Schedule of Accreditation

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Abtest Ltd

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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
GENERAL NON-EXPLOSIVE MATERIALS AND EQUIPMENT including: AEROSPACE STRUCTURES, MATERIALS AND EQUIPMENT AGRICULTURAL EQUIPMENT COMPUTERS AND PERIPHERALS CONSTRUCTION PLANT, EQUIPMENT, PRODUCTS AND MATERIALS DOMESTICAL APPLIANCES ELECTRICAL/ELECTRONIC COMPONENTS, CONNECTORS AND PRODUCTS ELECTRO-MECHANICAL DEVICES HYDRAULIC EQUIPMENT AND FITTINGS MARINE EQUIPMENT MECHANICAL PRODUCTS AND PLANT MICRO-ELECTRONIC CIRCUITS AND COMPONENTS MINING COMPONENTS AND EQUIPMENT MOTOR VEHICLE COMPONENTS AND COMPONENTS OFFICE EQUIPENT PRINTED CIRCUIT BOARDS AND ASSEMBLIES RADAR EQUIPMENT RADIO AND TV EQUIPMENT	ENVIRONMENTAL TESTS (non-explosive items) **CLIMATIC** **Single Parameters** HIGH TEMPERATURE Max temp: +300°C Max chamber size: 0.6 m x 0.6 m x 0.6 m LOW TEMPERATURE Min temp: -80°C Max chamber size: 0.4 m x 0.5 m x 0.7 m	BS EN 60068-2-2 : 2007 Test Bb BS EN 60068-2-2:1993Tests Ba,Bb BS 2011:B:1977(1980) Tests Ba, Bb IEC 68-2-2:1974(1976)Tests Ba,Bb DEF STAN 00-35 Part 3 Issue 4 Test CL1 DEF STAN 07-55:1975 Test B1 MIL STD 202G :2002 Method 108A MIL-STD 202F:1980 Method 108A MIL STD 810G:2002 Method 501.5 MIL STD 810F:2000 Method 501.4 MIL-STD 810E:1989 Method 501.3 MIL-STD 1344A:1977 Method 1005.1 MIL-C 38999J 4.7.33.1 RTCA/DO-160 D / E & F Section 4 BS EN 60068-2-1: 2007 Test Ab BS EN 60068-2-1:1993 Tests Aa, Ab BS 2011:A:1977 & 1990 Tests Aa, Ab IEC 68-2-1:1990 Test Aa, Ab DEF STAN 07-55:1975 Test B4 MIL STD 810G:2002 Method 502.5 MIL STD 810F Method 502.4

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
GENERAL NON-EXPLOSIVE MATERIALS AND EQUIPMENT including: (cont'd) SAFETY APPLIANCE AND EQUIPMENT SATELLITES AND SUB-ASSEMBLIES SECURITY DEVICES AND ALARMS STRUCTURES AND COMPONENTS TELECOMMUNICATION EQUIPMENT	ENVIRONMENTAL TESTS (non-explosive items) (cont'd) **CLIMATIC** **Single Parameters (cont'd)** LOW TEMPERATURE (cont'd)	MIL-STD 810E:1989 Method 502.3 MIL-C 38999J 4.7.39 RTCA/DO-160 D / E & F, Section 4 MIL STD 1344A:1977 Method 1002.2 DEF STAN 00-35 Part 3 Issue 4 Test CL4
	TEMPERATURE CHANGE (Thermal Shock) Max temp: +300°C Chamber size: 0.6 m x 0.6 m x 0.6 m Min temp: -80°C Chamber size: 0.4 m x 0.5 m x 0.7 m	BS EN 60068-2-14:2000 BS 2011:N:1985(1987) Tests Na, Nb, Nc IEC 68-2-14:1984 Tests Na, Nb, Nc DEF STAN 00-35 Part 3 Issue4 Test CL14 DEF STAN 07-55:1975 Test B14 MIL-STD 202F:1980 Method 107G MIL STD 810G:2008 Method 503.5 MIL STD 810F:2000 Method 503.4 MIL-STD 810E:1989 Method 503.3 MIL STD 883G Methods 1010.8,1011.9 MIL-STD 883D:1991 Methods 1010.7, 1011.9 MIL-STD 1344A:1977 Method 1003.1 MIL-C 38999J 4.7.4 RTCA/DO-160 D /E & F, Section 5 DEF STAN 00-35 Part 3, Issue 4 Test CL5 DEF STAN 07-55:1975 Test B5 MIL STD 202G:2002 Method 107G

