

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>2294</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p>Interscience Communications Ltd</p> <p>Issue No: 024 Issue date: 21 December 2020</p>	
	<p>Building 63 Haslar Marine Technology Park Haslar Road Gosport Hampshire PO12 2AG</p>	<p>Contact: Mr S Kumar Tel: +44 (0) 208 692 5050 Fax: +44 (0) 208 692 5155 E-Mail: firetesting@intersciencecomms.co.uk Website: www.intersciencecomms.co.uk</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
CABLES	Fire Propagation	BS EN 60332-1.1:2004+A1:2015 BS EN 60332-1.2:2004+ A11:2016 BS EN 60332-1.3:2004+ A1:2015 IEC 60332-1-1:12004+AMD1:2015 IEC 60332-2:2004 IEC 60332-3:2003 BS EN 50399 :2011 BS EN 50265:Part 1:1999 BS EN 50265:Part 2.1:1999 BS EN 50265:Part 2.2:1999 IEC 60332-1, 2, 3 IEC 60332-2-1, 2-2 IEC 60332-3-10:2000+AMD1:2008 BS EN 60332-1-1:2004+A1:2015 BS EN 60332-1-2:2004+A11:2016 BS EN 60332-3-21(2009) BS EN 60332-3-10:2009 BS EN 60332-3-22:2009 BS EN 60332-3-23:2009 BS EN 60332-3-24:2009 BS EN 60332-3-25:2009 BS IEC 60092-101:1994 UL 1581 FT1 IEEE 1202:2006 (2012) IEEE 383:1973 IEEE 383:2003 IEEE 383:2015 UL 1581 Clause 1060 UL 1581 Clause 1164
	Circuit integrity test	IEC 60331-11:1999 (amd 2009) IEC 60331-25:1999



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
CABLES (cont'd)	Smoke Emission	BS EN 50268-1:2000 BS EN 50268-2:2000 IEC 61034-1:2005+AMD1:2013 BS EN 61034-1:2005+A1:2014 IEC 61034-2:2015+AMD1:2013 BS EN 61034-2:2005+A1:2013 Def Stan 61-12(Part 0)/Issue 1/ Para 13.42 Def Stan 61-12(Part 0)/Issue 2/ Para 13.42 Def Stan 61-12(Part 31)/Issue 1/ Para 9.9 Def Stan 61-12(Part 31)/Issue 2/ Para 9.9 BS 6853:1999: Annex D: 8.7 (Withdrawn)
	Toxicity	Def Stan 61-12(Part 0)/Issue 1/ Para 13.43 Def Stan 61-12(Part 0)/Issue 2/ Para 13.43 Def Stan 61-12(Part 31)/ Issue 2:2006 NES 713 (Withdrawn) Def Stan 02-713 (2012)
GENERAL MATERIALS for CONSTRUCTION of RAILWAY PASSENGER STOCK and BUILDING CONSTRUCTION	Analysis of Combustion Gases	BS EN 50267-1:1999 BS EN 50267-2.1:1999 BS EN 50267-2.2:1999 BS EN 50267-2.3:1999 IEC 754-1:1994 (Withdrawn) IEC 754-2:1991 (Withdrawn) IEC 60754-1: Ed. 2 (2011) IEC 60754-2: Ed. 1 (2011)
	Flammability Temperature Index	BS 6853:1987 Appendix A (Withdrawn) ISO 4589-3:2017 ISO 4589: Part 3: Annex A:2017
	Toxicity	BS 6853:1999 Annex B1 (Withdrawn) BS 6853:1999 Annex B2 (Withdrawn) NFX 70-100:Part 1 (2006) NFX 70-100:Part 2 (2006)



