

Proficiency Testing Australia 2025 Program Schedule

PROGRAM	DETERMINATIONS	SAMPLE DISPATCH
CHEMICAL		
Waters/335	Total Cyanide, Amenable Cyanide	21 Jan-25
Waters/336	Total Solids, Total Suspended Solids, Total Dissolved Solids	18 Feb-25
Waters/337	Nitrate, Ammonia, Orthophosphate, Total Dissolved Nitrogen, Total Dissolved Phosphorus, Nitrite, Silica	3 Mar-25
Waters/338	Arsenic, Mercury, Selenium	18 Mar-25
Waters/339	Hardness	8 Apr-25
Waters/340	Sulphate, Conductivity, pH, Turbidity, Colour	6 May-25
Waters/341	Calcium, Magnesium, Sodium, Potassium	20 May-25
Waters/342	Total Recoverable Oil and Grease	10 Jun-25
Waters/343	Metals (Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Nickel, Thallium, Zinc)	8 Jul-25
Waters/344	Bromide, Chloride, Fluoride, Iodide	22 Jul-25
Waters/345	Metals (Aluminium, Barium, Bismuth, Boron, Lithium, Manganese, Silver, Strontium)	19 Aug-25
Waters/346	Total Kjeldahl Nitrogen, Total Phosphorus	23 Sep-25
Waters/347	Physical Parameters, Anions and Cations (Total Alkalinity as CaCO ₃ , Chloride, Fluoride, Potassium, Sodium, Conductivity, Sulphate, Total Dissolved Solids, Total Solids)	21 Oct-25
Waters/348	Sulphate, Conductivity, pH, Turbidity, Colour	18 Nov-25
Waters/349	Total Biochemical Oxygen Demand, Carbonaceous Biochemical Oxygen Demand, Chemical Oxygen Demand, Total Organic Carbon	25 Nov-25
Waters/350	Total Recoverable Oil and Grease	9 Dec-25
Seawaters/18	Basic Chemistry: Conductivity, pH, Multitest	2 Apr-25
Seawaters/19	To be advised	30 Sep-25
Asbestos ID/23	Bulk Sample Identification (Building & Related Products)	Oct-24 to May-25
Asbestos ID/24	Bulk Sample Identification (Building & Related Products)	Oct-25 to May-26
Asbestos/44	National Asbestos Program (Slide Fibre Counting) (Membrane Filter Method for Estimating Airborne Asbestos Fibres)	Mar-25 to Dec-25
Asbestos in Soil/16	Sample identification in soil	Mar-25 to Nov-25



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Food/48	Protein, Total Fat, Moisture, Ash, Dietary Fibre, Carbohydrate and Energy	18 Aug-25
Paint/39	Density, Consistency - Flow Cup, pH of Water-based paints, Measurement of Specular Gloss	Mar-25
Paint/40	Density, Fineness of Grind, Non-volatile content by Mass, Measurement of Specular Gloss	Sep-25
Metal Alloys/47	Ferrous	May-25
Metal Alloys/48	Ferrous	Nov-25
Coal/50	Coal (Proximate and Ultimate Analyses, Total Sulfur, Gross Calorific Value, Trace Elements), Coal Ash (Ash Fusion, Ash Constituents)	Apr-25
Coal/51	Coal (Proximate and Ultimate Analyses, Total Sulfur, Gross Calorific Value, Trace Elements), Coal Ash (Ash Fusion, Ash Constituents)	Oct-25
Air & Emissions/26	To be advised	May-25
Air & Emissions/27	Particulate matter on filter paper	Nov-25
Geochemical/21	Iron Ore – chemical compositional analysis	Dec-25
PCBs in Oil/16	Aroclors 1016, 1221, 1232, 1242, 1248, 1254, 1260 and Total PCBs	Aug-25
BIOLOGICAL		
Waters/80	Effluent - E. coli, Thermotolerant (Faecal) & Total Coliforms, Enterococci and Plate Count (35 °C - 37 °C)	5 Mar-25
Waters/81	Potable - E. coli, Thermotolerant (Faecal) & Total Coliforms, Enterococci and Plate Count (35 °C - 37 °C), P.aeruginosa and C.perfringens	23 Sep-25
Dialysis Waters/8	Total viable counts	9 Sep-25
Pathogens in Food/47	Salmonella & Listeria & Cronobacter	21 Jul-25
Legionella/69	Enumeration & identification	4 Feb-25
Legionella/70	Enumeration & identification	26 Aug-25
Non-Pathogens in Food/37	E. coli, Total plate count, Coliforms, Yeast, Moulds	6 May-25
Non-Pathogens in Food/38	E. coli, Total plate count, Coliforms, Yeast, Moulds	1 Oct-25
Algae/21	Enumeration & identification	To be advised



