



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.

Proficiency Testing Australia 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. Proficiency Testing Australia has offices in Sydney and Brisbane, so our services and support are readily accessible.

Proficiency Testing Australia is accredited as a Proficiency Testing Provider by The American Association for Laboratory Accreditation. The accreditation covers the specific proficiency testing sample/artefact types listed on the agreed scope of accreditation. The accreditation meets the requirements of ISO/IEC 17043 *Conformity assessment - general requirements for proficiency testing*.

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 would satisfy requirements of ISO/IEC 17025: 2005 *General requirements for competence of testing and calibration laboratories*.

Program Details

Measurement Audits and Calibration Programs involve the participant undertaking a test or series of tests on a PTA artefact. The participant's

results are compared against the artefact'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 artefact (or set of artefacts) amongst a group of laboratories undertaking those particular measurements.

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

PTA has an extensive range of artefacts 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/pta_Confidentiality) for more information.

Fees

Refer to the current PTA fee schedule available on the PTA website (www.pta.asn.au/pta_Schedules)

Further Information

For further information on the Measurement Programs contact ptaenquiry@pta.asn.au