Schedule of Accreditation

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United Kingdom Accreditation Service

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Accredited to ISO/IEC 17025:2017

Chemring Countermeasures Ltd

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Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Hazardous items including but not limited to: Ammunition Explosives and Propellants Firearms Fuses: Weapons Missile Components Missiles: Guided Missiles: Unguided Rocket Motors Weapons and Sub-assemblies Aerospace Components and Equipment **Non-hazardous items including but not limited to:** Aerospace Structures Castings Compressors Computers, Peripherals and other IT Equipment Electrical/Electronic Components Connectors and Products Hydraulic Equipment Radar Equipment Sonar Equipment Telecommunications Equipment	**ENVIRONMENTAL TESTS** Environmental Testing, including dangerous substances under sub-divisions of Explosives Class 1 of the UN Dangerous Goods Classification System **Climatic Testing:** Concessions for small quantities of HD 1.1 and HD 1.2 by application 50 kg HD 1.3 100 kg HD 1.4 **Dynamic Testing:** Concessions for small quantities of HD 1.1 by application 15 kg HD 1.2 50 kg HD 1.3 100 kg HD 1.4	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
As listed on Page 1	**CLIMATIC** **High Temperature (Constant and Cyclic)** Max. temperature: 110°C Max Chamber Size: 2.1 m x 2.9 m x 2.3 m high	BS EN IEC 60068-2-2:2025 BS EN 60068-2-2:2007 IEC 60068-2-2:2007 DEF STAN 00-35 Part 3: Iss 3, Test CL1 and CL2 (A1, A2, A3) Iss 4, Test CL1 and CL2 (A1, A2, A3) DEF STAN 00-035 Part 3: Iss 5, Test CL2 (A1, A2, A3) DEF STAN 00-035 Part 3: Iss 6, Test CL2 (A1, A2, A3) DEF STAN 00-035 Part 3: Iss 7, Test CL2 (A1, A2, A3) DEF STAN 07-55: 1975: Test B1, B2 MIL-STD 331B: 1994: Test C6 MIL-STD 810: D Method 501 E Method 501 F Method 501 G Method 501 H Method 501 STANAG 2895, 1990: A1, A2, A3 (Transit and storage conditions)

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
As listed on Page 1	**CLIMATIC** (cont'd) **Low Temperature Constant and Cyclic** Min Temp: -60°C Max Chamber Size: 2.1 m x 2.9 m x 2.3 m high Min Temp: -65°C Max Chamber Size: 1 m x 2 m x 1 m high	BS EN IEC 60068-2-1:2025 BS EN 60068-2-1:2007 IEC 60068-2-1:2007 DEF STAN 00-35 Part 3: Iss 3, CL4 (Test ab) Iss 4, CL4 (Test ab) Iss 3, CL5 (C0, C1, C2, C4, M3) Iss 4, CL5 (C0, C1, C2, C4, M3) DEF STAN 00-035 Part 3: Iss 5, CL5 (C0, C1, C2, C4, M3) DEF STAN 00-035 Part 3: Iss 6, CL5 (C0, C1, C2, C4, M3) DEF STAN 00-035 Part 3: Iss 7, CL5 (C0, C1, C2, C4, M3) DEF STAN 07-55:1975 Test B4, B5 STANAG 2895, 1990: C0, C1, C2, C4, M3 MIL-STD 331B:1994, Test C6 MIL-STD 810: D Method 502 E Method 502 F Method 502 G Method 502 H Method 502

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
As listed on Page 1	**CLIMATIC** (cont'd) **High Temperature/High Humidity Constant** Temp Range: 20°C to +71°C Max Chamber Size: 2 m x 1 m x 1 m high Humidity Range: 15% rh to 95% rh Temp Range: 20°C to +71°C Max Chamber Size: 2.1 m x 2.5 m x 2 m high Humidity Range: 15% rh to 80% rh	BS 2011:Ca:1977(1987)superseded IEC 68-2-3:1969 superseded BS EN 60068-2-78:Cab:2002 IEC 60068-2-78:Cab:2001 BS EN 60068-2-78:2012 BS EN IEC 60068-2-78:2025 DEF STAN 00-35 Part 3: Iss 3: CL7 Iss 4: CL6 (CL7) DEF STAN 00-035 Part 3: Iss 5 , 6 & 7: CL6 DEF STAN 07-55:1975: Test B7
	High Temperature/High Humidity Cyclic Temp Range: 20°C to +71°C Max Chamber Size: 2 m x 1 m x 1 m high Humidity Range: 15% rh to 95% rh Temp Range: 20°C to +71°C Max Chamber Size: 2.1 m x 2.9 m x 2.3 m high Humidity Range: 15% rh to 80% rh	BS 2011:Db:1977(1987) & 2005 IEC 60068-2-30:2005 BS EN IEC 60068-2-30:2025 BS3G100:Part 2:Section 3: Sub-Section 3.7:1972(1983) DEF STAN 00-35 Part 3: Iss 3: Test CL6 B1, B2, B3 Iss 4: Test CL6 B1, B2, B3 DEF STAN 00-035 Part 3: Iss 5: Test CL6 B1, B2, B3 DEF STAN 00-035 Part 3: Iss 6 & 7: Test CL6 B1, B2, B3 DEF STAN 07-55:1975: Test B6, B8 MIL-STD 331B:1994: Test C1 MIL-STD 810 D Method 507 E Method 507 F Method 507 G Method 507 H Method 507 STANAG 2895:1990: B1, B2, B3