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
GENERAL NON-EXPLOSIVE MATERIALS AND EQUIPMENT including: (cont'd) As listed on Pages 1 and 2	ENVIRONMENTAL TESTS (non-explosive items) (cont'd) **CLIMATIC** **Single Parameters** (cont'd)	
	HIGH HUMIDITY - steady state Temp range: +10°C to +100°C Humidity range: 10% RHRHo 98% rh Max chamber size: 0.8 m x 0.8 m x 0.5 m	BS EN 60068-2-78 :2002 Test Cab IEC 60068-2-78 :2001 Test Cab BS EN 60068-2-56:1990 BS 2011:Ca:1977(1987) BS 2011:Cb:1990 IEC 68-2-3:1969 IEC 68-2-56:1988 DEF STAN 00-35 Part 3 Issue 4 Test CL7 DEF STAN 07-55:1975 Test B7 MIL-STD 202G:2002 Method 103B MIL-STD 202F:1980 Method 103B MIL-STD 1344A:1977 Method 1002.2 MIL-C 38999J 4.7.25
	HIGH HUMIDITY - cyclic Temp range: -25°C to +100°C Humidity range: 10% RH to 95% RH Max chamber size: 0.5 m x 0.5 m x 0.5 m	BS EN 60068-2-30:2005 BS EN 60068-2-30:1999 BS EN 60068-2-30:1981 IEC 60068-2-30 :1980 BS 2011:Db:1981 IEC 68-2-30:1980 DEF STAN 07-55:1975 Tests B6, B8 MIL-STD 202G:2002 Method 106G MIL-STD 202F:1980 Method 106F MIL-STD 810F:2002 Method 507.4 MIL-STD 810E:1989 Method 507.3 MIL-STD 883D:1991 Method 1004.7 MIL-STD 1344A:1977 Method 1002.2 MIL-C 38999J 4.7.25 RTCA/DO-160 D, E & F Section 6 MIL-STD 883G: 2006 Method 1004.7 BS EN 60068-2-38:1999 Test Z/AD

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
GENERAL NON-EXPLOSIVE MATERIALS AND EQUIPMENT including: (cont'd) As listed on Pages 1 and 2	ENVIRONMENTAL TESTS (non-explosive items) (cont'd) **CLIMATIC** **Single Parameters** (cont'd)	
	LOW PRESSURE Including Pressure Change and Temperature Min pressure: 6 mbar Max chamber size: 0.7 m x 0.6 m x 0.6 m	BS EN 60068-2-13:1999 BS 2011:M:1984 IEC 68-2-13:1983 MIL-STD 202G:2002 Method 105C MIL-STD 202F:1980 Method 105C MIL STD 810 G:2008 MIL STD 202F:2000 Method 500.4 MIL_STD 810E:1989 Method 500.3 MIL-STD 883G:2006 Method 1001 MIL-STD 883F:2004 Method 1001 MIL-STD 883E:1996 Method 1001 MIL-STD 883D:1991 Method 1001 MIL-STD 1344A:1977 Method 1004.1 MIL-C 38999J 4.7.8
	DUST, SAND Chamber size: 0.9 m x 0.9 m x 0.9 m	BS EN 60529:1991 & 1992 DEF STAN 00-35 Part 3 Issue 4 Test CL25 DEF STAN 07-55:1975 Test D1
	ICING	RTCA/DO-160 D to F, Section 24 Cat A
	WATER Drip, Spray, Splash, Rain Plan area: 0.45 m x 0.30 m x 0.15 m	BS EN 60068-2-18:2001 IEC 60068-2-18:2000 BS 2011:R:1990 IEC 68-2-18: BS 3G100:Section 3:Sub-Section 3.11:Grade A and B DEF STAN 07-55:1975 Tests D2, D3, D4, D5 DEF STAN 00-35 Section 3 Issue 4 Tests CL 26, CL27, CL28, CL 29

