

# ULTRATEST



KEEPING YOUR  
ASSETS ON TRACK





## COMPANY PROFILE

**NAME:** Ultratest Pty Ltd

**VIC Address:** 2/76 Playne St Frankston VIC 3199  
**Phone / Fax:** Ph: (03) 9781 4799 Fax: (03) 9781 3394  
**Mobile:** 0448 982 259 (Grant Kelly)

**W.A Address:** Elgee Rd. Midland WA 6056  
**Mobile :** 0438 000 179 (Hayden Ridley)

**Email:** info@ultratest.com.au

**ESTABLISHED:** 1984

**STAFF POSITIONS:**

**Managing Director:** Grant Kelly

**Administration Officers:** Sian Medrana, Marianne Van Ee

**Surveillance Officers/  
Welding Supervisors & Inspectors:** James Johnson, Brian Hart, Thomas Wilmann

**Technicians:** Grant Kelly  
Caleb Kelly                      David Woodhouse  
James Johnson                 Lisa Witt  
Thomas Wilmann  
Kris Cid-Vandenesse  
Kyfer Marvin-Murphy

**Ultratest Trading Hours** Monday - Friday 7.30 - 4.30 (flexible hours)  
Weekends/Nightshift/Public Holidays on client request

### MISSION STATEMENT:

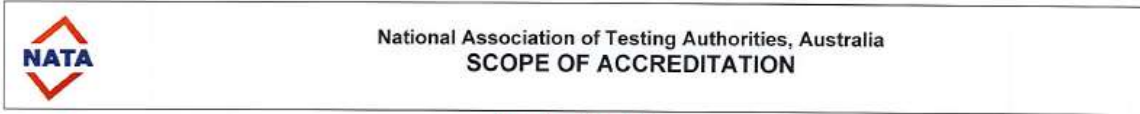
At Ultratest Pty Ltd it is our constant mission to provide the highest level of quality & service that will exceed the expectations of our clients. We ensure to maintain the highest levels of professionalism, integrity, honesty & fairness in our relationships & achieve customer satisfaction in all areas including reliability, attention to detail, service minded attitudes & market competitive prices.

**OUR SERVICES:**

Welding Inspection & Supervision  
 Structural Steel Surveillance  
 Ultrasonic Testing  
 Eddy Current  
 Phased Array Ultrasonic Testing  
 Magnetic Particle Testing  
 Liquid Penetrant Testing  
 Visual Examination  
 Visual Scanning  
 Bend Testing  
 Hardness Testing  
 Welding Machine Calibration  
 Welding Procedure Development & Qualification  
 Welder Operator Qualification  
 Consulting & Advising  
 NACE Coating Inspecting  
 Weld Failure Analysis  
 Chemical Analysis

**TECHNICIAN QUALIFICATIONS:**

G. KELLY	Ultrasonic AINDT	Level 3
	Magnetic Particle	Level 3
	Liquid Penetrant	Level 3
	Ultrasonic CSWIP	Level 2
	Phased Array PCN	Level 2D
	Eddy Current	Level 2
J. JOHNSON	Ultrasonic	Level 2
	Magnetic Particle	Level 2
	Welding Supervisor & Inspector	
	Surveillance Officer	
	NACE Coating Inspector	
C. BROWNLEE	Ultrasonic	Level 2
	Magnetic Particle	Level 2
	Liquid Penetrant	Level 2
K. CID-VANDENESSE	Ultrasonic	Level 1
	Magnetic Particle	Level 2
C. KELLY	Ultrasonic PCN & AINDT	Level 2
	Magnetic Particle	Level 2
	Eddy Current	Level 2
D. WOODHOUSE	Ultrasonic	Level 2
L. WITT	Ultrasonic	Level 1
Kyfer Marvin Murphy	Ultrasonic	Level 1
M JOVANOU	Ultrasonic	level 2
	Magnetic particle	level 2
	Liquid penetrant	level 2
T WILMANN	Ultrasonic	level 2
	Magnetic particle	level 2



**Ultratest Pty Ltd**  
**MELBOURNE INSPECTION**  
 | Accreditation Number: 2110 | Site Number: 20484 |

**Address Details:**  
 2/76 Playne Street  
 Frankston, VIC 3199  
 AUSTRALIA  
 Website: [www.ultratest.com.au](http://www.ultratest.com.au)

**Contact Details:**  
 Mr Grant Kelly  
 +61(03) 97814799  
 info@ultratest.com.au

**Availability:** Type A Inspection Body

**Note:** Not all of the columns of the scope of accreditation displayed include data.  
 The only data displayed is that deemed relevant and necessary for the clear description of the activities and services covered by the scope of accreditation.

