


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 2668 Accredited to ISO/IEC 17025:2017	Innoval Technology Limited Issue No: 021 Issue date: 28 February 2025	
	UNIT 9 Selden Way Catcliffe Rotherham S60 5AA	Contact: Mr Mason Shipley-Jones Tel: +44 (0)1709 724300 E-Mail: mason.shipley-jones@innovaltec.com Website: www.innovaltec.com
Testing performed at the above address only		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
METALS, ALLOYS AND METAL PRODUCTS	<u>Mechanical Tests</u>	
Aluminium sheet	Earing	ISO 11531:2022
	Erichsen cupping	ISO 20482:2013
Metals, Alloys and Metal Products	Vickers micro-hardness (HV 0.1 and HV0.5)	BS EN ISO 6507-1:2023
	Tensile (Ambient) (Forces up to 50 kN)	BS EN ISO 6892-1: 2019 ASTM E8/E8M-24
	Plastic strain ratio (r)	ASTM E517-19
	Strain hardening exponent (n)	ASTM E646-16
	<u>Metallurgical Tests</u>	
	Grain size	ASTM E112-13(2021)
	Particle size measurement (Automatic Image Analysis)	ASTM E1245-03 (2023)
	<u>Corrosion Tests</u>	
Aluminium alloys	Corrosion potentials	ASTM G69-20
	Exfoliation corrosion	ASTM G34-23 ASTM G66-23
	Galvanic corrosion	ASTM G71-81(2024)



2668
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Innoval Technology Limited
Issue No: 021 **Issue date:** 28 February 2025

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
METALS, ALLOYS AND METAL PRODUCTS (cont'd)	<u>Corrosion Tests</u> (cont'd)	
Aluminium alloys (cont'd)	Intergranular corrosion	BS EN ISO 11846:2008 Method B Documented In-house Method CTS-024
	Pitting corrosion	ASTM G46-21
	<u>Chemical Tests</u>	
METALS, ALLOYS AND METAL PRODUCTS	Qualitative analysis	Documented In-house Method CTS-019 using SEM/EDX Documented In-house Method CTS-021 using FTIR
	<u>Physical Tests</u>	
Aluminium alloys	Electrical conductivity	Documented In-house Method CTS-028 using Verimet M4900 conductivity meter.
	Melting temperature ranges	Documented In-house Method CTS-022 using DSC
	Quantitative Oxide film thickness	Documented In-house Method CTS-021-Appendix 2 using FTIR
	<u>Chemical Tests</u>	
Paint coatings	Cure test	Documented In-house Method CTS-025
	<u>Mechanical Tests</u>	
	Adhesion	ASTM D3359-23 Method B
	Coating flexibility	Documented In-house Method CTS-025
	Hardness (Pencil)	ASTM D3363-22
	Impact resistance	ASTM D2794-93(2019)
END		