

**CALIBRATION  
ACCREDITATION ADVISORY COMMITTEE  
SUMMARY OF THE MINUTES OF THE 9<sup>th</sup> MEETING  
20<sup>th</sup> October 2021**

Committee membership

AAC member terms are current until at least August 2022. Rai Pippia and Graham Smith terms expire in Aug 2022. Expression of interest for the two vacancies will be organised next year.

Noting the previous action item to recruit a Chemical Metrology expert on the AAC the AAC acknowledged this committee has access to suitable experts on the other AACs to support this technical need.

Review of Accreditation Criteria and Processes

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

- To consider adding a general set of criteria in the Calibration Appendix under the requirements to report Parts per Million (PPM) as a ratio value in calibration certificates;
- A general review of the Temperature Metrology Annex with further guidance on humidity instrumentation;
- Updating the Dimensional Metrology Annex to clarify the differing types of coating thickness gauges as they appear in scopes of accreditation;
- To review and provide advice on the need for additional guidance in the Metrology Annex when evaluating the measurement uncertainty of Surface Friction Pendulum testers.
- Give consideration to expressing values as a percentage and amend the guidance prepared for the Calibration Appendix;
- Withdraw NATA's General Accreditation Guidance document on In-situ Calibration of Barometers.

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

Technical Matters

The committee reviewed the application of accreditation in the following activities:

- Transformer verification through secondary injection modelling technique. The AAC will endeavour to consider any limitations of this technique and confirm suitable metrological traceability is supported. The AAC will consider if further guidance is needed to address risk when applying this technique;
- Report due dates on calibration certificate. It was noted that customers of calibration laboratories are informed of set calibration intervals in the terms and conditions of the calibration quotation, thus meeting the requirements for this activity as per ISO/IEC 17025;
- Reporting measurement uncertainties much less than an instruments resolution. The AAC advised this may occur when the calibration is performed at the cardinal points on analogue gauges;
- The SI Digital Framework and machine-readable calibration certificates, noting the new technical infrastructure being developed by the BIPM.

The next meeting of the Calibration AAC is scheduled for April 2023.