


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>2379</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p>Product Assessment & Reliability Centre Limited T/A PARC</p> <p>Issue No: 039 Issue date: 19 February 2026</p>	
	<p>Unit 4 Alverdiscott Road Industrial Estate Bideford Devon EX39 4LQ</p>	<p>Contact: Alison Sussex Tel: +44 (0)1237 421255 E-Mail: quality@parctest.co.uk Website: www.parctest.co.uk</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: Aerospace Structures, Materials and Equipment Agricultural Equipment Computers and Peripherals Domestic Appliances Electrical/Electronic Components, Connectors and Products Electro-Mechanical Devices Loaded Containers Marine Equipment Mining Equipment Missile Sub-Assemblies and Components Medical devices and components Sub-sea equipment & components Motor Vehicle Accessories and Components Office Equipment Radar Equipment Radio and Television Equipment Safety Appliances and Equipment Weapons and Sub-Assemblies Satellites and Sub-Assemblies Security Devices and Alarms Telecommunications Equipment Rail and Rolling Stock Equipment and components</p>	<p>ENVIRONMENTAL TESTS non-explosive items</p> <p>CLIMATIC</p> <p><u>High Temperature - Low Humidity</u> - Steady State and Cyclic</p> <p>Max temp: +150°C Max chamber size:</p> <p>2 m x 2 m x 2 m</p>	<p>BS EN 60068-2-2:2007 Test B BS EN 60068-2-2:1993 Tests Ba, Bb IEC 68-2-2:1974 Supp A:1976, Amd 1:1993 DEF STAN 00-035 (Part 3) Issue 6 Test CL2 DEF STAN 00-35 (Part 3) Issue 3 Test CL1 DEF STAN 00-35 (Part 3) Issue 4 Test CL2 DEF STAN 00-035 (Part 3) Issue 5 Test CL2 MIL STD-810H:CN1 Method 501.7 MIL-STD-810H Method 501.7 MIL-STD-810G, Method 501.5 MIL-STD-810G:CN1 Method 501.6 MIL-STD-810F, Method 501.4 MIL-STD-810E, Method 501.3 MIL-STD-810D, Method 501.2 BS EN 50155:2021 RTCA DO-160D, Sections 4 & 5 RTCA DO-160E, Sections 4 & 5 RTCA DO-160F, Sections 4 & 5 RTCA DO-160G, Sections 4 & 5</p>



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As listed on Page 1	<p>ENVIRONMENTAL TESTS non-explosive items (cont'd)</p> <p>CLIMATIC (cont'd)</p> <p>Max temp: +180°C Max chamber size: 1.0 m x 1.0 m x 1.0 m</p> <p>Max temp: +200°C Max Chamber Size 0.5 m x 0.6 m x 0.8 m</p> <p>Max Temp +71°C Max chamber size: 2.7 m x 2.7 m x 2.7m</p>	<p>EURO CAE ED-14G, sections 4 & 5 BS 7987:2001 TR2130B:May 1993: Section 3.1 TR2130C, Feb 2002 : Section 3.2 TR2130E:Aug 2014: Section 6 EN ISO 13628-6:2006 DEF STAN 08-123 (NES 1004) Issue 1:April 2000 DEF STAN 08-123 (NES 1004) Issue 2:Nov 2012 Data Sheet 9 BS EN 60068-2-14:2023 Test N BS EN 60068-2-14:2009 Test Nb BS EN 60945:2002, Test 8.2 ISO 16750-4:2010 ISO 16750-4:2023</p>



