



The American Association for Laboratory Accreditation

World Class Accreditation

Accredited Proficiency Testing Provider

A2LA has accredited

PROFICIENCY TESTING AUSTRALIA

Rhodes, NSW AUSTRALIA

for technical competence as a

Proficiency Testing Provider

This accreditation covers the specific proficiency testing samples listed on the agreed upon Scope of Accreditation. This provider meets the ILAC G-13:2007 Guidelines for the Requirements for the Competence of Providers of Proficiency Testing (comprising ISO Guide 43-1:1997, as well as relevant elements of ISO/IEC 17025:2005 applicable to characterization, homogeneity and stability testing of proficiency testing materials), and the management system requirements of ISO/IEC 17025:2005, which includes the principles of ISO 9000:2005.

Presented this 29th day of May 2008.





President & CEO

For the Accreditation Council
Certificate Number 2125.01
Valid to May 31, 2012
Revised February 23, 2010

For the proficiency testing schemes to which this accreditation applies, please refer to the provider's Scope of Accreditation.

SCOPE OF ACCREDITATION TO ILAC-G13:2007

PROFICIENCY TESTING AUSTRALIA

7 Leeds Street
Rhodes, NSW 2138 Australia
Phillip Briggs 61 2 9736 8397

PROFICIENCY TESTING PROVIDER

Valid To: May 31, 2012

Certificate Number: 2125.01

In recognition of the successful completion of the A2LA evaluation process, this proficiency testing provider has been found to meet the ILAC G 13:2007 Guidelines for the Requirements for the Competence of Providers of Proficiency Testing (comprising ISO Guide 43-1:1997 as well as relevant elements of ISO/IEC 17025:2005 applicable to characterization, homogeneity and stability testing of proficiency testing materials as well as other relevant ISO-9000:2005 requirements). Accreditation is granted to this provider to provide proficiency testing samples in the following analyte/matrix combinations:

TESTING

CHEMICAL

Water (Sydney Offices)

Total Solids, Total suspended solids, Total dissolved solids, COD, TKN, Metals, pH & sulphate, Colour, Conductivity, BOD, Cations, Trihalomethanes, Total Phosphorus, Oil & grease, PAHs, PCBs, Phenols, Purgeable Aromatics, Turbidity, Purgeable Halocarbons, Phthalate esters, Anions, Ammonia, Nitrate, Nitrite, Herbicides, Pesticides, Organochlorines, Organophosphates, PAHs, Priority Pollutant Phenols, TP, TOC, Chlorinated Phenoxy Acid Herbicides, Bromide, Chloride, Fluoride, Iodide, Chlorinated Hydrocarbon Pesticides, Total Cyanide, Polycyclic Aromatic Hydrocarbons

Food

Milk - fat, protein, lactose, total solids

Fish - metals

Other – protein, total fat, saturated fat, moisture, dietary fibre, ash, sodium, total sugars, salt, carbohydrate energy

Wine

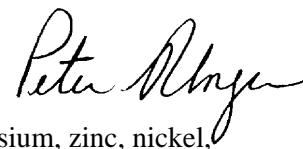
Total acidity, volatile acidity, actual alcohol, total sulfur dioxide, reducing sugars

Asbestos (Brisbane Office)

Identification, fibre counting

Metal Alloys

Composition analysis for the alloy types - ferrous, copper, aluminium, tin, lead, magnesium, zinc, nickel, precious metals, phosphorus, cadmium, chromium, manganese, silicon, arsenic



Soils

Total and water soluble fluoride, chloride, ammonia, oxidized nitrogen, extractable sulphur, copper, lead, arsenic, selenium, mercury, silver, molybdenum, chromium, nickel, zinc, iron, manganese

Coal

Moisture, ash, volatile matter, gross calorific value, total sulfur, pyritic sulfur, chlorine, carbon, hydrogen, nitrogen, carbonate carbon, phosphorus, relative density, fluorine, mercury, selenium, arsenic

Fuels

Octane rating for RON, MON and AVGAS

Paint

Gloss Tiles

Water based paint – Density, consistency, non-volatiles by mass, non-volatiles by volume

BIOLOGICAL

Waters

E.coli, faecal coliforms, total coliforms, faecal streptococci, plate count

Pathogens in Food

Qualitative and quantitative - salmonella, listeria, bacillus cereus, staphylococci

Legionella in Water

Identification of legionella type, legionella enumeration

Carcass Hygiene

E.coli, staphylococcus epidermidis

Algae

Identification and enumeration of type of algae

Cryptosporidium and Giardia in Water

Identification and enumeration of cryptosporidium and giardia

Non-Pathogens in Food

Plate count, coliforms, E.coli, thermophiles, thermophilic spores

Pharmaceuticals

Identification and enumeration of pharmacopoeia

CONSTRUCTION MATERIALS

Soils

California bearing ratio, classification, compaction and density, strength and consolidation

Asphalt

Density, bitumen content, aggregate grading, stability and flow



Aggregates

Sieve analysis, particle shape and size, density, water absorption

Concrete

Hardened concrete cylinders - dimensions, maximum sustained load unit, compression strength, type of failure

MECHANICAL

Tensile testing of metals

Tensile strength, strain rate, yield stress, proof strength, elongation

Hardness testing of metals

Brinell hardness, Rockwell hardness, Vickers hardness

Chains

Proof strength, braking load, extension

Textiles

Qualitative fibre analysis, breaking load, extension, mass per unit area, threads per unit length

NON-DESTRUCTIVE TESTING

Ultrasonics

Ultrasonic examination of ferritic steels

Radiography

Radiographic examination of ferritic steels

Magnetic Particle Inspection

Magnetic examination of ferritic steels



CALIBRATION

Acoustic and Vibration

Vibration measuring and calibration equipment

Optics and Radiometry

Geometry of optical components and systems

Radiant flux

Calibration of irradiance measuring instruments

Luminance

Illuminance

Spectrophotometry

Electrical

Resistors, resistor boxes and potential dividers

Capacitors

Magnetic materials and instruments

Inductors and transformers

Voltage standards

Attenuators

Precision transfer instruments

Instrument calibrators

Heat and Temperature

Temperature measuring equipment

Thermometers

Thermocouples

Physical and Dimensional Metrology

Limit gauges

Length and angle standards

Masses

Weighing devices

Volumetric equipment

Hydrometers

Flow measuring devices

Pressure and vacuum measuring devices

Torque measuring devices

Load cells

