

**CALIBRATION
ACCREDITATION ADVISORY COMMITTEE
SUMMARY OF THE MINUTES OF THE 8th MEETING
7th April 2020**

Committee membership

With the retirement of Ms Meg Croft from the committee, the AAC is to seek expressions of interest for a new committee member with technical expertise in chemical metrology.

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:

- An update of the Acoustics and Vibration Annex in order to address the release of new Standard Methods recently published by ISO;
- To consider adding a general set of criteria in the Calibration Appendix under the requirements for scopes of accreditation in order for the CMC to be listed in both magnitude and phase components when the phase component is used for the further propagation of metrological traceability;
- A general review of the Temperature Metrology Annex;
- To revise the wording around the reporting of uncertainties less than that on the scope of accreditation to ensure it is understood this excludes reports used as part of internal quality assurance and proficiency testing activities;
- To add instruction in the Calibration Appendix when calculating error as a percentage, that being the reference value is to be used as the divisor;
- To provide distinction between volt ratio boxes and ratio transformers in the Reference Equipment table.

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:

- Metrological traceability for humidity measurements, the calibration of humidity chambers and new guidance on the calibration of psychrometers from the BIPM and World Meteorological Organisation (WMO). Additional guidance for the Temperature Metrology Annex will be considered as part of the Temperature Metrology Annex review;
- The use of Model Based Testing (MBT) in current transformer calibration and the calibration of these MBT type test sets. A working group will be formed to clarify NATA's position on MBT and its accreditation under ISO/IEC 17025;
- Laboratory authorisation and management of mobile calibration laboratories. These laboratories must be operating under the same ABN (legal entity) of the accredited laboratory or seek their own accreditation as a subcontractor.

The next meeting of the Calibration AAC is scheduled for April 2021.