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
GENERAL NON-EXPLOSIVE MATERIALS AND EQUIPMENT including: (cont'd) As listed on Pages 1 and 2	ENVIRONMENTAL TESTS (non-explosive items) (cont'd) **CLIMATIC** **Single Parameters** (cont'd) **<u>Ingress Protection Tests (Probes)</u>** 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 **<u>Ingress Protection Tests (Dust)</u>** IP5X Dust Protected IP6X Dust Tight **<u>Ingress Protection Tests (Water)</u>** IPX1 Protected against dripping water 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 (1 m) IPX8 Protected against the effects of submersion IPX9K Water ingress - High pressure jet	 BS EN 60529:1992 (2000) EN 60529:1991 DIN 40 050: Part 9:May 1993 BS EN 60529:1992 (2000) EN 60529:1991 DIN 40 050: Part 9: May 1993 BS EN 60529:1992 (2000) EN 60529:1991 DIN 40 050:Part 9:May 1993 DIN 40 050:1993:IPX9K

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
GENERAL NON-EXPLOSIVE MATERIALS AND EQUIPMENT including: (cont'd) As listed on Pages 1 and 2	ENVIRONMENTAL TESTS (non-explosive items) (cont'd) **CLIMATIC** **Single Parameters** (cont'd) Immersion Tank size: 0.16 m deep x 0.19 m diameter Fine Mist Chamber size: 0.9 m x 1.3 m x 0.8 m SALT MIST Max chamber size: 0.9 m x 1.3 m x 0.8 m SALT CORROSION Max chamber size: 0.9 m x 1.3 m x 0.8 m	 BS EN 60529:1991 MIL-STD 202G:2002 MIL-STD 202F:1980 Method 104A MIL-STD 810G:2002 Test Method 506.5 MIL-STD 810F:2000 Test Method 506.4 MIL-STD 810E:1989, proc 2 only Method 506.3 RTCA/DO-160 D, E & F Section 10 BS EN 60068-2-11:1999 Test Ka BS 2011:Ka:1982 IEC 68-2-11:1981 DEF STAN 07-55:1975 Test C5 DEF STAN 00-35 Part 3 Issue 4 Test CN 2 BS EN 60068-2-52:1996 Test Kb BS 2011:Kb:1987 IEC 68-2-52:1984 DEF-STAN 00-35 Part 3 Issue 4 Test CN5 DEF-STAN 00-35 Part 3 Issue 4 Test CN2 DEF STAN 07-55:1975 Test C2 ASTM B117:2003 ASTM B117:1994 MIL-STD 202G:2002 Method 101E MIL-STD 202F:1980 Method 101D MIL-STD 810G:2008 Method 509.5 MIL-STD 810F:2002 Method 509.4 MIL-STD 810E:1989 Method 509.3 MIL-STD 883G 2006 Method 1009.8 MIL-STD 883F 2004 Method 1009.8 MIL-STD 883E 1994 Method 1009.8

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
GENERAL NON-EXPLOSIVE MATERIALS AND EQUIPMENT including: (cont'd) As listed on Pages 1 and 2	ENVIRONMENTAL TESTS (non-explosive items) (cont'd) **CLIMATIC** **Single Parameters** (cont'd)	
	SALT CORROSION (cont'd)	MIL-STD 883D:1991 Method 1009.8 MIL-STD 1344A:1977 Method 1001.1 MIL-C 38999J 4.7.12.1 RTCA/DO-160 D to F Section 14
	ACID CORROSION Max Chamber size: 0.9 m x 1.3 m x 0.8 m	DEF-STAN 00-35 Part 3 Issue 4 Test CN3 DEF STAN 00-35:1995 Part 3:Test CN3
	INDUSTRIAL ATMOSPHERE Sulphur Dioxide – App A: gas injection only Hydrogen Sulphide	BS EN 60068-2-43:2003, Test Kc. BS 2011:Kc:1977 (SO_2) IEC 68-2-42:1982(SO_2) BS EN 60068-2-42:2003, Test Kd. BS 2011:Kd:1977 (H_2S) IEC 68-2-43:1976(H_2S)
	Flowing mixed gases Chlorine, Sulphur Dioxide, Hydrogen Sulphite, Nitrogen Dioxide Max chamber size: 0.8 m x 0.5 m x 0.5 m	BS 7561:1992 BS EN 60068-2-60:1996 Methods 1, 2, 3 and 4 IEC 68-2-60:1995 Methods 1, 2, 3 and 4 Test procedures 1 and 2 BT specification D22116:1990 BS EN ISO 9227:2006
	TEMPERATURE/HUMIDITY/LOW PRESSURE Typical chamber size: 0.6 m x 0.6 m x 0.6 m	BS EN 60068-2-41:1999 BS 2011:Z/AD:1977 BS EN 60068-2-61:1994 BS 2011:Z/ABDM:1983 BS 2011:Z:BM;1977(1986) IEC 68-2-41:1976

