


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

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|--|--|---|
|  <p><b>UKAS</b><br/>TESTING</p> <p><b>10794</b></p> <p>Accredited to<br/>ISO/IEC 17025:2017</p> | <p><b>Wallis Laboratory Services</b><br/><b>a division of A.N. Wallis &amp; Co Limited</b></p> <p>Issue No: 011      Issue date: 16 March 2026</p> |   |
|  | <p>Unit 1 - 2 Old Station Yard<br/>South Brent<br/>Devon<br/>TQ10 9AL</p>  | <p>Contact: David Flower<br/>Tel: +44 (0)1364 649248<br/>E-Mail: labservices@an-wallis.com<br/>Website: www.an-wallis.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   |
|--|---|--|
| <p>Earthing rods</p><br><br><br><br><br><p>Surge Protection Device (SPDs):<br/>Class I (various designs); Metal oxide varistor discs</p> | Coating thickness test  | BS EN IEC 62561-2:2018.<br>Clauses 5.2.2.1 and 5.2.2.2   |
|  | Resistivity test  | BS EN IEC 62561-2:2018.<br>Clauses 5.2.5.1 and 5.2.5.2<br><br><i>NOTE: Resistance and resistivity may be measured on similar samples but with varying lengths up to 1.2 m and with a maximum resistance of 1 Ω</i> |
|  | Test to Verify Long Term Stability Under Continuous Operating Voltage   | Internal method based on Clause 8.4 of BS EN 60099-4:2014, <i>Metal-Oxide Surge Arresters without Gaps for AC Systems</i>  |
|  | Class I Operating Duty test   | Internal method based on BS EN 61643-11:2012+A11:2018 Clause 8.3.4.3   |
|  | Class I Additional Duty test  | Internal method based on BS EN 61643-11:2012+A11:2018 Clause 8.3.3.4   |
|  | High current test (4/10 μs)   | Internal method based on Clause 8.7 of BS EN 60099-4:2014, <i>Metal-Oxide Surge Arresters without Gaps for AC Systems</i>  |
| Charge Transfer (Rectangular Wave)   | Internal method based on Clause 8.5 of BS EN 60099-4:2014, <i>Metal-Oxide Surge Arresters without Gaps for AC Systems</i> |  |



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**Issue No: 011 Issue date: 16 March 2026**

Testing performed at main address only

| Materials/Products tested   | Type of test/Properties measured/Range of measurement   | Standard specifications/ Equipment/Techniques used  |
|---|---|---|
| Surge Protection Device (SPDs):<br>Class I (various designs); Metal oxide varistor discs (cont'd) | Reference voltage measurement.<br><i>100 V to 3.3 kV</i><br><i>1 mA to 10 mA</i>                        | By application of known DC currents and measurement of the resulting voltages   |
|   | Energy withstand test<br><i>Peak current 1000 A</i>   | Applied rectangular pulses over the range 2 ms to 3 ms  |
|   | Salt Mist – Cyclic<br>Test Chamber Size 150 litres<br>Max Temperature: + 40 °C<br>Max Humidity: 98 % rh | BS EN IEC 62561-2:2018<br>clauses 5.2.4 and Annex A.2<br>(Methods 1 and 2 Only)<br>BS EN IEC 60068-2-52:2018  |
|   | Salt Mist<br>Test Chamber Size 150 litres   | BS EN IEC 60068-2-11:2021<br>ISO 9227:2017(Withdrawn)   |
| Components used in Lightning  | Contact resistance: Measurement of resistance across contact clamps.                                    | BS EN 62561-1:2017 clause 6.4.a   |
| Protection Systems  | Loosening torque test, to 20 Nm   | BS EN 62561-1:2017 clause 6.4.c   |
|   | Humid Sulphurous Atmosphere   | BS EN ISO 6988:1995(Withdrawn)<br>BS EN ISO 22479:2022  |
|   | Resistance To Mechanical Effects  | BS EN 62561-4:2023<br>Clause 6.4.1 Lateral Load Test<br>Clause 6.4.2 Axial Load Test  |
|   | Earth Electrode Seal Test   | Metallic and Composite (Copper Alloy with copper content >80%) only<br><br>BS EN 62561-5:2017<br>Clause 6.3.1 Earth Electrode in Watertight Housing |
| Lightning protection system components (LPSC) - Earth Electrode Inspection Housings               | Load Test<br>Light, Medium and Heavy Duty   | BS EN 62561-5:2017 clause 6.2.2 (Superseded)<br>BS EN 62561-5:2024 clause 6.2.2   |
| Earthing Enhancing Compounds  | Determination of Resistivity  | BS EN IEC 62561-7:2018 clause 5.4   |
| Connection Components   | Static Mechanical Test  | BS EN 62561-1:2017 clause 6.5.2   |
| END   |   |   |