


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS TESTING</p> <p>8578</p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>Eland Cables Limited</h3> <p>Issue No: 009 Issue date: 10 September 2021</p>	
	<p>Eland Road Denaby Lane Industrial Estate Denaby Main Doncaster DN12 4HA</p>	<p>Contact: Ivan Cleere Tel: +44 (0) 1709 856001 Fax: +44 (0) 1709 856005 E-Mail: qa@elandcables.com Website: www.elandcables.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>Electric cables: Low, Medium & High Voltage Armoured Cable Control Flexible Cable Rail: Signalling , Telecom & Power Rail: Overhead Line Power & General Wiring Cable Medium Voltage Cable Bus Cable High Voltage Cable Fire Performance Cable Marine & Offshore Cable Instrumentation Cable Aluminium Conductors Copper Conductors Fixed Wiring Cable Coaxial Cable Telephone Cable High Temperature Cable Mining, Drilling & Tunnelling Cable Tri-Rated Cable Rubber Flexible Cable Solar Cable Defence Cable LAN Cable Welding Cable</p>	<p>Measurement of insulation thickness Electric and optical fibre cables-Test methods for non-metallic material.</p>	<p>BS EN 60811-201:2012 +A1:2017 IEC 60811-201:2012 +AMD1:2017</p>
	<p>Measurement of sheath thickness Electric and optical fibre cables-Test methods for non-metallic material.</p>	<p>BS EN 60811-202:2012 +A1:2017 IEC 60811-202:2012 +AMD1:2017</p>
	<p>Measurement of Overall Dimensions Electric and optical fibre cables-Test methods for non-metallic material.</p>	<p>BS EN 60811-203:2012 IEC 60811-203:2012</p>
	<p>Conductor Resistance Conductors of insulated cables.</p>	<p>BS EN 60228:2005 IEC 60228:2005</p>
	<p>RoHS: Determination of certain substances in electro-technical products Screening- Lead, Mercury, Cadmium, Total Chromium and Total Bromine by X-ray Fluorescence Spectrometry</p>	<p>Documented In-house method by X-Ray Fluorescence, No. PI35, Conducting RoHS Screening to BS EN 62321-1, IEC 62321-1 in compliance with RoHS Directive 2011/65/EU</p>
	<p>Tensile and Elongation Tests for determining the mechanical properties of insulating and sheathing compounds.</p>	<p>BS EN 60811-501:2012 +A1:2018 IEC 60811-501:2012 +AMD1:2018</p>
<p>Shrinkage Test for Insulations Electric and optical fibre cables-Test methods for non-metallic material.</p>	<p>BS EN 60811-502:2012 IEC 60811-502:2012</p>	



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Electric cables: Low, Medium & High Voltage (cont'd) See Page 1	Hot Set Test for Cross-Linked Materials Electric and optical fibre cables-Test methods for non-metallic material.	BS EN 60811-507:2012 IEC 60811-507:2012
	Pressure Test at High Temperatures for Insulations and Sheaths Electric and optical fibre cables-Test methods for non-metallic material.	BS EN 60811-508:2012 +A1:2017 IEC 60811-508:2012 +AMD1:2017
	Test for resistance of Insulations and Sheaths to Cracking (Heat Shock) Electric and optical fibre cables-Test methods for non-metallic material.	BS EN 60811-509:2012 +A1:2017 IEC 60811-509:2012 +AMD1:2017
	Insulation Resistance Electrical Test Methods for Low Voltage Energy Cables-	BS EN 50395:2005 +A1:2011
	Vertical Flame Propagation for a Single Insulated Wire or Cable	BS EN 60332-1-2:2004+A11:2016 IEC 60332-1-2:2004+AMD1:2015
	Two Pulley Flex Test	BS EN 50396:2005+A1:2011 & IEC 60227-1:2007 BS EN 50525-1:2011 Anne A: A.1
	Cold Elongation Test	BS EN 60811-505:2012 IEC 60811-505:2012
	Cold Impact Test	BS EN 60811-506:2012 IEC 60811-506:2012
	Cold Bend Test	BS EN 60811-504:2012 IEC 60811-504:2012
	Thermal Ageing	BS EN 60811-401:2012 +A1:2017 IEC 60811-401:2012 +AMD1:2017
	Snatch Test	IEC 60227-1:2007 & IEC 60227-2:1997+AMD1:2003
	Shore A Hardness	ASTM D2240 & ISO868
Cord Bend Test	IEC 60227-1:2007 & IEC 60227-2:1997+AMD1:2003	



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Electric cables: Low, Medium & High Voltage (cont'd) See Page 1	Wear resistance test Static Flexibility Testing Test for resistance to heat of textile braids Mineral oil immersion test for sheath Ozone resistance test on cross-linked compounds UV Accelerated Weathering VLF (Very Low Frequency) Testing	IEC 60245-2 :1994 + A1:1997 + A2 :1997 Clause 3.3 BS EN 50396:2005+A1:2011 Clause 6.6 BS EN 50525-1:2011 Annex A.2 IEC 60245-2 : 1994 + A1:1997 + A2:1997 Clause 3.2 IEC 60227-2 :1997+A1:2003 clause 3.5 BS EN 50396:2005+A1:2011 Clause 6.1 BS EN 50525-2-81:2011 Annex D IEC 60245-2 : 1994 + A1:1997 + A2:1997 Clause 6 BS EN 50396:2005+A1:2011 Clause 7.1 BS EN 60811- 404 : 2012 IEC 60811- 404 : 2012 BS EN 60811- 403 : 2012 IEC 60811- 403 : 2012 BS EN 50289-4-17 (Method B), ISO 4892, ASTM G154 IEE400.2-2013
END		