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As listed on Page 1	<p>ENVIRONMENTAL TESTS non-explosive items (cont'd)</p> <p>CLIMATIC (cont'd)</p> <p><u>Low Temperature</u> - Steady State and Cyclic</p> <p>Min temp: -70°C Max chamber size: 1.0 m x 1.0 m x 1.0 m</p> <p>Min temp: -40°C Max chamber size: 1 m x 1.2 m x 1.9 m</p> <p>Min temp: -5°C Max chamber size: 2 m x 1.6 m x 2.2 m</p> <p>Min temp: -65°C Max chamber size: 2.0 m x 2.0 m x 2.0 m</p> <p>Min temp: -25°C Max chamber size: 2.7 m x 2.7 m x 2.7m</p> <p>Icing Max Chamber Size: 2.7m x 2.7m x 2.7m</p>	<p>BS 2011:Part 2.1A:1990 MIL-STD-810H CN1 Method 502.7 MIL-STD-810H, Method 502.7 MIL-STD-810G, Method 502.5 MIL-STD-810G:CN1 Method 502.6 MIL-STD-810F, Method 502.4 MIL-STD-810E, Method 502.3 MIL-STD-810D, Method 502.2 RTCA DO-160D, Sections 4 & 5 RTCA DO-160E, Sections 4 & 5 RTCA DO-160F, Sections 4 & 5 RTCA DO-160G, Sections 4 & 5 EURO CAE ED-14G, sections 4 & 5 DEF STAN 00-35 (Part 3) Issue 4 Test CL5 DEF STAN 00-035 (Part 3) Issue 5 Test CL5 DEF STAN 00-035 (Part 3) Issue 6 Test CL6 TR2130C :Feb 2002 Section 3.3 TR2130E:Aug 2014 Section 6 TR2130B: May 1993 Section 3.2 DEF STAN 08-123 (NES 1004) Issue 1 April 2000 DEF STAN 08-123 (NES 1004) Issue 2 Nov 2012 Data Sheet 9 BS EN 60068-2-14:2023 Test N BS EN 60068-2-14 :2009 Test Nb BS EN 60068-2-1:2007 IEC 68-2-1:1990 DEF STAN 00-35 (Part 3) Issue 3 Tests CL4, CL5 BS EN 60945 :2002, Test 8.4 BS 7987:2001 ISO 16750-4:2010 ISO 16750-4:2023 EN ISO 13628-6:2006 BS EN 50155:2021</p> <p>MIL STD 810F/G/H Method 521 RTCA DO-160G sect 24 Cat C DEF STAN 00-035 CL10 Part 3 Issue 4, 5 & 6</p>



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As listed on Page 1	<p>ENVIRONMENTAL TESTS non-explosive items (cont'd)</p> <p>CLIMATIC (cont'd)</p> <p><u>High/Low Temperature & Humidity</u> - Steady State and Cyclic (cont'd)</p> <p><u>Low Air Pressure (altitude)</u></p> <p>Max chamber size: 1.0 m x 1.0 m x 1.0 m Max altitude: 100 000 ft</p>	<p>MIL-STD-810E, Method 507.3 MIL-STD-810D, Method 507.2 BS EN 50155:2021 DEF STAN 00-35 (Part 3) Issue 3 Test CL7 DEF STAN 00-35 (Part 3) Issue 4 Test CL6 DEF STAN 00-035 (Part 3) Issue 5 Test CL6 RTCA DO-160D, Section 6 RTCA DO-160E, Section 6 RTCA DO-160F, Section 6 RTCA DO-160G, Section 6 EURO CAE ED-14G, section 6 TR2130B: May 1993:Section 3.4 TR2130C : Feb 2002, Section 3.5 TR2130E:Aug 2014 Section 6 DEF STAN 08-123 (NES 1004) Issue 1:April 2000 DEF STAN 08-123 (NES 1004) Issue 2 Nov 2012 Data Sheet 9 BS EN 60945:2002, Test 8.3 BS 7987:2001 ISO 16750-4:2010 ISO 16750-4:2023</p> <p>BS EN 60068-2-13:2021 Test M BS EN 60068-2-13:M:1999 RTCA/DO-160D, Section 4 RTCA/DO-160E, Section 4 RTCA/DO-160F, Section 4 RTCA/DO-160G, Section 4 EURO CAE ED-14G, section 4 DEF STAN 00-35 (Part 3) Issue 4 Test CL21, Procedures A, B & C DEF STAN 00-035 (Part 3) Issue 5 Test CL11 DEF STAN 00-035 (Part 3) Issue 6 Test CL11</p>



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As listed on Page 1	<p>ENVIRONMENTAL TESTS non-explosive items (cont'd)</p> <p>CLIMATIC (cont'd)</p> <p><u>Low Air Pressure</u> (altitude) (cont'd)</p> <p>Dry Heat & Low Air Pressure (altitude)</p> <p>Low Temperature & Low Air Pressure (altitude)</p> <p>Icing (Combined Altitude/ Temperature/ Humidity) Max Chamber Size: 1m x 1m x 1m</p>	<p>MIL-STD 810F, Method 500.4 MIL-STD 810G, Method 500.5 MIL-STD-810G:CN1 Method 500.6 MIL-STD 810H, Method 500.6 MIL-STD-810H CN1 Method 500.6</p> <p>BS EN 60068-2-41:Z/BM:2000 RTCA DO-160D, Section 4 RTCA DO-160E, Section 4 RTCA DO-160F, Section 4 RTCA/DO-160G, Section 4 EURO CAE ED-14G, section 4 DEF STAN 00-35 (Part 3) Issue 4 Test CL11 Procedure A DEF STAN 00-035 (Part 3) Issue 5 Test CL11 DEF STAN 00-035 (Part 3) Issue 6 Test CL11</p> <p>RTCA DO-160D, Section 4 RTCA DO-160E, Section 4 RTCA DO-160F, Section 4 RTCA/DO-160G, Section 4 EURO CAE ED-14G, section 4 MIL-STD 810F, Method 500.4 MIL-STD 810G, Method 500.5 MIL-STD-810G:CN1 Method 500.6 MIL-STD-810H, Method 500.6 MIL-STD-810H CN1 Method 500.6 BS EN 60068-2-40:2000:Z/AM DEF STAN 00-35: (Part 3) Issue 4 Test CL12 DEF STAN 00-035: (Part 3) Issue 5 Test CL11 DEF STAN 00-035 (Part 3) Issue 6 Test CL11</p> <p>RTCA DO 160G, Section 24 EURO CAE ED-14G, Section 24</p>