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Crypto & Giardia/55	Enumeration & identification	Apr-25
Crypto & Giardia/56	Enumeration & identification	Nov-25
CONSTRUCTION MATERIALS		
Soils/39	Liquid Limit, Cone Liquid Limit, Plastic Limit, Plasticity Index, Cone Plasticity Index, Linear Shrinkage, Particle Size Distribution	Mar-25
Soils/40	California Bearing Ratio	May-25
Soils/41	Apparent Particle Density, Liquid Limit, Cone Liquid Limit, Plastic Limit, Plasticity Index, Cone Plasticity Index, Linear Shrinkage, Particle Size Distribution, Particle Size Distribution Fine Analysis by Hydrometer, Moisture Content, Emerson Class	Aug-25
Concrete/35	Compressive strength, Height, Weight, Mass per Unit Volume, Maximum Sustained Load Unit	Apr-25
Concrete/36	Compressive strength, Height, Weight, Mass per Unit Volume, Maximum Sustained Load Unit	Oct-25
Aggregates/36	Bulk Density, Particle Density and Water Absorption of Course Aggregate, Particle Size Distribution, Material Finer than 75 µm, Particle Shape by proportional Caliper (2:1 Ratio), Flakiness Index	Apr-25
Aggregates/37	Particle Density and Water Absorption of Coarse Aggregate, Particle Size Distribution, Material Finer than 75 µm, Particle Shape by proportional Caliper (2:1 Ratio), Flakiness Index, Average Least Dimension	Sep-25
Aggregates/38	Particle Density and Water Absorption of Fine aggregate, Aggregate soundness by exposure to sodium sulphate, Degradation factor, Clay & fine silt - Settling method, Organic impurities other than sugar, Particle Size Distribution, Material Finer than 75 µm	Nov-25
Rocks/7	Point Load Strength Index, Compressive Strength, Moisture Content, Deformability in Uniaxial Compression, Splitting Tensile Strength, Rock Porosity, CERCHAR	Jun-25
Asphalt/16	Bitumen Content, Grading, Maximum Density, Bulk Density, Air Voids	Oct-25
Bitumen/17	Viscosity, Density, Penetration, Softening Point, Viscosity	Aug-25
Cement/17	Chemical composition, Loss on ignition, Specific surface area, Fineness, Laser granulometry	Jul-25
MECHANICAL		
Tensile Testing of Metals/18	Tensile testing of metal	Apr-25



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PROGRAM	DETERMINATIONS	SAMPLE DISPATCH
Hardness Testing of Metals/26	Hardness testing of metal	May-25
Hardness Testing of Metals/27	Hardness testing of metal	Nov-25
Chains/4	Plastic elongation, Breaking load	Jun-25
Impact Testing of Metals/11	Charpy impact	Sep-25
Textiles/4	Breaking Load, Extension, Threads/Unit Length, Mass per Unit Area, Quantitative Fibre Analysis	Upon request
NDT		
Magnetic Particle Inspection/6	Steel pipe, plate and tee and Y	Jul-24 to Jun-25
Magnetic Particle Inspection/7	Steel pipe, plate and tee and Y	Jul-25 to Jun-26
Radiography/6	Steel plate	Jul-24 to Jun-25
Radiography/7	Steel plate	Jul-25 to Jun-26
Ultrasonics/6	Steel pipe, plate and tee	Jul-24 to Jun-25
Ultrasonics/7	Steel pipe, plate and tee	Jul-25 to Jun-26
Eddy Current/3	Cruciform and tee	Jul-24 to Jun-25
Eddy Current/4	Cruciform and tee	Jul-25 to Jun-26
CALIBRATION		
Digital Multimeter/8	HP 34401A Digital Multimeter - DC Voltage (0.1 ~ 1000 V), AC Voltage (0.1 ~ 750 V), DC Current (0.01 ~ 3 A), AC Current (1 ~ 3 A), and Resistance (1 Ohm ~ 10 Meg Ohm)	Nov-24 to Jun-25
Gravimetric/10	Measurement of weights using 5 or 6 place microbalance to test the gravimetric component (i.e., the use of calibrated weights and balances), relating to the determination of inhalable/respirable dust.	Sep-25
Mass	10mg, 2g, 50g, 200g	Open for registration
Temperature	Digital Temperature Indicator System - 0 °C to 420 °C in 20 °C steps	Upon request



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Gauge Blocks	Nominal lengths - 2mm, 8mm, 20mm and 100mm	Upon request
Gas Flow Meter/3	Flow rate between 0.5 and 65 m ³ h ⁻¹	Upon request
MEASUREMENT AUDITS		
Optics & Radiometry	Upon request	Various
Metrology	Upon request	Various
Acoustics & Vibration	Upon request	Various
Electrical	Upon request	Various
Heat & Temperature	Upon request	Various

PTA actively develops new programs, and our schedule is updated throughout the year. Customers are advised to regularly check our website for the addition of new programs or changes to dispatch dates.

For most programs, customers may order extra sample sets and submit additional results for evaluation. This will incur an additional cost but is less than the participation fee.

PTA also has a range of spare samples from previous programs which may be used for testing. The cost of these samples also includes an evaluation of results.

For further information please contact us at ptaenquiry@pta.asn.au.