**ISO/IEC 17020 (2012)**  
**Infrastructure and Asset Integrity**

SERVICE	PRODUCT	DETERMINANT	TECHNIQUE	PROCEDURE	LIMITATION/RANGE
Evaluation of load generating lifting appliances	Lifting devices	In-service inspection		AS 4991 and in-house procedures	
Evaluation of load handling, rigging and tensioning systems	Rigging	In-service inspection		BS EN 818-6, BS EN 13414-2, AS 4497.2, AS 4497.1, AS1353.1, AS 2321, AS 3775, AS 3776, AS 1438, AS 1666, similar industry standards and in-house procedures	<b>Rigging</b> limited to chain slings, steel wire rope slings, wire-coil flat slings and synthetic slings.

| Accreditation Number: 2110 | Site Number: 20484 | Printed on : 15-Aug-2018



**National Association of Testing Authorities, Australia  
SCOPE OF ACCREDITATION**

	Lifted equipment	In-service inspection	DNV 2.7-1, AS EN 12079, BS EN 12079 and similar industry standards	<b>Lifted equipment</b> limited to offshore containers and associated rigging and rigging components
	Rigging components	In-service inspection	AS 2741, AS 2318 and in-house procedures	<b>Rigging components</b> limited to shackles, swivels and collared eye-bolts.
Fabricated components and assemblies - Inspection	Fabricated components and assemblies; Steel assemblies; Structural steelwork; Welded fabrications;	Fabrication inspection	AS/NZS 1554, AS/NZS 4100 Sections 14 and 15, AS 5100.6 Appendices G and H, AS/NZS 5131(excluding section 4, clauses 8.8, 8.9, 9.13, 9.14, section 11 and clause 14.7) VicRoads TB 46 and similar standards	
Industrial processes - Inspection	Coating	In-service inspection	AS 3894.3 Clause 10 (Method B), AS 3894.5 Clause 5 (Method A), AS 3894.7	Site testing of protective coatings
		Surveillance	AS/NZS 4680, AS/NZS 2312 Sections 8 and 11, VicRoads TB 48, and similar standards	Surveillance of application of protective coatings for structural steelworks
Pressure plant, pipelines and equipment - Inspection	Pressure equipment	Witnessing of hydrostatic tests	AS 4037 Section 17 and similar specifications	Performed at client premises

| Accreditation Number: 2110 | Site Number: 20484 | Printed on : 15-Aug-2018

----- END OF SCOPE -----



**National Association of Testing Authorities, Australia  
SCOPE OF ACCREDITATION**

**Ultratest Pty Ltd  
MELBOURNE NDT**

| Accreditation Number: 2110 | Site Number: 2103 |

**Address Details:**  
Unit 2, 76 Playne Street  
FRANKSTON, VIC 3199  
AUSTRALIA  
**Website:** [www.ultratest.com.au](http://www.ultratest.com.au)

**Contact Details:**  
Mr Grant Kelly  
+61(03) 97814799  
[info@ultratest.com.au](mailto:info@ultratest.com.au)

**Availability:** Services available to external clients

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**ISO/IEC 17025 (2005)  
Infrastructure and Asset Integrity**

SERVICE	PRODUCT	DETERMINANT	TECHNIQUE	PROCEDURE	LIMITATION/RANGE
Non-destructive examination - Material properties and internal integrity	Bonded metals; Castings - Cast irons, steel and alloy steels; Castings - Non-ferrous metals and alloys; Rolled or wrought aluminium products; Rolled or wrought steel	Ultrasonic detection and characterisation of discontinuities	A-scan capability; Manual phased array capability (PAUT);		



**National Association of Testing Authorities, Australia  
SCOPE OF ACCREDITATION**

	overlaid steel; Welded joints - Ferritic materials; Welded joints - Stainless steel, austenitic and duplex materials; Bonded metals - including white metal bearings, tungsten carbide coatings and plasma sprayed overlays; Welded joints - Copper to steel anode bars; Rolled and wrought steel products - threaded bolts				
Non-destructive examination - Product profile and corrosion mapping	Castings; Forgings; Metallic piping; Metallic plate; Metallic tubes - Ferromagnetic materials; Metallic tubes - Non-ferromagnetic materials;	Ultrasonic material thickness - Spot or grid measurements	A-scan (manual); Thickness meter;		
		Ultrasonic material profiling and characterisation of material loss	A-scan (manual)		
Non-destructive examination - Surface techniques	Metallic surfaces	Visual detection of discontinuities (prior to initial service) - Welded joints	Visual examination		





