



PROFICIENCY TESTING PROGRAM

Correlated Fuel Research Program

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 International Accreditation New Zealand (IANZ). The accreditation covers the specific proficiency testing programs listed on the agreed scope of accreditation. The accreditation meets the requirements of ISO/IEC 17043:2010 *Conformity assessment - general requirements for proficiency testing*.

Aim of the Program

The PTA Correlated Fuel Research Program has been designed to provide participating laboratories an external means of evaluating the accuracy and reliability of results obtained by laboratories which test petrol and aviation gasoline.

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

The CFR program is an annual program consisting of monthly tests. Testing is conducted on petrol and aviation gasoline samples. Petrol samples are tested for their Research Octane Number (RON) and Motor Octane Number (MON) and are dispatched every month. AVGAS samples are only tested for a MON result and are dispatched every second month.

A robust statistical approach, using z-scores, is used to assess laboratories' performance. Participants are requested to report an estimate of their measurement uncertainty (MU).

Fees

Please contact PTA for information on fees for this program.

Further Information

For further information on the CFR Program contact ptaenquiry@pta.asn.au