

Proficiency Testing Australia 2027 Program Schedule

Environment

PROGRAM	DETERMINATIONS	SAMPLE DISPATCH
Waters/367	Total Cyanide, Amenable Cyanide	19 Jan-27
Waters/368	Total Solids, Total Suspended Solids, Total Dissolved Solids	16 Feb-27
Waters/369	Arsenic, Mercury, Selenium	2 Mar-27
Waters/370	Total Recoverable Oil and Grease	16 Mar-27
Waters/371	Hardness – Total Suspended Solids, Calcium, Magnesium, Total Hardness as CaCO ₃ , Calcium Hardness as CaCO ₃	13 Apr-27
Waters/372	Sulphate, Conductivity, pH, Turbidity, Colour	4 May-27
Waters/373	Calcium, Magnesium, Sodium, Potassium	18 May-27
Waters/374	Nitrate, Ammonia, Orthophosphate, Total Dissolved Nitrogen, Total Dissolved Phosphorus, Nitrite, Silica	8 Jun-27
Waters/375	Metals (Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Nickel, Thallium, Zinc)	6 Jul-27
Waters/376	Bromide, Chloride, Fluoride, Iodide	20 Jul-27
Waters/377	Metals (Aluminium, Barium, Bismuth, Boron, Lithium, Manganese, Silver, Strontium)	17 Aug-27
Waters/378	Total Recoverable Oil and Grease	20 Sep-27
Waters/379	Total Kjeldahl Nitrogen, Total Phosphorus	19 Oct-27
Waters/380	Sulphate, Conductivity, pH, Turbidity, Colour	26 Oct-27
Waters/381	Total Biochemical Oxygen Demand, Carbonaceous Biochemical Oxygen Demand, Chemical Oxygen Demand, Total Organic Carbon	23 Nov-27
Waters/382	Physical Parameters, Anions and Cations (Total Alkalinity as CaCO ₃ , Chloride, Fluoride, Potassium, Sodium, Conductivity, Sulphate, Total Dissolved Solids, Total Solids)	6 Dec-27
Seawaters/22	Basic Chemistry: Conductivity, pH, Multitest	6 Apr-27
Seawaters/23	Trace Elements: Arsenic, Cadmium, Chromium, Copper, Iron, Lead, Manganese, Nickel, Selenium, Zinc	5 Oct-27
Waters/84	Effluent - E. coli, Thermotolerant (Faecal) & Total Coliforms, Enterococci and Plate Count (35°C - 37°C)	3 Mar-27
Waters/85	Potable - E. coli, Thermotolerant (Faecal) & Total Coliforms, Enterococci and Plate Count (35°C - 37°C), P.aeruginosa and C.perfringens	22 Sep-27
Algae/21	Enumeration & identification	To be advised



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Legionella/73	Enumeration & identification	Feb-27
Legionella/74	Enumeration & identification	Aug-27
Crypto & Giardia/59	Enumeration & identification	Apr-27
Crypto & Giardia/60	Enumeration & identification	Nov-27
Asbestos ID/25	Bulk Sample Identification (Building & Related Products)	Oct-26 to May-27
Asbestos ID/26	Bulk Sample Identification (Building & Related Products)	Oct-27 to May-28
Asbestos/46	National Asbestos Program (Slide Fibre Counting) (Membrane Filter Method for Estimating Airborne Asbestos Fibres)	Mar-27 to Nov-27
Asbestos in Soil/18	Sample identification in soil	Mar-27 to Nov-27
Gravimetric/12	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-27
Air & Emissions/30	To be advised	May-27
Air & Emissions/31	Particulate matter on filter paper	Nov-27
PCBs in Oil/18	Aroclors 1016, 1221, 1232, 1242, 1248, 1254, 1260 and Total PCBs	Aug-27



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Food & Beverage

PROGRAM	DETERMINATIONS	SAMPLE DISPATCH
Food/49	Protein, Total Fat, Moisture, Ash, Dietary Fibre, Carbohydrate and Energy	Nov-27
Pathogens in Food/49	Salmonella & Listeria & Cronobacter	Oct-27
Non-Pathogens in Food/41	E. coli, Total plate count, Coliforms, Yeast, Moulds	4 May-27
Non-Pathogens in Food/42	E. coli, Total plate count, Coliforms, Yeast, Moulds	5 Oct-27

