC. Note this does not preclude facilities to participate in in PT that does not verify the CMC as long as the CMC is periodically verified.

Other points of interest

The year 2025 marks the 150th Anniversary of the Metre Convention. This anniversary celebrates a century and a half of international collaboration in metrology, highlighting the profound impact of measurements on our past, present and future.

The Metrological Society of Australasia conference will be held on the 25-28 August 2025.

MSA Technical method 1 is under review



Manufacturers of digital reference equipment are claiming tighter accuracy specifications. There is a high risk if a facility was to adopt these tight specifications without establishing a drift history resulting in a measurement uncertainty value that is too low.