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
GENERAL NON-EXPLOSIVE MATERIALS AND EQUIPMENT including: (cont'd) As listed on Pages 1 and 2	ENVIRONMENTAL TESTS (non-explosive items) (cont'd) TEMPERATURE/HUMIDITY/LOW PRESSURE (cont'd)	
	High temperature to +125°C Low temperature to -70°C High humidity to 98% rh Low humidity to 10% rh Low pressure to 6 mbar Humidity control at atmospheric pressure only	IEC 68-2-38:1974 MIL-STD 1344A:1977 Method 1011 MIL-C 38999J 4.7.20 JCPS:1985:Issue 3 BLS 30.CT.900:1988 DEF STAN 00-35 Part 3 Issue 4 Test CL11 DEF STAN 00-35 Part 3 Issue 4 Test CL 12 DEF STAN 00-35 Part 3 Issue 4 Test CL13 DEF STAN 00-35 Part 3 Issue 4 Test CL30 RTCA/DO-160 D to F, Section 4
	DYNAMIC **Single/Combined Parameters**	
	VIBRATION - sinusoidal Freq range: 3 to 4300 Hz Peak thrust: 57 kN Max pk/pk displacement: 50.8 mm Temp range: -55°C to +125°C Chamber size: 0.6 m x 0.6 m x 0.6 m	BS EN 60068-2-6:2006 BS EN 60068-2-6:1996 BS 2011:Fc:1983 IEC 68-2-6:1982 Def STAN 00-35 Part 3 Issue 4 Test M1 DEF STAN 07-55:1975 Test A1 MIL-STD 202G:2002 MIL-STD 202F:1980 Method 201A and 204D MIL-STD 810G:2008 Method 514.6 MIL-STD 810F: 2002 Method 514.5 MIL-STD 810E:1989 Method 514.4 MIL-STD 883G:2006 Method 2007.4 MIL-STD 883F:2004 Method 2007.2 MIL-STD 883D:1991 Method 2007.2 RTCA/DO-160 D to F Section 8

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
GENERAL NON-EXPLOSIVE MATERIALS AND EQUIPMENT including: (cont'd As listed on Pages 1 and 2	ENVIRONMENTAL TESTS (non-explosive items) (cont'd) **DYNAMIC** **Single/Combined Parameters** (cont'd) VIBRATION - random Freq range: 5 to 4300 Hz RMS thrust: 66 kN Max pk/pk displacement: 50.8 mm Temp range: -55°C to +125°C Chamber size: 0.6 m x 0.6 m x 0.6 m SHOCK Half Sine, Trapezoidal, Triangular, Rectangular, Initial Peak Sawtooth, Terminal Peak Sawtooth, User Defined Max severity: 125g Max peak thrust: 40 kN Max pk/pk displacement 50.8 mm Max velocity: 2.0 m/s Max item mass: 350 kg Temp range: -55°C to +125°C Max chamber size: 0.6 m x 0.6 m x 0.6 m	 BS EN 60068-2-64:2008 BS 2011:Fd:1973(1984) IEC 68-2-34:1973 DEF STAN 07-55:1975 Test A2 MIL-STD 810G:2002 Method 514.6 MIL-STD 810F:2000 Method 514.5 MIL-STD 810E:1989 Method 514.4 MIL-STD 883G:2006 MIL-STD 883F:2004 MIL-STD 883E:1994 MIL-STD 883D:1991 Method 2026 MIL-STD 202F:1980:Method 204D RTCA/DO-160 D to F, Section 8 BS EN 60068-2-27:1993 BS 2011:Ea:1988 BS 9520:1983 BS 142:Part 1:Sub-section 1.5.2: 1989 BS EN 60068-2-27:1993 BS EN 60255-21-2:1996 IEC 68-2-27:1987 IEC 60255-21-2 :1988 IEC 255-21-2:1988 DEF-STAN 00-35 Part3 Issue 4 Test M3 DEF STAN 07-55:1975 Test A3 MIL-STD 202G:2002 MIL-STD 202F:1980 Method 213B MIL-STD 810G:2002 Method 516.6 MIL-STD 810F:2000 Method 516.5 MIL-STD 810E:1989 Method 516.4 MIL-STD-1344A:1977 Method 2004.1 RTCA DO-160C to F:7.3.1:1990