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As listed on Page 1	<p>ENVIRONMENTAL TESTS non-explosive items (cont'd)</p> <p>CLIMATIC (cont'd)</p> <p><u>Ingress Protection Tests Solids (Probes and dust)</u></p> <p>IP1X _Protected against solid objects greater than 50 mm dia IP2X _Protected against solid objects greater than 12.5 mm dia IP3X Protected against solid objects greater than 2.5 mm dia IP4X Protected against solid objects greater than 1.0 mm dia IP5X Dust Protected IP6X Dust Tight</p> <p><u>Ingress Protection Tests (Water)</u></p> <p>IPX2 Protected against dripping water when tilted up to 15° IPX3 Protected against spraying water IPX4 Protection against splashing water IPX5 Protected against water jets IPX6 Protected against powerful water jets IPX7 Protected against the effects of immersion IPX8 Protected against the effects of submersion</p> <p>IPX9 and IPX9K Protection against effects of high pressure and water pressure Chamber:4.5 m x 2.3 m x 2.5 m</p>	<p>BS EN 60529:1992+A2:2013 BS EN 60529:1992 (2000) EN 60529:1991 TR2130E:Aug 2014 Section 6 BS EN 60598 -1: 2021 BS EN 60598 -1: 2015 BS EN 60598 -1: 2008 ISO 20653:2013 ISO 20653:2006 BS 7987:2001</p> <p>BS EN 60529:1992+A2:2013 BS EN 60529:1992 (2000) EN 60529:1991 EN 60598-1:2021 EN 60598-1:2015 EN 60598-1:2008 DIN 40050 Part 9:May 1993 TR 2130B:1993 TR 2130C:2002 TR2130E:Aug 2014 Section 6 BS EN 60068-2-18:2001 BS 7987:2001 DEF STAN 00-35 (Part 3) Issue 4 Test CL29, Procedures A and B DEF STAN 00-035 (Part 3) Issue 5 Test CL29 DEF STAN 00-035 (Part 3) Issue 6 Test CL29 ISO 20653:2006 ISO 20653:2013 MIL STD 810H CN1 Method 512.6 Procedure 1</p> <p>ISO 20653:2013 Section 6 BS EN 60529:1992+A2:2013</p>



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As listed on Page 1	<p>ENVIRONMENTAL TESTS non-explosive items (cont'd)</p> <p>CLIMATIC (cont'd)</p> <p><u>Rain & Spray</u> Chamber size : H 4.5 m x W 2.3 m x H 2.5 m</p> <p>Driving Rain</p> <p>Condensing Water Drip Proof Test Spray Proof Test</p> <p><u>Salt Spray</u> Chamber size: W 1650 mm D 540 mm H 740 mm</p>	<p>BS EN 60945:2002, Test 8.8 TR2130B:May 1993 section 3 TR2130E:Aug 2014 Section 6</p> <p>DEF STAN 00-35:Iss 4, Test CL27</p> <p>RTCA DO-160G/EUROCAE ED14G Section 10.3.1 – 10.3.3</p> <p>MIL-STD 810D, Method 509.2 MIL-STD 810E, Method 509.3 MIL-STD 810F, Method 509.4 MIL-STD 810G, Method 509.5 MIL-STD-810G:CN1 Method 509.6 MIL-STD-810H, Method 509.7 MIL-STD-810H CN1 Method 509.8 BS EN 60068-2-11:2021 EN 60068-2-11:1999 Ka IEC 60068-2-11:1981 Ka BS EN IEC 60068-2-52:1996 Kb BS EN 60068-2-52:2018 Kb ASTM B117-19 ASTM-B117-16 ASTM-B117-11 RTCA DO-160D, Section 14 RTCA DO-160E, Section 14 RTCA DO-160F, Section 14 RTCA DO-160G, Section 14 EURO CAE ED-14G, section 14 DEF STAN 00-35 (Part 3) issue 4 Test CN2 DEF STAN 00-035 (Part 3) issue 5 Test CN2 DEF STAN 00-035 (Part 3) Issue 6 Test CN2 BS EN 60945:2002, Test 8.12 ISO 16750-4:2006 ISO 16750-4 :2023 TR2130E:Aug 2014 Section 7 BS EN 50155:2021</p>



