

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 0503 Accredited to ISO/IEC 17025:2017	BAE Systems Global Combat Systems Munitions Limited	
	Issue No: 035 Issue date: 20 August 2026	
	Environmental Test Facility Bishopton Houston Road Johnstone Renfrewshire PA6 7BG	Contact: Brandon Courcy Tel: +44 (0) 330 048 6018 E-Mail: brandon.courcy2@baesystems.com
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
ADHESIVES AEROSPACE EQUIPMENT AEROSPACE MATERIALS AEROSPACE STRUCTURES AMMUNITION CELLS AND BATTERIES CIRCUIT BREAKERS AND SWITCHES COATINGS: METALLIC COATINGS: NON-METALLIC COMPOSITE MATERIALS COMPUTERS AND PERIPHERALS CONSTRUCTION MATERIALS CONSTRUCTION PRODUCTS DOMESTIC APPLIANCES: ELECTRICAL DOMESTIC APPLIANCES: NON-ELECTRICAL ELECTRICAL/ELECTRONIC COMPONENTS ELECTRICAL/ELECTRONIC CONNECTORS ELECTRICAL/ELECTRONIC PRODUCTS	<u>Environmental Tests - Dynamic</u> Vibration - Sinusoidal High/Low Temperature Constant/Cycling Frequency Range: 5 - 2500 Hz Temp Range: -55 °C to +90 °C Peak Thrust: 250 kN Max Mass: 3.5 tonnes Max acceleration: 100g Explosive limit: 600 kg of HD 1.1 Max size: 3 m x 1.4 m x 2.2 m (limited by headroom over vibrator 2.2 m and chamber)	DEF STAN 00-035: Part 3 Issues 5, 6 & 7, Test M1 and M19 DEF STAN 00-35:2006 Part 3, Issue 4, Test M1 and M19 BS EN 60068-2-6:2008 Part 2-6, Test Fc MIL-STAN 810H:2019 Method 514.8 and 525.2 MIL-STAN 810G:2010 Method 514.8 and 525.2 NATO AECTP-400:2019 Edition D, Ver 1, Method 401 UN ST/SG/AC.10/11 Sixth Edition, section 38.3 Test T3 Vibration UN E/ECE/324 Revision 2 2013 Test Annex 8A Vibration
ELECTRICAL CABLES ELECTROMECHANICAL DEVICES ENGINE COMPONENTS EXPLOSIVES AND PROPELLANTS FANS FIREARMS FIRE PREVENTION AND DETECTION EQUIPMENT FORGINGS	Vibration - Random, Sine/Random on Random High/Low Temperature Constant/Cycling Frequency Range: 5 - 2500 Hz Temp Range: -55°C to +90°C Peak Thrust: 250 kN RMS Max Mass: 3.5 tonnes	DEF STAN 00-035: Part 3 Issues 5, 6 & 7 Tests M2, M19 DEF STAN 00-35:2006 Part 3, Issue 4, Tests M2, M19 BS EN 60068-2-64:2008+A1:2019 Part 2-64, Test Fh



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Continued from Page 1 FUZES: WEAPONS GENERATORS: POWER GENERATORS: WELDING HYDRAULIC EQUIPMENT AND FITTINGS INSTRUMENTS: INDICATING/ RECORDING LAMINATES AND FIBRE COMPOSITES LAMPS: ELECTRICAL LUMINAIRES MARINE EQUIPMENT MECHANICAL PRODUCTS AND PLANT MICRO-ELECTRONIC CIRCUIT AND COMPONENTS MINING EQUIPMENT MISSILES: GUIDED MISSILES: UNGUIDED MOTOR VEHICLE ACCESSORIES AND COMPONENTS MOTORS AND GENERATORS: ELECTRICAL OFFICE EQUIPMENT: ELECTRICAL OFFICE EQUIPMENT: MECHANICAL OPTICAL AND PHOTOMETRIC EQUIPMENT PACKAGES AND PACKAGING MATERIAL PLUGS AND SOCKETS: ELECTRICAL POWER SUPPLIES PRINTED CIRCUIT BOARDS PUMPS STRUCTURES SWITCHBOARDS: ELECTRICAL TELECOMMUNICATION EQUIPMENT	Max acceleration: 100g Explosive limit: 600 kg of HD 1.1 Max size: 3 m x 1.4 m x 2.2 m (limited by headroom over vibrator, 2.2 m and chamber)	MIL-STAN 810H:2019 Method 514.8 and 525.2 MIL-STAN 810G:2010 Method 514.8 and 525.2 NATO AECTP-400:2019 Edition D, Ver 1, Method 401
	Shock/Bump High/Low Temperature Max displacement: 80 mm (p/p) Max velocity: 2 m/s Max accel: 250 g Max duration: 100 ms Peak thrust: 250 Kn Temp range: -55 °C to +90 °C Max mass: 3.5 tonnes Explosive limit: 600 kg of HD 1.1 Max size: 3 m x 1.4 m x 2.2 m (limited by headroom over vibrator, 2.2 m and chamber)	DEF STAN 00-035 : Part 3 Issues 5, 6 & 7 Test M3 DEF STAN 00-35:2006 Part 3, Issue 4, Tests M3, M6, M7 and M12 BS EN 60068-2-27:2009 Part 2-27, Test Ea MIL-STAN 810H:2019 Method 516.8 MIL-STAN 810G:2010 Method 516.8 NATO AECTP-400:2019 Edition D, Ver 1, Method 403 UN ST/SG/AC.10/11 Sixth Edition, section 38.3 Test T4 Shock UN E/ECE/324 Revision 2 2013 Test Annex 8C Mechanical Shock
	Drop/Topple/Horizontal Impact/Free Fall High/Low Temperature Temp range: -55 °C to +90 °C Max height: 12.5 m Max mass: 1.9 tonnes Explosive limit: 600 kg of HD 1.1	DEF STAN 00-035 Part 3 Issues 5, 6, & 7 Tests M4 and M5 DEF STAN 00-35:2006 Part 3, Issue 4, Tests M4 and M5 BS EN 60068-2-31:2008 Part 2-31, Tests Ec