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
As listed on Page 1	**CLIMATIC** (cont'd) **Thermal Shock** Manual Transfer Max Temp: +110°C Min Temp: -60°C Automatic transfer Max Temp: +110°C Min Temp: -65°C	 BS3G100:Part 2:Section 3: Sub-Section 3.15:1978(1983) DEF STAN 00-35 Part 3: Iss 3: Test CL14 Iss 4: Test CL14 DEF STAN 00-035 Part3: Iss 5: Test CL14 DEF STAN 00-035 Part3: Iss 6 & 7: Test CL14 DEF STAN 07-55:1975: Test B14 MIL STD 810: D Method 503 E Method 503 F Method 503 G Method 503 H Method 503
	DECOMPRESSION Min Pressure: 50 mbar Max Chamber Size: 435 mm dia x 570 mm	BS 2011:M:1984 BS EN 60068-2-13:2021 BS EN 60068-2-13:M:1999 IEC 60068-2-13:M:1983 BS3G100:Part 2:Section 3: Sub-Section 3.2:1970(1983) DEF STAN 00-35 Part 3: Iss 3: Test CL9 Sev D & F(4) Iss 4: Test CL9 Sev D & F(4) DEF STAN 00-35 Part 3: Iss 3: Test CL20 Iss 4: Test CL20 DEF STAN 00-035 Part 3: Iss5: Test CL9, Test CL11 DEF STAN 00-035 Part 3: Iss 6 & 7: Test CL9, Test CL11 MIL-STD 810: D Method 509 E Method 509 F Method 509 G Method 509 H Method 509

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
As listed on Page 1	**CLIMATIC** (cont'd) **CORROSION SALT** Temp Range: ambient to +40°C Humidity range: 93%rh Chamber Size: 1.6 m x 0.5 m x 0.7 m	BS 2011:Ka and Kb BS EN 60068-2-52:Kb:1996 BS EN 60068-2-11:Ka:1999 BS EN 60068-2-11:Ka:2021 BS3G100:Part 2:Sub-Section 3.8: 1977(1983) DEF STAN 00-35 Part 3: Iss 3: Test CN2 Iss 4: Test CN2 DEF STAN 00-035 Part 3: Iss 5: Test CN2 DEF STAN 00-035 Part 3: Iss 6 & 7: Test CN2 DEF STAN 07-55:1982, Test C2 MIL-STAN 331B:1994, Test C3 MIL-STAN 810: D Method 509 E Method 509 F Method 509 G Method 509 H Method 509
	WATER SEALING Max depth 1 m for items up to 0.5 m x 0.5 m high	DEF STAN 00-35 Part 3: Iss 3: Test CL29 Iss 4: Test CL29 DEF STAN 00-035 Part 3: Iss 5, 6 & 7: Test CL29 DEF STAN 07-55:1975, Test D5 MIL-STD 810: D Method 512 E Method 512 F Method 512 G Method 512 H Method 512

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
As listed on Page 1	**DYNAMIC** **Vibration: Modes of** Sinusoidal Random Narrowband Random on Random Sine on Random Classic Shock Pulse: (Severity and mass dependant) Half-Sine Sawtooth Bump **Electromagnetic Shaker Capabilities** Total of 3 systems **Maximum Values:** Thrust 60kN - Sine 66kN - Random Frequency Range: 2-2500 Hz Max Payload 700 kg Max Displacement: 63.5mm pk-pk Temperature Conditioning: Vertical: -65°C to +106°C Horizontal - slip table: -46°C +71°C Slip table size: 1.2m x 1.2m Chamber Size: 1.4 m x 1.4 m x 1.9 m high	BS 2011:Fc:1983 superseded BS 2011:Fd:1973(1984)superseded BS3G100:Part 2:Section 3: Sub-Section 3.1:1969(1983) BS EN 60068-2-6:Fc:2008 BS EN 60068-2-64:1995 BS EN 60068-2-64:2008+A1 2019 BS EN 60068-2-7:Ga:1987 BS EN 60068-2-29:Eb:1987 & 1993 DEF STAN 00-35 Part 3: Iss 3: Test M1, M2, M3 Iss 4: Test M1, M2, M3 DEF STAN 00-035 Part 3: Iss 5: Test M1, M2, M3 DEF STAN 00-035 Part 3: Iss 6 & 7: Test M1, M2, M3 DEF STAN 07-55:1975: Test A1, A2, A3, A5 MIL-STD 331B:1994 Tests B1, B2 MIL-STD 810: D Method 514, 516 E Method 514, 516 F Method 514, 516 G Method 514 H Method 514 STANAG 4242:1977
	SHOCK (Free/accelerated fall) Modes of Half sine Max Severity: 250 kg Pulse Width: 0.2 to 60 ms (g dependant) Max Item Mass: 35 kg Table Size: 0.23 m x 0.23 m Temperature Pre-Conditioning: -65°C to 110°C	BS EN 60068-2-7:1987 DEF STAN 00-35 Part 3: Iss 3: Test M3 Iss 4: Test M3 DEF STAN 00-035 Part 3: Iss 5: Test M3 DEF STAN 00-035 Part 3: Iss 6 & 7: Test M3 DEF STAN 07-55:1975: Test A3 MIL-STD 810: D Method 516 E Method 516 F Method 516 G Method 516 H Method 516

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
As listed on Page 1	**DYNAMIC** (cont'd) **FREE FALL** Impact Surface: Steel plate Max Drop Height: 7 m Max Size of Plate: 2 m x 1.5 m Max Item Mass: 35 kg Temperature Pre-Conditioning: -65°C to 110°C	DEF STAN 00-35 Part 3: Iss 3: Test M5 Iss 4: Test M5 DEF STAN 00-035 Part 3: Iss 5: Test M5 DEF STAN 00-035 Part 3: Iss 6 & 7: Test M5 DEF STAN 07-55:1975: Test A9
END		