



## PROFICIENCY TESTING PROGRAM

### Measurement Audits and Calibration Programs

#### Company Background

Proficiency Testing Australia (PTA) is one of Australia's largest and most experienced proficiency testing providers. We have a reputation for providing friendly, customer-focussed service using qualified, experienced staff and specialists.

PTA is able to service a very broad range of industries, and many of our clients come to use our services based on the recommendation of colleagues. PTA has offices in Sydney and Brisbane, so our services and support are readily accessible.

#### Aim of the Program

Measurement Audits and Calibration Programs are used to build and maintain mutual confidence in the technical competence of laboratories. Interlaboratory comparisons provide objective evidence that laboratories are competent and can achieve the level of accuracy for which they are accredited. They provide a means for improving the quality and performance of laboratories. Measurement Audits and Calibration Programs can also assess the participants' ability to estimate their uncertainty of measurement.

#### Application of program to accreditation

Participation in proficiency testing programs will satisfy the requirements of ISO/IEC 17025:2017 *General requirements for competence of testing and calibration laboratories* for monitoring your performance by comparison with results of other laboratories.

#### Program Details

Measurement Audits involve the participant undertaking a test or series of tests on a PTA test item. The participant's results are compared against the test item's known values, taking into account the measurement uncertainties from the reference value and those reported by the participant.

Calibration Programs involve the circulation of a measurement test item (or set of test items) amongst a group of laboratories undertaking those particular measurements.

The test items are fully characterised, with current calibration data and reference values.

PTA has an extensive range of test items covering most areas of calibration including: Acoustic and Vibration, Electrical, Heat and Temperature, Physical and Dimensional Metrology, and Optics and Radiometry.

### **Confidentiality**

Each participating laboratory is assigned a code number to allow for confidential treatment of results in all reports and publications produced by PTA. Please refer to the PTA website

<http://www.pta.asn.au/index.php/programs/confidentiality>  
for more information.

### **Fees**

Please contact PTA for information on fees for this program.

### **Further Information**

For further information on Measurement Audits and Calibration Programs contact [ptaenquiry@pta.asn.au](mailto:ptaenquiry@pta.asn.au)