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Continued from Page 1 to 2	Dropping Surface: 80 mm steel plate independently mounted seismic mass of 25 tonnes	MIL-STAN 810H:2019 Method 516.8 MIL-STAN 810G:2010 Method 516.8 NATO AECTP-400:2019 Edition D, Ver 1, Method 403 NATO STANAG 4375:2010 Edition 3, Procedure 1, 2 and 3
	Bounce Max mass: 2000 kg Explosive limit: 600 kg of HD 1.1	DEF STAN 00-035: Part 3 Issues 5, 6 & 7 Tests M11 DEF STAN 00-35:2006 Part 3, Issue 4, Test M11 NATO AECTP-400:2019 Edition D, Ver 1 Method 406
	Constant Acceleration Max Acceleration: 75 g Max mass: 75 kg Explosive limit: 600 kg of HD 1.1	DEF STAN 00-035: Part 3 Issues 5, 6 & 7 Test M13 DEF STAN 00-35:2006 Part 3, Issue 4, Test M13 MIL-STAN 810H:2019 Method 513.8 MIL-STAN 810G:2010 Method 513.8



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Continued from Page 1 to 2	<u>Environmental Tests - Climatic</u> High/Low Temperature High/Low Humidity Constant/Cyclic Thermal Shock and Rapid rate of change Temp Range: -55 °C to +90°C Relative Humidity: 14 to 95%rh (depending on temperature) Max mass: 5000 kg Explosive limit: 5000 kg of HD 1.1	DEF STAN 00-035: Part 3 Issues 5, 6 & 7 Tests CL2, CL5, CL6, CL14 DEF STAN 00-35:2006 Part 3, Issue 4, Tests CL2, CL5, CL6, CL14 BS EN 60068-2-1:2007 Part 2-1, Test A BS EN 60068-2-1:2007 Part 2-1, Test B BS EN 60068-2-78:2013 Part 2-1, Test Cab BS EN 60068-2-30:2005 Part 2-30, Test Db MIL-STAN 810H:2019 Methods 501.7, 502.7, 507.6 MIL-STAN 810G:2010 Methods 501.7, 502.7, 507.6 NATO AECTP-300:2019 Edition D, Ver 1 Methods 302, 303, 306 UN ST/SG/AC.10/11 Sixth Edition, section 38.3 Test T2 Thermal UN E/ECE/324 Revision 2 2013 Test Annex 8B Thermal Shock and cycling



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Continued from Page 1 to 2	<u>Environmental Tests – Climatic (Cont)</u> Pressure - Altitude Max temperature: +90 °C Min temperature: -55 °C Min pressure (abs): 40 mbar Max pressure (abs): 3000 mbar	
	Rapid decompression	DEF STAN 00-035: Part 3 Issues 5, 6 & 7 Test CL9 DEF STAN 00-35:2006 Part 3, Issue 4, Test CL9
	High temperature - low pressure	DEF STAN 00-035: Part 3 Issues 5, 6 & 7 Test CL11 DEF STAN 00-35:2006 Part 3, Issue 4, Test CL11 MIL-STAN 810H:2019 Method 500.6 MIL-STAN 810G:2010 Method 500.6 NATO AECTP-300:2019 Edition D, Ver 1, Method 301
	Low temperature - low pressure	DEF STAN 00-035: Part 3 Issues 5, 6 & 7 Test CL11 DEF STAN 00-35:2006 Part 3, Issue 4, Test CL12 MIL-STAN 810H:2019 Method 500.6 MIL-STAN 810G:2010 Method 500.6 NATO AECTP-300:2019 Edition D, Ver 1, Method 301



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	Air pressure – above standard atmospheric	DEF STAN 00-035: Part 3 Issues 5, 6 & 7 Test CL11 DEF STAN 00-35:2006 Part 3, Issue 4, Test CL15
	Rapid change of pressure	DEF STAN 00-035: Part 3 Issues 5, 6 & 7 Test CL11 DEF STAN 00-35:2006 Part 3, Issue 4, Test CL20
	Low air pressure and Air transportation	DEF STAN 00-035: Part 3 Issues 5, 6 & 7 Test CL11 DEF STAN 00-35:2006 Part 3, Issue 4, Test CL21 MIL-STAN 810H:2019 Method 500.6 MIL-STAN 810G:2010 Method 500.6 NATO AECTP-300:2019 Edition D, Ver 1, Method 301



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Continued from Page 1 to 2	<u>Environmental Tests – Climatic (Cont)</u> Low air pressure and Air transportation (cont)	UN ST/SG/AC.10/11 Sixth Edition, section 38.3 Test T1 Altitude
	Immersion 1.4m Tank heated at +30°C Driving Rain	DEF STAN 00-035: Part 3 Issues 5, 6 & 7 Test CL29 DEF STAN 00-035: 2017 Part 3 Issue 5 Test CL27
END		