



National Association of Testing Authorities, Australia
SCOPE OF ACCREDITATION

Western Australian Specialty Alloys - Albury
WESTERN AUSTRALIAN SPECIALTY ALLOYS - ALBURY MECHANICAL TESTING
 | Accreditation Number: 1106 | Site Number: 1099 |

Address Details:

70 R W Henry Drive
 ETTAMOGAH, NSW 2640
 AUSTRALIA

Website: www.overallforge.com.au

Contact Details:

Mr Alex Frolov
 +61(02) 60496748
 Alex.Frolov@overallforge.com.au

Availability: Services conditionally 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)
Manufactured Goods

SERVICE	PRODUCT	DETERMINANT	TECHNIQUE	PROCEDURE	LIMITATION/RANGE
Material performance evaluation of metal products	Prepared metallic test specimens	Tensile properties	Tensile tests with control of strain rate, including yield stress and proof stress	AS 1391, ASTM E8, ISO 6892-1	10 to 400 kN
		Charpy impact toughness	Charpy - Assessment of fracture appearance; Charpy V-notch - Impact value;	AS 1544.2, ASTM E23, ISO 148-1	at ambient temperature and down to - 85°C and at - 196°C
		Hardness	Rockwell	AS 1815.1, ASTM E18	Rockwell Scales B and C
		Hardness	Vickers	AS 1817.1 and ASTM E384	9.8 to 980 N
		Hardness	Brinell; Brinell - Portable tester;	AS 1816.1, ASTM E10	2.45 to 29.4 kN

ISO/IEC 17025 (2017)
Materials



National Association of Testing Authorities, Australia
SCOPE OF ACCREDITATION

SERVICE	PRODUCT	DETERMINANT	TECHNIQUE	PROCEDURE	LIMITATION/RANGE
Metallographic evaluation of metals and alloys	Nickel and nickel alloys	Macroscopic examination	Macroscopic examination; Visual examination;	ASTM A604	
		Grain size	Comparison method; Intercept (Heyn) method; Planimetric method;	ASTM E112, ASTM E 1181, ISO 643	
		Phase identification and proportion	Microscopic examination	ASTM E 1181 API 6A CRA	
		Topographical duplex grain structure Freedom from deleterious phases			
		Non-metallic inclusion content	Microscopic examination	ISO 4967	
	Ferrous materials	Grain size	Comparison method; Intercept (Heyn) method; Planimetric method;	AS 1733, ASTM E112, ISO 643	
		Non-metallic inclusion content	Microscopic examination	AS 2197, ASTM E45 , ISO 4967	
		Ferrite count	Point count	ASTM E562	

| Accreditation Number: 1106 | Site Number: 1099 | Printed on : 05-Feb-2020

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