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As listed on Page 1	<p>ENVIRONMENTAL TESTS non-explosive items (cont'd)</p> <p>DYNAMIC (cont'd) Single Parameters (cont'd)</p> <p>Vibration (with change of temperature) Freq range: 3 to 2000 Hz Max Load:</p> <ul style="list-style-type: none"> - Vertical: 600 kg - Horizontal: 600 kg <p>Max pk-pk displacement: 63.5 mm Max temperature: +170°C Min temperature: -70°C Max chamber size: 0.85 m x 0.85 m x 0.85 m</p> <p>BUMP (ambient temperature)</p> <p>Max item mass: 1500 kg Max item height: 3.0 m Max severity: 100 g Pulse duration: 1-30 ms</p>	<p>MIL STD 810H Method 512.6 MIL STD 810H CN1 Method 512.6 MIL-STD-810H CN1 Method 514.8 MIL-STD-810H, Method 514.8 MIL-STD 810G, Method 514.6 MIL-STD-810G:CN1 Method 514.7 MIL-STD 810F:2001 BS EN 60068-2-6:2008 BS EN 60068-2-50 :2000 BS EN 60068-2-51 : 2000 BS EN 60068-2-53 : 2010 BS 2011:Part 2.2, 2/AFC and Z/BFC BS EN 60068-2-80 2005, Test Fi</p> <p>DEF STAN 00-35 (Part 3) Issue 3 Test M12:1986 DEF STAN 00-35 (Part 3) Issue 4 Test M12 DEF STAN 00-035 (Part 3) Issue 5 Test M12 DEF STAN 00-035 (Part 3) Issue 6 Test M12 BS 2011:Part 2.1:Eb:1987 BS EN 60068-2-29:1993 BS EN 60068-2-27:2009 TR2130 iss B:May 1993: Section 3.10 TR2130C, Feb 2002, Section 5.7 - 5.9 TR2130E:Aug 2014 Section 5 BS ISO 16750-3:2012 BS ISO 16750-3:2023</p>



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As listed on Page 1	<p>ENVIRONMENTAL TESTS non-explosive items (cont'd)</p> <p>DYNAMIC (cont'd) Single Parameters (cont'd)</p> <p><u>HIGH IMPACT SHOCK AND BUMP</u> Max shock: 1500g</p> <p>Max mass of test item : 13kg</p> <p><u>IMPACT</u> <u>IK04-07</u> Striking Elements 0.5, 0.7, 1, 2 Joules <u>IK07-10</u> Striking Elements 2, 5, 10, 20 Joules <u>IK11</u> <u>Striking Element</u> 50 Joules</p> <p><u>DROP & TOPPLE</u></p>	<p>BS EN 60068-2-27:2009 DEF STAN 00-35 (Part 3) Issue 4 DEF STAN 00-035 (Part 3) Issue 5 DEF STAN 00-035 (Part 3) Issue 6 MIL-STD-810G:CN1, Method 516 MIL-STD-810H, CN1 Method 516 MIL-STD 810H, Method 516</p> <p>BS EN 60068-2-75:2014 Tests Ehb and Ehc</p> <p>BS EN 62262:2002+A1 2021 TR2130E:Aug 2014 Section 5</p> <p>BS EN 60068-2-31: Ec:2008 DEF STAN 00-035: Part 3b issue 4 Test M4&M5 DEF STAN 00-035: Part 3b issue 5 Test M4&M5 DEF STAN 00-035: Part 3 issue 6 Test M4 MIL-STD 810D:Method 516.3 MIL-STD 810E:Method 516.4 MIL-STD 810F:Method 516.5 MIL-STD 810G, Method 516.6 MIL-STD-810G:CN1 Method 516.7 MIL-STD-810H Method 516.8 MIL-STD 810H CN1 Method 516.8 TR2130E:Aug 2014 Section 5</p>



2379
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Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Product Assessment and Reliability Centre Limited T/A PARC
Issue No: 039 Issue date: 19 February 2026

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
As listed on Page 1	<p>ENVIRONMENTAL TESTS non-explosive items (cont'd)</p> <p>DYNAMIC (cont'd) Single Parameters (cont'd)</p> <p><u>FREE FALL</u> Max drop ht: 2.5 m Max item mass: 250 kg</p>	<p>BS EN 60068-2-32:Ed:1993 BS EN 60068-2-31:Ec:2008 MIL-STD 810D Method 516.3:1986 MIL-STD 810E Method 516.4:1990 MIL-STD 810F Method 516.5:2000 MIL-STD 810G Method 516.6 MIL-STD-810G:CN1 Method 516.7 MIL-STD-810H Method 516.8 MIL-STD-810H CN1 Method 516.8 BS ISO 16750-3:2012 BS ISO 16750-3:2023</p>
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