

Ultrasonics

Aim of the Program

This proficiency testing program aims to assess laboratories' ability to competently test the relevant artefact using ultrasonic A scan pulse echo technique in accordance with AS 2207 Level 2; and to provide participants with external quality assurance to enhance accuracy and reliability.

Application of the Program to Accreditation

Participation in this proficiency testing program satisfies the requirements of ISO/IEC 17025:2017 – *General Requirements for the Competence of Testing and Calibration Laboratories* for monitoring performance by comparing results with other laboratories.

Program Details

The Ultrasonics program is an annual program, running continuously for 12 months as a round robin.

Samples – Plate or Pipe

Tests – The test specimen is testing using ultrasonic A scan pulse echo technique and relevant discontinuities to be recorded on an appropriate drawing.

Statistical Analysis:

Participant results are compared against the reference values to provide a score.

Reporting:

At the conclusion of each round, each participant receives a confidential individual summary sheet, detailing its performance in the program, and a final program report summarising all participant data.

Confidentiality

Each participant is assigned a unique code number, keeping all results anonymous in all PTA reports and publications.

Fees and Further Information

For information on program fees or other enquiries, please contact PTA directly:

Email: ptaenquiry@pta.asn.au