National Association of Testing Authorities, Australia  
SCOPE OF ACCREDITATION

**Ultratest Pty Ltd**

PERTH NDT

| Accreditation Number: 2110 | Site Number: 21982 |

**Address Details:**  
59 Elgee Road  
MIDLAND, WA 6056  
AUSTRALIA  
**Website:** [www.ultratest.com.au](http://www.ultratest.com.au)

**Contact Details:**  
Mr Grant Kelly  
+61(03) 97814799  
[grant@ultratest.com.au](mailto:grant@ultratest.com.au)

**Availability:** Services available to external clients

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ISO/IEC 17025 (2005)  
Infrastructure and Asset Integrity

SERVICE	PRODUCT	DETERMINANT	TECHNIQUE	PROCEDURE	LIMITATION/RANGE
Non-destructive examination - Material properties and internal integrity	Bonded metals; Castings - Cast irons, steel and alloy steels; Castings - Non-ferrous metals and alloys; Rolled or wrought aluminium products; Rolled or wrought steel products; Welded joints - Aluminium alloys; Welded joints - Clad and	Ultrasonic detection and characterisation of discontinuities	A-scan capability		

| Accreditation Number: 2110 | Site Number: 21982 | Printed on : 15-Aug-2018



National Association of Testing Authorities, Australia  
SCOPE OF ACCREDITATION

	overlaid steel; Welded joints - Ferritic materials; Welded joints - Stainless steel, austenitic and duplex materials;				
Non-destructive examination - Product profile and corrosion mapping	Metallic piping; Metallic plate; Metallic tubes - Ferromagnetic materials; Metallic tubes - Non-ferromagnetic materials;	Ultrasonic material profiling and characterisation of material loss	A-scan (manual)		
		Ultrasonic material thickness - Spot or grid measurements	A-scan (manual); Thickness meter;		
Non-destructive examination - Surface techniques	Metallic surfaces	Visual detection of discontinuities (prior to initial service) - Welded joints	Visual examination		
		Dye penetrant detection of discontinuities	Solvent removable; Water washable;		
		Magnetic particle detection of discontinuities	AC magnetic flow		

| Accreditation Number: 2110 | Site Number: 21982 | Printed on : 15-Aug-2018

----- END OF SCOPE -----



National Association of Testing Authorities, Australia  
**SCOPE OF ACCREDITATION**

**Ultratest Pty Ltd**

**MELBOURNE MECHANICAL TESTING**

| Accreditation Number: 2110 | Site Number: 21067 |

**Address Details:**

Unit 2, 76 Playne Street  
FRANKSTON, VIC 3199  
AUSTRALIA

**Website:** [www.ultratest.com.au](http://www.ultratest.com.au)

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**Availability:** Services available to external clients

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**ISO/IEC 17025 (2005)**

**Manufactured Goods**

SERVICE	PRODUCT	DETERMINANT	TECHNIQUE	PROCEDURE	LIMITATION/RANGE
Material performance evaluation of metal products	Welded test specimens	Fillet-break fracture	Macroscopic examination; Visual examination;	AS 2205.4.2, AWS D1.1 Clause 4.22	
		Macroscopic integrity	Macroscopic examination	AS 2205.5.1; AWS D1.1 Section 4	
		Nick-break fracture	Macroscopic examination; Visual examination;	AS 2205.4.1	
		Bend	Longitudinal guided bend; Transverse guided bend;	AS 3992, ASME IX, BS 5500, AWS D1.1, DIN 15614-1 Section 7.4.3, AS 2205.3.1, AS 2205.3.3 for tests in accordance with AS 1554	

| Accreditation Number: 2110 | Site Number: 21067 | Printed on : 15-Aug-2018

----- END OF SCOPE -----

**MEMBERSHIP:** Welding Technology Institute of Australia  
 Institute of Non-Destructive Testing U.K.  
 Australian Institute of Non-Destructive Testing  
 Australian Industry Group

**BUSINESS:** Performance of Non-Destructive Examination:

1. Ultrasonic Testing
2. Phased Array Ultrasonic Testing
3. Magnetic Particle Testing
4. Penetrant Testing
5. Eddy current testing
6. Macro Tests
7. Visual Tests
8. Ultrasonic Testing Spot Welds



Welding Technology

1. Welding Engineers
2. Weld Procedure Development and Certification
3. Welder Qualification Certification

**GENERAL INSPECTION:**

1. Visual and dimensional inspection of steel fabrication, castings and forgings.
2. Inspection of surface treatment.
3. Inspection of mechanical items. Machinery, gear boxes, pumps, compressors etc.
4. Weld Procedure documentation and review.



