


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>4109</p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>Particle Technology Ltd</h3> <p>Issue No: 019 Issue date: 04 March 2021</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</p> <p>Computers and Peripherals Domestic Appliances Electrical/Electronic Components, Connectors and Products Electro-Mechanical Devices Telecommunications Equipment Large Shipping Cases Loaded Containers Marine Equipment Mining Equipment Missiles, Missile Sub-Assemblies and Components</p> <p>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</p>	<p>ENVIRONMENTAL TESTS (Non-explosive Items)</p> <p>DUST and SAND</p> <p>Turbulent Dust</p> <p>Max chamber size: 6.0 m x 5.5 m x 4.0 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)</p> <p>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:Issue 4 Test CL 25 DEF STAN 00-035:Part 3 Issue 5 Test CL25 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:2008, Method 510.5 Procedures I and II MIL-STD-810G:2014, Method 510.6 MIL-STD-810H, Method 510.7 Procedures I and II RTCA DO-160F Section 12 RTCA DO-160G Section 12 EN 2591-308:1998 STANAG 4370 AECTP 300 Ed 3 Method 313</p>



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>Continued from Page 1</p> <p>Security Devices and Alarms Shipping Containers and Systems Traffic Signals and Signs, Static and Portable Unit Loads Unitised Loads Weapons and Sub-Assemblies</p> <p>Enclosures/cabinets (all types)</p>	<p>ENVIRONMENTAL TESTS (Non-explosive Items) (cont'd)</p> <p>INGRESS PROTECTION</p> <p>IP3X Protected against solid objects greater than 2.5 mm diameter</p> <p>IP4X Protected against solid objects greater than 1.0 mm diameter</p> <p>IP5X Dust protected</p> <p>IP5KX Dust Protected</p> <p>IP6X Dust tight</p> <p>IP6KX – Dust tight</p> <p>IPX4 Protected against splashing water</p> <p>IPX5 Protected against water jets</p> <p>IPX6 Protected against powerful water jets</p> <p>IPX6K Protected against powerful water jets with increased pressure</p> <p>IPX7 Protected against the effects of immersion (up to 1m)</p> <p>IPX8 Protected against the effects of submersion</p>	<p>IEC 60529:2001 + A2:2013 BS EN 60529:1992(2000) ISO 20653:2013 DIN 40050:Part 9:1993</p>

