

Rocks

Aim of the Program

This proficiency testing program aims to assess laboratories' ability to competently perform the tests in accordance with the AS 4133 and ASTM series of standards; 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 Rocks program is an annual program comprised of one round per year.

Samples – One to five plaster cylinder samples.

Tests – Point Load Strength Index, Uniaxial Compressive Strength, Moisture Content, Uniaxial Compressive Strength and Deformability, Splitting Tensile Strength, Rock Porosity and Dry Density and Abrasiveness of Rock using CERCHAR method.

Statistical Analysis:

A robust z-score technique is used to assess performance.

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