

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS TESTING 4109</p> <p>Accredited to ISO/IEC 17025:2005</p>	<h3>Particle Technology Ltd</h3>	
	<p>Issue No: 004 Issue date: 14 December 2009</p>	
<p>Units 1 & 2 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, Trackside and Rolling Stock Safety Appliances and Equipment Satellites and Sub-Assemblies Security Devices and Alarms</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: 3.8 x 4 x 2.6 m</p> <p>Max test section: 300 mm diameter</p> <p>Max temperature: 80°C</p> <p>Max velocities: 50 m/s with 230 mm duct 30 m/s with 300 mm duct</p> <p>Concentrations: 50 mg/m³ to 60 g/m³</p>	<p>DEF STAN 00-35:Part 3: Test CL 25</p> <p>DEF STAN 07-55:Part 2 Section 4-1: Test D1</p> <p>MIL-STD 810D, Method 510.2 MIL-STD 810E, Method 510.3 MIL-STD 810F, Method 510.4 Procedures I and II</p> <p>MIL-STD 810G, Method 510.5 Procedures I and II</p> <p>RTCA DO-160D Section 12 RTCA DO-160E Section 12 RTCA DO-160F Section 12 EN 2591-308:1998</p>



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Continued from Page 1 Shipping Containers and Systems Telecommunications Equipment 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 529*:1989 BS EN 60529*:1992 ISO 20653:2006 (*Excluding force measurements for IP3X and IP4X tests) 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 ISO20653
	END	