



National Association of Testing Authorities, Australia

SCOPE OF ACCREDITATION

QTIC Pty Ltd
--IRISNDT QTIC

NDT AND INSPECTION SERVICES

| Accreditation Number: 18992 | Site Number: 21324 |

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Availability: Services available to external clients

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.

Grey text appearing in a SoA is additional freetext providing further refinement or information on the data in the preceding line entry.

ISO/IEC 17025 (2017)

Infrastructure and Asset Integrity

SERVICE	PRODUCT	DETERMINANT	TECHNIQUE	PROCEDURE	LIMITATION/RANGE
Evaluation of load handling, rigging and tensioning systems	Anchors and anchor plate assemblies; Padeyes;	Proof load	Not applicable	In-house method QLT 001	5 to 160 kN including on site testing
Non-destructive testing (NDT) - Material properties and internal integrity	Rolled or wrought steel products; Welded joints - Ferritic materials;	Ultrasonic detection and characterisation of discontinuities	A-scan capability; Automated phased array capability (PAUT); Automated time of flight diffraction (TOFD); Manual phased array capability (PAUT); Manual time of flight diffraction (TOFD);		
	Castings - Cast irons,	Radiographic detection and	Film radiography		



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	<p>steel and alloy steels; Castings - Non-ferrous metals and alloys; Welded joints - Aluminium alloys; Welded joints - Clad and overlaid steel; Welded joints - Copper and copper-nickel alloys; Welded joints - Ferritic materials; Welded joints - Stainless steel, austenitic and duplex materials; Welded joints - Titanium and titanium alloys;</p>	<p>characterisation of discontinuities</p>			
<p>Non-destructive testing (NDT) - Product profile and corrosion mapping</p>	<p>Metallic piping; Metallic plate;</p>	<p>Ultrasonic material thickness - Spot or grid measurements</p>	<p>A-scan - Manual; Thickness meter;</p>		
	<p>Castings; Forgings; Metallic components; Metallic piping; Metallic plate;</p>	<p>Ultrasonic material profiling and characterisation of material loss</p>	<p>A-scan - Manual; C-scan - Mechanised;</p>		
<p>Non-destructive testing (NDT) - Surface techniques</p>	<p>Metallic surfaces</p>	<p>Dye penetrant detection of discontinuities</p>	<p>Solvent removable; Water washable;</p>		
		<p>Electromagnetic detection and characterisation of discontinuities</p>	<p>High frequency eddy current</p>		
		<p>Visual detection of discontinuities (during service life for defined service</p>	<p>Visual examination</p>		



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		applications) - Welded joints			
		Visual detection of discontinuities (prior to initial service) - Welded joints	Visual examination		
		Magnetic particle detection of discontinuities	AC magnetic flow		

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