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GENERAL MATERIALS for CONSTRUCTION of RAILWAY PASSENGER STOCK and BUILDING CONSTRUCTION (cont'd)	Fire Safety Performance of Materials	London Underground Limited Standard Cat 1, No 2-01001-002:2003 LUL 1-085 issue A2 (Withdrawn) LUL 1-085:A3:2011 LUL S1085:2015 LUL S1-085 A1 LUL 1-180 A7 BR 252 Appendix A BR 568 Appendix A EN 45545-2:2013 DIN 5510:2009:Annex C
	Smoke Emission	BS 6853:1987 Appendix B (Withdrawn) BS 6853:1999 Annex D (Withdrawn) ASTM E 60332-2016 BS 6401:2008 NES 711:Jan 81 (Withdrawn) Def Stan 02-711: Issue 3: 2012 ASTM F814:Revision 84B Dec28 1984 prEN 2824:1991 (Withdrawn) BS EN 2824:2011 prEN 2825:1991 (Withdrawn) BS EN 2825:2011 prEN 2826:1991 (Withdrawn) BS EN 2826:2011 BS EN ISO 5659-2:2012 NFX 10-702-1:2006 NFX 10-702:2006:English Version
GENERAL MATERIALS for TRANSPORT and BUILDING CONSTRUCTION	Toxicity Index	NES 713:1985 (Withdrawn) Def Stan 02-713 Issue 3:2012
	Oxygen Index	NES 714:1982 (Withdrawn) ISO 4589-2:2017
	Flammability Temperature Index	NES 715:1980 (Withdrawn) BS 2782:Part 1:1986 Method 143A and 143B BS EN ISO 4589-3:2017
	Spread of Flame	FMVSS 302:1991 National Standard of the People's Republic of China GB8410:2006



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BUILDING MATERIALS and STRUCTURES	Reaction to Fire	BS ISO 5660-1:2015 ASTM E 1354:2016
	Heat release	ISO 5660-1:2015 (Withdrawn) ISO 5660-2:2002 (Withdrawn) ASTM D7309-13
	Spread of Flame	BS ISO 5658-2:2006+A1:2011
	Smoke test	ISO 5659-2:2017 ASTM E1321-2009
	Single flame source test	BS EN ISO 11925-2:2010
	Fire Classification of construction products and building elements	BS EN 13501-6:2014 BS EN 13501-1:2007+A1:2009 Class E (only)
GENERAL MATERIALS AIRCRAFT INTERIORS	Smoke Density	ABD 0031:1996 (2005) prEN 3475-601:2006 BS EN 3475-601 (2007) BMS 13-69A BSS 7238:1997 Airbus Industries Test Method (AITM) 2.0008:1993 Airbus Industries Test Method (AITM) 2.0007:1993 Airbus Industries Test Method (AITM) 3.0005
	Toxicity	ABD 0031:1996 BS EN 3475-602:2007 BMS 13-69A BSS 7239:1998 BS G198:Part 5 (1997) Annex B, C BS 4G 198-3 (1999) Annex B, C
	Flammability	FAR 25.853:Part 25 Appendix F (a)(1)(iv) Airbus Industries Test Method (AITM) 2.0002:1993 Airbus Industries Test Method (AITM) 2.0038:1996 Airbus Industries Test Method (AITM) 2.0005:1993 CS 25:2005



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CABLES and GENERAL PLASTIC MATERIALS	Oxygen Index	BS 2782:Part 1:Method 141:1986 (Withdrawn) ASTM D2863-2013 (Withdrawn) NES 714:1982 ISO 4589-2:2017 BS EN ISO 4589-2:2017
MARINE CONSTRUCTION	Flammability	BS EN 60695-11-10:2013 IEC 60695-11-10:1999 +AMD1:2003
	Smoke	NES 711 (Withdrawn) Def Stan 02-711:2012 ISO 5659:Part 2:2012 (Withdrawn) ISO 5659:Part 2:2017 BS EN ISO 5659-2:2012 (Withdrawn) BS EN ISO 5659-2:2017
	Toxicity	NES 713 (Withdrawn) Def Stan 02-713:Apr 2000 (Withdrawn) Def Stan 02-713: issue 2: Apr 2006 (Withdrawn) Def Stan 02-713: issue 3: April 2012
	Smoke and toxicity	IMO Resolution MSC 61(67):1996:Annex 1, IMO: 2010 FTPC Part 2 using FTIR
	Heat Release	IMO: 2010 FTPC Part 10
	Flammability	IMO A.653(16):1989 (Withdrawn) IMO A.687(17):1989 (Withdrawn) IMO:2010 FTPC Part 5
	Analysis of Combustion Gases using FTIR and IC	IMO:2010 FTPC Part 6
SMALL MARINE CRAFT	Oxygen index at elevated temperature	BS EN ISO 9094-2:2015: Section 4.5.2
COMBUSTIBLE MATERIALS	Specific Optical Density of Smoke	ASTM E662-2017a ISO 5659:Parts 1 and 2:2017



