

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 <p>UKAS TESTING 2668</p> <p>Accredited to ISO/IEC 17025:2005</p>	<h3>Innoval Technology Limited</h3> <p>Issue No: 007    Issue date: 04 January 2012</p>	
	<p>Beaumont Close Banbury Oxon OX16 1TQ</p>	<p>Contact: Mrs K Hall Tel: +44 (0)1295 702817 Fax: +44 (0)1295 702898 E-Mail: karen.hall@innovaltec.com Website: www.innovaltec.com</p>
<p>Testing performed at the above address only</p>		

### 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 11531:1994
	Erichsen cupping	ISO 20482:2003
	Vickers micro-hardness (HV 0.1)	BS EN ISO 6507-1:2005
	<u>Metallurgical Tests</u>	
	Grain size	ASTM E112-2010
	Particle size measurement	ASTM E1245-03
Aluminium alloys	<u>Corrosion Tests</u>	
	Corrosion potentials	ASTM G69-97
	Exfoliation corrosion	ASTM G34-01 ASTM G66-99
	Galvanic corrosion	ASTM G71-81
	Intergranular corrosion	Documented In-house Method CTS-024
	Pitting corrosion	ASTM G46-94



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
METALS, ALLOYS AND METAL PRODUCTS (cont'd)	<u>Chemical Tests</u>	
Aluminium & Aluminium powders	Residual carbon	Documented In-house Method CTS-029 using Leco RC 412
	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
	Oxide film thickness	Documented In-house Method CTS-021 using FTIR
	<u>Chemical Tests</u>	
Paint coatings	Cure test	Documented In-house Method CTS-025
	<u>Mechanical Tests</u>	
	Adhesion	ASTM D3359-09e2
	Coating flexibility	Documented In-house Method CTS-025
	Hardness (Pencil)	ASTM D3363-05
	Impact resistance	Documented In-house Method CTS-025
END		