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
GENERAL NON-EXPLOSIVE MATERIALS AND EQUIPMENT including: (cont'd As listed on Pages 1 and 2	ENVIRONMENTAL TESTS (non-explosive items) (cont'd) **DYNAMIC** **Single/Combined Parameters** (cont'd) BUMP Max severity: 125g Max peak thrust: 40 kN Max pk/pk displacement 50.8 mm Max velocity: 2.0 m/s Max item mass: 350 kg Temp range: -55°C to +125°C Max chamber size: 0.6 m x 06 m x 0.6 m IMPACT Hammer Method up to 1 Nm DROP AND TOPPLE Max item mass: 22.5 kg Max item size: 1 m x 1 m x 1 m Drop surface: - Concrete - Wood FREE FALL Max item mass: 22.5 kg Max item size: 1 m x 1 m x 1 m Max drop height: 1 m Drop surface: - Concrete - Wood VIBRATION/TEMPERATURE/ HUMIDITY	 BS EN 60068-2-29:1993 BS 2011:Eb:1987 IEC 68-2-29:1987 DEF-STAN 00-35 Part 3 Issue 4 Test M12 DEF STAN 07-55:1975 Test A5 BS EN 60598-1 IEC 598 BS EN 60068-2-31:1993 BS 2011:Ec:1977 IEC 68-2-31:1969 DEF-STAN 00-35 Part 3 Issue 4 Test M4 DEF STAN 07-55:1975 Test A4 BS EN 60068-2-32: 1993 BS 2011:Ed:1992 Procedure 1 IEC 68-2-32:1975 DEF-STAN 00-35 Part3 Issue 4 Test M5 DEF STAN 07-55:1975 Test A9 BS EN 60068-2-50:2000:Z/Afc BS 2011:Z/AFc:1984 BS EN 60068-2-51:2000:Z/Bfc BS 2011:Z/BFc:1984 IEC 68-2-50:1983 IEC 68-2-51:1983

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
GENERAL NON-EXPLOSIVE MATERIALS AND EQUIPMENT including: (cont'd) As listed on Pages 1 and 2	ENVIRONMENTAL TESTS (non-explosive items) (cont'd) BUMP/TEMPERATURE/HUMIDITY Vibration/Shock/Bump (dynamic range as above) Temp range: -40°C to +125°C Humidity range: 70% rh to 98% rh Chamber size: 0.6 m x 0.6 m x 0.6 m **MISCELLANEOUS** FLAMMABILITY (fire hazard) Chamber size: 0.9 m x 0.6 m x 0.3 m RESISTANCE TO SOLVENTS AND CONTAMINATING FLUIDS Solvents and fluids as specified	 BS 2011:Pz:1970 RES 30.MS.302:1989 MIL-STD 202F:1980 Method 111A UL94:1973 BS EN 60068-2-45:1993 BS 2011:Xa:1981 IEC 68-2-45:1980 DEF-STAN 00-35 Part 3 Issue 4 Test CN4 DEF STAN 07-55:1975 Test C4 RTCA/DO-160D to F Section 11 MIL-STD 202G:2002 Method 215K MIL-STD 202F:1980 Method 215G MIL-STD 810G:2002 Method 504 MIL-STD 883G:2006 Method 2015.13 MIL-STD 883F:2004 Method 2015.12 MIL-STD 883D:1991 Method 2015.11 MIL-STD 1344A:1977 Method 1016 MIL-C 38999J 4.7.29