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FURNITURE and UPHOLSTERED COMPOSITES	Flammability/Ignitability	SI 1324 (1988) The Furniture & Furnishings (fire safety) Regulations: BS 5852:Part 1:1979 BS 5852:Part 2:1982 (Withdrawn) BS 5852:1990 (Withdrawn) BS 5852:2006 BS 7176:2007+A1:2011 BS EN 1021-1:2014 BS EN 1021-2:2014 IMO A652 (16):1989 (Withdrawn) IMO A688 (17):1989 (Withdrawn) IMO: 2010 FTPC:Part 8:2010 IMO: 2010 FTPC:Part 9:2010 State of California Technical Bulletin 117:2000
BEDS and BEDDING	Flammability/Ignitability	BS 7175:1994 BS 6807:1986 BS 6807:1990 (Withdrawn) BS 6807:1996 (Withdrawn) BS 6807:2006
FABRICS	Flammability	IMO A563:Section 14:1985 BS 5438:Test 2:1976 (Withdrawn) BS 5438:Test 2:1989 (Withdrawn)
PLASTICS	Flammability	UL 94:2005 BS 2782:Part 1:Method 140A:1992 ISO 1210:1992 BS 2782:Part 1:Method 140C:1993
CHEMICALS and CHEMICAL PRODUCTS	Nitrogen, sulphur, chloride, bromide, iodide, and fluoride by the Lassaigne Sodium Fusion test Sodium Fusion test	Documented In-House Method ICL/QM/P004 NFX 70-100-1 Appendix A:2001 BS EN 50305:Clause 9.2.1:2002 BS EN 50525-1:2011: Annex C
END		



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Accreditation for the purpose of UK Approved Body Activity in accordance with UKCA Requirements and UKAS Publication GEN 5

Directive / Regulation	Conformity Assessment Procedure / Module / Article	Category of Products or Individual Products	Essential Requirements: Product Specification / Properties / Standards
Construction Products Regulation 2011 (retained EU law EUR 305/2011) as amended by the Construction Products (Amendment etc.) (EU Exit) Regulations 2019 and the Construction Products (Amendment etc.) (EU Exit) Regulations 2020.	Annex V - Testing Laboratory (AVCP) System 3	2011/284/EU Power, control and communication cables (1/3) : - Power, control and communication cables (for uses subject to regulations on reaction to fire).	EN 50575:2014+A1:2016

Accreditation for the purpose of Notified Body Activity relating to the Northern Ireland market (CE + UKNI) taking into account EA-2/17

Directive / Regulation	Conformity Assessment Procedure / Module / Article	Category of Products or Individual Products	Essential Requirements: Product Specification / Properties / Standards
Construction Products Regulation 2011 (retained EU law EUR 305/2011) as amended by the Construction Products (Amendment etc.) (EU Exit) Regulations 2019 and the Construction Products (Amendment etc.) (EU Exit) Regulations 2020.	Annex V - Testing Laboratory (AVCP) System 3	2011/284/EU Power, control and communication cables (1/3) : - Power, control and communication cables (for uses subject to regulations on reaction to fire).	EN 50575:2014+A1:2016

END