


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS TESTING 6508</p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>1g Dynamics Limited</h3> <p>Issue No: 001 Issue date: 11 February 2020</p>	
	<p>1G Dynamics Limited 5 Dunsbridge Shepreth Melbourn Royston SG8 6RA</p>	<p>Contact: Colin Gates Tel: +44 (0)1763 262112 E-Mail: sales@1g-dynamics.com Website: www.1g-dynamics.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
AEROSPACE COMPONENTS AND EQUIPMENT	ENVIRONMENTAL TESTS (non-explosive items)	
COMPUTERS AND PERIPHERALS	CLIMATIC - Single Parameters	
ELECTRICAL/ELECTRONIC PRODUCTS AND COMPONENTS	HIGH TEMPERATURE Steady state & cyclic Max temp: +180 °C Max chamber size: 1.3 m x 1.3 m x 1.0 m	BS EN 60068-2-2: 2007 B MIL STD 810G, Method 501.5
ELECTRO-MECHANICAL DEVICES		
MARINE EQUIPMENT	LOW TEMPERATURE Min temp: -70 °C Max chamber size: 1.3 m x 1.3 m x 1.0 m	BS EN 60068-2-1: 2007 A MIL STD 810G, Method 502.5
AUTOMOTIVE EQUIPMENT	HIGH HUMIDITY - Steady State and cyclic Temp range: 25 °C to 70 °C Humidity range: 10 %rh to 95 %rh Max chamber size: 1.3 m x 1.3 m x 1.0 m	BS EN 60068-2-30:2005 MIL STD 810G, Method 507.5 BS EN 60068-2-78:2001Cab



Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

1g Dynamics Limited

Issue No: 001 Issue date: 11 February 2020

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>DYNAMIC Single/Combined Parameters</p> <p>VIBRATION - Sinusoidal at ambient conditions Freq range: 2 to 3000 Hz Peak thrust: 53.4 kN Max pk/pk displacement: 38 mm Max load: 700 kg</p> <p>Peak thrust: 16 kN Max pk/pk displacement: 51 mm Max load: 300 kg</p> <p>VIBRATION - Random at ambient conditions Freq range: 2 to 3000 Hz Peak thrust: 55.6 kN Max pk/pk displacement: 38 mm Max load: 700 kg</p> <p>Peak thrust: 16 kN Max pk/pk displacement: 51 mm Max load: 300 kg</p> <p>SHOCK Half sine Max severity: 1000 ms⁻² Duration: 30 ms (severity dependent)</p> <p>Terminal peak sawtooth Max severity: 1000 ms⁻² Duration: 18 ms (severity dependent)</p> <p>Trapezoidal Max severity: 150 ms⁻² Duration: 11 ms (severity dependent)</p>	<p>BS EN 60068-2-6:2008 Fc MIL STD 810G, Method 514.6</p> <p>BS EN 60068-2-64:2008 Fh MIL STD 810G, Method 514.6</p> <p>BS EN 60068-2-27:2009 Ea MIL STD 810G, Method 516.6</p>
END		