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
GENERAL NON-EXPLOSIVE MATERIALS AND EQUIPMENT including: (cont'd) As listed on Pages 1 and 2	ENVIRONMENTAL TESTS (non-explosive items) (cont'd) **MISCELLANEOUS** (cont'd) SEALING Max press: 690 kPa (abs) Min press: 0.5 kPa (abs) SOLDERABILITY (Soldering heat) Solder baths and irons as specified ROBUSTNESS OF TERMINATIONS and CONNECTOR CONTACTS Tensile Compression Bending Torsion Torque MICROSECTIONING Plating thickness Photomicrography magnification up to 1500X	 BS EN 60068-2-17:1985 BS 2011:Q:1981(1990) Tests Qa, Qc, Qd, Qf IEC 68-2-17:1978 MIL-STD 202G:2002 MIL-STD 202F:1980 Method 112E MIL-STD 1344A:1977 Method 1008 MIL-C 38999J 4.7.5 BS EN 60068-2-20:2008 BS 2011:T:1989 IEC 68-2-20:1979 MIL-STD 202G:2002 Methods 208H, 210F MIL-STD 202F:1980 Methods 208F, 210B MIL-STD 883G:2006 & 883:2002 Method 2003.8 MIL-STD 883D:1991 Method 2003.7 BS EN 60068-2-21:2006 BS 2011:U:1984 IEC 68-2-21:1983 MIL-STD 202G:2002 MIL-STD 202F:1980 Method 211A MIL-STD 1344A:1977 Methods 2002.1, 2006.2, 2007.1, 2010.1, 2014 MIL-C 38999J 4.7.2, 4.7.11, 4.7.19, 4.7.31, 4.7.37, 4.7.38 MIL-G 45204B:1969 Documented In-House Procedure TP 009:Issue 1:1994

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
GENERAL NON-EXPLOSIVE MATERIALS AND EQUIPMENT including: (cont'd) As listed on Pages 1 and 2	ENVIRONMENTAL TESTS (non-explosive items) (cont'd) **MISCELLANEOUS** (cont'd)	
	CONTACT RESISTANCE/ CONDUCTIVITY Min 1μΩ	BS 5772:Part 2:1979 Tests 2a, 2b, 2f MIL-STD 202G:2002 MIL-STD 202F:1980 Methods 303, 307 MIL-STD 1344A:1977 Methods 3004.1, 3007 MIL-C 38999J 4.7.13, 4.7.24
	INSULATION RESISTANCE Max voltage: 1 kV dc Max resistance: 1 TΩ	BS 5772:Part 2:1979 Test 3a MIL-STD 202G:2002 MIL-STD 202F:1980 Method 302 MIL-STD 1344A:1977 Method 3003.1 MIL-C 38999J 4.7.9
	VOLTAGE PROOF Max voltage: 5 kV dc or ac 50 Hz	BS 5772:Part 2:1979 Test 4a MIL-STD 202G:2002 MIL-STD 202F:1980 Method 301 MIL-STD 1344A:1977 Method 3001.1 MIL-C 38999J 4.7.10
	FUNCTIONAL TESTS/ANCILLARY MEASUREMENTS	Documented In-House Procedures (as agreed with client)
	DC VOLTAGE 10 μV to 12 kV	MP 001:Issue 1:1997
	AC VOLTAGE 10 μV to 6 kV	MP 002:Issue 1:1997
	DC CURRENT 10 μA to 2 kA	MP 003:Issue 1:1997
	AC CURRENT 10 μA to 2 kA	MP 004:Issue 1:1997

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
GENERAL NON-EXPLOSIVE MATERIALS AND EQUIPMENT including: (cont'd)	ENVIRONMENTAL TESTS (non-explosive items) (cont'd)	
As listed on Pages 1 and 2	**FUNCTIONAL TESTS/ANCILLARY MEASUREMENTS** (cont'd)	
	DC RESISTANCE 1 μΩ to 1 TΩ	MP 005:Issue 1:1997
	CAPACITANCE 10 pF to 100 mF	MP 006:Issue 1:1997
	INDUCTANCE 1 μH to 100 H	MP 007:Issue 1:1997
	FREQUENCY 1 Hz to 1.3 GHz	MP 008:Issue 1:1997
	LINEAR 1 μm to 200 mm	MP 014:Issue 1:1997
	MASS 10 mg to 120 kg	MP 015:Issue 1:1997
	FORCE 0.05 N to 12 kN (tensile) 0.05 N to 1.2 kN (compression)	MP 016:Issue 1:1997
	RUBBER HARDNESS 30 IRHD to 100 IRHD	MP 019:Issue 2:2007
	END	