

17 June 2020

www.pta.asn.au

Dear Potential Participant,

I wish to advise the following:

Proficiency Testing Program – Coal Round 41

Samples

- one 125g coal sample
- one 10g ash sample

Tests

a) Coal Sample:

Moisture, Ash, Volatile Matter, Gross Calorific Value, Total Sulfur, Relative Density, Chlorine, Carbon (total), Hydrogen, Nitrogen, Carbonate Carbon, Phosphorus in Coal, Pyritic Sulfur, Sulfate Sulfur, Trace Elements – Fluorine, Mercury, Selenium, Arsenic, Boron, Cadmium, Antimony and CSN/FSI.

b) Coal Ash Sample:

Ash Fusion (Reducing and Oxidising Atmosphere) - Deformation Temperature, Spherical Temperature, Hemisphere Temperature, Flow Temperature.

Ash Constituents – Silicon as SiO_2 , Aluminium as Al_2O_3 , Iron as Fe_2O_3 , Calcium as CaO , Magnesium as MgO , Manganese as Mn_3O_4 , Potassium as K_2O , Sodium as Na_2O , Titanium as TiO_2 , Phosphorus as P_2O_5 , Sulfur as SO_3 , Barium as BaO , Strontium as SrO , Zinc as ZnO .

Benefits

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

Official Recognition

Proficiency Testing Australia programs are developed and maintained to international standards. Our programs are accredited to ISO/IEC 17043:2010 "Conformity assessment – General requirements for proficiency testing" by International Accreditation New Zealand (IANZ).

Yours sincerely,



Dr Emilia Cincu
SENIOR SCIENTIFIC OFFICER
PROFICIENCY TESTING AUSTRALIA

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Note: PTA sub-contracts sample supply and homogeneity/stability testing for this program.

Schedule

Sample distribution is planned for **beginning of August 2020** and laboratories will be allowed four weeks to test the samples and return their results. Detailed instructions, a results sheet (with confidential code number) and the samples will be sent to each laboratory's nominated contact.

Performance evaluation

A report will be issued on the PTA website at the completion of the program and a summary sheet will be issued by post, which will provide an evaluation of your laboratory's performance.

Pricing

The fee for participating laboratories in this program will be **AUD\$1400**. Additional samples are available for each individual laboratory (same site) for AUD\$1120. Note that each additional set of results that may be submitted for analysis will incur a fee of AUD\$200. An invoice for the appropriate amount will be sent to you upon registration. PTA payment terms and conditions are available on the PTA website at www.pta.asn.au.

Registration and contact details

Please complete the enclosed request for participation form and return by fax or email by **1 July 2020** to:

Dr Emilia Cincu

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Email: emilia.cincu@pta.asn.au