



# National Association of Testing Authorities, Australia

## SCOPE OF ACCREDITATION

### Sinclair X-Ray Inspection Services --IRISNDT

#### SYDNEY FACILITY

| Accreditation Number: 15535 | Site Number: 18084 |

**Address Details:**

6/36 Holbeche Road  
ARNDELL PARK, NSW 2148  
AUSTRALIA

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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 (2005)****Infrastructure and Asset Integrity**

SERVICE	PRODUCT	DETERMINANT	TECHNIQUE	PROCEDURE	LIMITATION/RANGE
Evaluation of load handling, rigging and tensioning systems	Anchorage and supports for industrial fall arrest systems	Breaking load; Extension; Proof load;	Not applicable	AS 1891.4, AS 3777, and Sinclair Procedure SP011	2 to 600 kN including on-site testing (proof load)
	Cargo barriers/restraint systems; Lifting clutches for concrete elements; Rigging screws and turnbuckles; Shackles;	Breaking load; Proof load;	Not applicable	AS 3850.1, AS 2319, AS 2741 Sinclair Procedure SP012	5 to 600 kN

**ISO/IEC 17025 (2005)****Manufactured Goods**

SERVICE	PRODUCT	DETERMINANT	TECHNIQUE	PROCEDURE	LIMITATION/RANGE
Material performance	Reinforcing bar and steel	Tensile properties	Longitudinal tensile	AS 1554.3, AS/NZS 4671	2 to 600 kN



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evaluation of metal products	prestressing materials for concrete			excluding thermal treatments	
	Fixtures and components	Tensile properties	Not applicable	in-house method SP028	2 to 600 kN
	Welded test specimens	Bending properties	Longitudinal guided bend; Transverse guided bend; Transverse joggle-butt wrap around bend;	AS/NZS 1665, AS/NZS 3992, AS/NZS 4399, ASME B31.3 ASME IX, AWS D1.1,	
		Macroscopic examination	Macroscopic examination	AS/NZS 2205.5.1, AS 2980, AS/NZS 3992, ASME IX, AWS D1.1	
		Nick-break fracture	Visual examination	AS/NZS 1665, AS 2205.4.2, AS 2885, AS/NZS 3992 and API 650	
		Hardness	Brinell	AS 1816.1, ASTM A370 and ASTM E10	
		Tensile properties	All-weld-metal tensile; Axial tensile; Longitudinal tensile; Tensile tests with control of strain rate, including yield stress and proof stress; Transverse butt tensile; Transverse joggle-butt tensile; Transverse tensile; Uniaxial tension;	AS 1391, AS/NZS 3992, ASME IX, ANSI B31.3, ASTM A370, ASTM E8, ASTM E190, ASTM E290,	0.5 to 600 kN
		Hardness	Rockwell - Scale B; Rockwell - Scale C;	AS 1815.1, ASTM A370 and ASTM E18	
		Hardness	Vickers	AS 1817.1, AS 2205.6.1	
		Fillet-break	Visual	AS/NZS 1665, AS	



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		fracture	examination	2205.4.1, AS 2980, AS/NZS 3992, API 650, ASME IX, AWS D1.1	
		Impact resistance	Charpy - Assessment of fracture appearance; Charpy V-notch - Impact value;	AS 1544.2, AS/NZS 3992	at - 196°C and in the temperature range of -100°C to 100°C
	Prepared metallic test specimens	Impact resistance	Charpy - Assessment of fracture appearance; Charpy V-notch - Impact value;	AS 1544.2	at - 196°C and in the temperature range of -100°C to 100°C
		Hardness	Brinell	AS 1816.1, ASTM A370 and ASTM E10	
		Tensile properties	Tensile tests with control of strain rate, including yield stress and proof stress	AS 1391, ASTM A370 and ASTM E8	2 to 600 kN
		Hardness	Vickers	AS 1817.1	
		Bending properties	Longitudinal guided bend; Transverse guided bend;	AS/NZS 4671 and ISO 15614-1	excluding thermal treatments
		Compression	Axial load compression	in-house method SP028	
		Hardness	Rockwell - Scale B; Rockwell - Scale C;	AS 1815.1, ASTM A370 and ASTM E18	

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