Healthcare, Pharmaceutical and Media Products

PROGRAM	DETERMINATIONS	SAMPLE DISPATCH
Dialysis Waters/10	Total viable counts	7 Sep-27



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Materials

PROGRAM	DETERMINATIONS	SAMPLE DISPATCH
Metal Alloys/51	Ferrous	May-27
Metal Alloys/52	Ferrous	Nov-27
Coal/54	Coal (Proximate and Ultimate Analyses, Total Sulfur, Gross Calorific Value, Trace Elements), Coal Ash (Ash Fusion, Ash Constituents)	Apr-27
Coal/55	Coal (Proximate and Ultimate Analyses, Total Sulfur, Gross Calorific Value, Trace Elements), Coal Ash (Ash Fusion, Ash Constituents)	Oct-27
Geochemical/23	Iron Ore – chemical compositional analysis	Dec-27
Bitumen/19	Viscosity, Density, Penetration, Softening Point, Viscosity	Aug-27
Cement/19	Chemical composition, Loss on ignition, Specific surface area, Fineness, Laser granulometry	Jul-27

Manufactured Goods

PROGRAM	DETERMINATIONS	SAMPLE DISPATCH
Paint/43	Consistency – Rotational Viscometer Brookfield and/or Stormer, pH of Water-based paints, Density, Consistency - Flow Cup, Surface Dry Condition Evaluation, Measurement of Specular Gloss at 60°	Mar-27
Paint/44	To be advised	Sep-27
Tensile Testing of Metals/21	Tensile testing of metal	Feb-27
Tensile Testing of Metals/22	Tensile testing of metal	Nov-27
Hardness Testing of Metals/28	Hardness testing of metal	May-27
Impact Testing of Metals/12	Charpy impact	Sep-27



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Infrastructure & Asset Integrity

PROGRAM	DETERMINATIONS	SAMPLE DISPATCH
Soils/45	Liquid Limit, Cone Liquid Limit, Plastic Limit, Plasticity Index, Cone Plasticity Index, Linear Shrinkage, Particle Size Distribution	Mar-27
Soils/46	California Bearing Ratio	May-27
Soils/47	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-27
Concrete/39	Compressive strength, Height, Weight, Mass per Unit Volume, Maximum Sustained Load Unit	May-27
Concrete/40	Compressive strength, Height, Weight, Mass per Unit Volume, Maximum Sustained Load Unit	Oct-27
Aggregates/42	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-27
Aggregates/43	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-27
Aggregates/44	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-27
Rocks/9	Point Load Strength Index, Compressive Strength, Moisture Content, Deformability in Uniaxial Compression, Splitting Tensile Strength, Rock Porosity, CERCHAR	Jul-27
Asphalt/18	Bitumen Content, Grading, Maximum Density, Bulk Density, Air Voids	Oct-27
Chains / Bolts	Plastic elongation, Breaking load	Upon request
Magnetic Particle Inspection/8	Steel pipe, plate, tee and Y	Jul-26 to Jun-27
Magnetic Particle Inspection/9	Steel pipe, plate, tee and Y	Jul-27 to Jun-28
Radiography/8	Steel plate	Jul-26 to Jun-27
Radiography/9	Steel plate	Jul-27 to Jun-28



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PROGRAM	DETERMINATIONS	SAMPLE DISPATCH
Ultrasonics/8	Steel pipe, plate and tee	Jul-26 to Jun-27
Ultrasonics/9	Steel pipe, plate and tee	Jul-27 to Jun-28
Eddy Current/5	Cruciform and tee	Jul-26 to Jun-27
Eddy Current/6	Cruciform and tee	Jul-27 to Jun-28

Calibration

PROGRAM	DETERMINATIONS	SAMPLE DISPATCH
Digital Multimeter/10	Keysight 34465A Digital Multimeter (6½ digit) - 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 (100 Ohm ~ 10 Meg Ohm)	Nov-26 to Jun-27
Digital Multimeter/11	Keysight 34465A Digital Multimeter (6½ digit) - 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 (100 Ohm ~ 10 Meg Ohm)	Nov-27 to Jun-28
Mass/3	10mg (sheet weight); 2g, 50g, 200g (integral weights)	Feb-27

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.

