


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>4109</p> <p>Accredited to ISO/IEC 17025:2005</p>	<h3>Particle Technology Ltd</h3> <p>Issue No: 006 Issue date: 25 October 2011</p>	
	<p>Unit 1 Station Yard Industrial Estate Hatton Derbyshire DE65 5DU</p>	<p>Contact: Mr G Spicer Tel: +44 (0)1283 520365 Fax: +44 (0)1283 520412 E-Mail: sales@particletechnology.com Website: www.particletechnology.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
<p>General Non-explosive stores and equipment including:-</p> <p>Aerospace Structures, Materials and Equipment Agricultural Equipment Computers and Peripherals Domestic Appliances Electrical/Electronic Components, Connectors and Products Electro-Mechanical Devices Large Shipping Cases Loaded Containers Marine Equipment Mining Equipment Missiles, Missile Sub-Assemblies and Components Motor Vehicle Accessories and Components Office Equipment Packages and Packaging Material Pressure Vessels Radar Equipment Radio and Television Equipment Railway Equipments, Tracksides and Rolling Stock Safety Appliances and Equipment Satellites and Sub-Assemblies Security Devices and Alarms Shipping Containers and Systems Telecommunications Equipment</p>	<p>ENVIRONMENTAL TESTS (Non Explosive Items)</p> <p>DUST and SAND</p> <p>Turbulent Dust Max chamber size: 3.8 m x 4.0 m x 2.6 m</p> <p>Driving Dust and Sand Max chamber size (temperature): 3.8 m x 4.0 m x 2.6 m (80 °C) 12.5 m x 6.0 m x 4.0 m (71 °C) Max test section: 300 mm diameter</p> <p>Typical max velocities: 60 m/s with 150 mm duct 30 m/s with 300 mm duct</p> <p>Concentrations: 50 mg/m³ to 60 g/m³</p> <p>Dehumidification: < 20 %RH</p>	<p>DEF STAN 00-35:Part 3: Test CL 25 DEF STAN 07-55:Part 2 Section 4-1: Test D1 MIL-STD 810D, Method 510.2 MIL-STD 810E, Method 510.3 MIL-STD 810F, Method 510.4 Procedures I and II MIL-STD 810G, Method 510.5 Procedures I and II RTCA DO-160D Section 12 RTCA DO-160E Section 12 RTCA DO-160F Section 12 RTCA DO-160G Section 12 EN 2591-308:1998</p>



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Particle Technology Ltd

Issue No: 0056 **Issue date:** 10 January 2011

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Continued from Page 1 Traffic Signals and Signs, Static and Portable Unit Loads Unitised Loads Weapons and Sub-Assemblies Enclosures/cabinets (all types)	ENVIRONMENTAL TESTS (Non Explosive Items) (cont'd) INGRESS PROTECTION IP3X Protected against solid objects greater than 2.5 mm diameter IP4X Protected against solid objects greater than 1.0 mm diameter IP5X Dust protected IP6X Dust tight IPX4 Protected against splashing water IPX5 Protected against water jets IPX6 Protected against Powerful water jets	IEC 60529:2001 BS EN 60529:1992(2000) ISO 20653:2006 DIN 40050:Part 9:1993 Max chamber size for ISO 20653: 1 m x 1 m x 1 m Except 4k & 6k for degrees of protection against water to 4, 5, & 6 for ISO 20653 and DIN 40050
	END	