**NON-DESTRUCTIVE INSPECTION OF:**

- Pipes and Plates
- Castings
- Forgings
- Pressure Vessels
- Mining Equipment
- Welded Structures
- Rail Welds
- Automotive Components
- Bearing Bonding
- In Service Inspection
- Critical Defect Sizing

**INSPECTION STANDARDS:**

- DNVGL
- Australian AS
- USA ASTM
- USA ASME
- USA API
- USA AWS
- USA AISC
- USA ANSI
- UK BS
- UK WI recommendations
- UK CEBG
- GERMAN DIN
- JAPANESE JIS
- ISO /IEC



Approved



## PROJECT INVOLVEMENT:

The following are some of the projects we have been involved with.

Hofmann Engineering WA & VIC	Welds, Castings, Forgings & Machined components.
Graham Campbell Ferrum	SG Iron Trunnion/Gear Castings
ABI Group Pty Ltd	Regional Rail Link Project Williams Landing Project Peninsula Link Freeway Project - Bridges & Gantries
ARC Infrastructure W. A	Ultrasonic testing of rail welds for Brookfield Rail(ARC) Infrastructure Rail Upgrade Project - still current
DVP Eng./ GVP Eng./ Jards & Co.	PEGS Project - Penleigh & Essendon Grammar School Structural Steel Inspection & Surveillance
GVP Fabricators	Melbourne Tennis Centre Eastlink Freeway Melbourne Melbourne Rectangular Soccer Stadium.
Bombardier Transportation	Septa & Velocity Train Projects Sydney Trams, India Locomotives
Loy Yang B Power Station	Steel structure
Esso Esso Malaysia BHPP	Vessels for offshore oil production Vessels for offshore oil production Vessels for onshore oil production
EPT	Aluminium busbar Tomago Smelter
Major City Buildings	333 Collins Street 101 Collins Street 120 Collins Street Bourke Place Vic. Central New Commonwealth Offices
Elliott Engineering	Penstock barrels for Bogong Power Station
Aberfoyle Resources	Critical sizing/monitoring of weld defects in sag mill at Hellyer Mine (Tasmania) annual shut down inspections
Allco/Boving	Dartmouth Dam turbine casing and associated equipment
Boulderstone Hornibrook	Pipe work on site for BHP Methanol plant Altona
ABB EPT/National Rail	Rail track welds Spotswood flashbutt depot.
John Holland	Rail track welds Geelong to Serviceton via Maroona and Ararat.
SIA	Melbourne to Wagga

John Holland	Alice Springs to Darwin railway. Rail track welds - Western Australia westnet area. Warrnambool to South Geelong upgrade. .Rail track welds Geelong to Serviceton via Maroona and Ararat.
ADI Engineering	Large pressure vessel reactors for Vost-Alpine/BHP project.
Lendlease/CPB/VSL & MTM	LCRP – CTD9
Fulton Hogan	Monash freeway upgrade - Gantry's(China)
Bestfab	Monash gantry's (Vietnam)
Lendlease	M80 widening – gantry's and bridges
V/Line	Bendigo line upgrade 2016(Bendigo – Kerang)
John Holland KBR	Metro Tunnel Early Works
Downer Group	Metro trains HCMT project – (Nar nar goon).
CPB	Westgate Bridge Painting – coating inspection/fabrication surveillance.
Westgate Tunnel Project	Gantry's, noise walls & bridges.

**QUALITY ASSURANCE:**

We are a NATA accredited NDT testing laboratory under which a quality assurance system to ISO /IEC 17025 & ISO/IEC 17020 is required and audited.

In the performance of non-destructive tests and the production of test reports ISO/IEC 17025 & ISO/IEC 17020 exceeds the requirements of AS 3901 and ISO 9001.