Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

0692

Accredited to ISO/IEC 17025:2017

Kiwa Ltd

Issue No: 050 **Issue date:** 22 October 2026

Kiwa House **Malvern View Business Park** **Stella Way** **Bishops Cleeve** **Cheltenham** **Gloucestershire** **GL52 7DQ**	**Contact: Mr Lee Shaw** **Tel: +44 (0)1242 677877** **Email: uk.quality@kiwa.com** **Website: www.kiwa.com**

Testing performed by the Organisation at the locations specified below

Laboratory locations:

Location Details	Contact Details	Location code
Kiwa Ltd Malvern View Business Park Stella Way Bishops Cleeve Cheltenham Gloucestershire GL52 7DQ	Contact: Mr Lee Shaw Tel: +44 (0) 1242 677877 E-Mail: uk.quality@kiwa.com	L1 Pages 3-8
Kiwa Electrical Compliance Laboratory (Blackwood) Unit 8 Woodfieldside Business Park Pontllanfraith Blackwood Gwent NP12 2DG	Contact: Mr Clint Hilling Tel: +44 (0) 1277 352219 E-Mail: clint.hilling@kiwa.com	L2* Pages 9-22

DETAIL OF ACCREDITATION

Flexible Scope
Where indicated in Table 1 on Page 1 by Location Code*****, the Flexible Scope applies to the applicable laboratory location's accreditation to ISO/IEC17025:2017 for testing activities in accordance with the standards listed on the schedule on the pages indicated.

The scope may also include tests on the same or similar product types against standards, or customer-specified methods that are not specifically listed in this Schedule, providing that:

(1) The method or standard does not introduce new principles of measurement.
(2) The method or standard does not require measurements to be made outside the parametric boundaries defined in this Schedule.

Information about flexible scopes of accreditation is available in UKAS document GEN 4.

NOTE: Where EN Standards have exact equivalents in IEC, or BS EN Standards, these are also included in the accreditation.

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Bituminous Coals	Combustion Performance Tests in: Inset Open Fire	 Fuel testing procedure No 19	 L1
Naturally Occurring Smokeless Solid Fuels	Combustion Performance Tests in: Inset Roomheater	 Fuel testing procedure No 15.1	 L1
Manufactured Solid Smokeless Fuels	Combustion Performance Tests in: 1) Inset Roomheater 2) Inset Open Fires	 1) Fuel testing procedure No 15.1 2) Fuel testing procedure No 19 Fuel testing procedure No 19.1	 L1
All Types of Solid Fuels	Gravimetric Measurement of Smoke Emission	Fuel testing procedure No 18	L1
Firelighters	Ignition Performance Test	Fuel testing procedure No 21	L1
Smoke Reducing Solid Fuel Burning Domestic Appliances	Gravimetric and Optical Measurement of Smoke Emission	PD 6434:1969 Solid Fuel Appliance testing procedure No 12.1	L1
Residential solid fuel burning appliances	Construction and Performance Tests*	BS EN 16510-1:2022 excluding clauses 4.2, 4.4.18, 4.4.24 - 4.4.27, 4.5, 5.1, 5.3 - A.4.10.6 testing component and 5.7.2 only, 5.7.2 (and all sub clauses), 5.8 – 5.9 (all sub clauses), 5.12, 6.11, 8 (all sub clauses), A.4.10.5 (and sub sections), A.4.10.6 , A.4.10.7.1 (and sub sections), A.4.11 (and sub sections)	L1

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Residential solid fuel burning appliances - Roomheaters	Construction and Performance Tests*	BS EN 16510-2-1:2022 excluding clauses 4.9, 5.9 - A.4.10.6 testing component, 5.7.2 (and all sub clauses), 6.2 - environmental sustainability Clause 4.8, in Table 9, 6.3 (and all sub clauses)	L1
Roomheaters Fired by Solid Fuel	Construction and Performance Tests*	BS EN 13240:2001+A2:2004 (inc corrigenda September 2003, June 2006 and August 2007) excluding Clauses A.4.9.3 and A.4.9.5	L1
Residential solid fuel burning appliances - Inset appliances including open fires	Construction and Performance Tests*	BS EN 16510-2-2:2022 excluding clauses 4.8, 5.9 - A.4.10.6 testing component, 6.3 (and all sub clauses), 5.7.2 (and all sub clauses), 6.1 , 6.2 - environmental sustainability Clause 4.8, in Table 9, 6.3 (and all sub clauses), A.4.201 (and all sub clauses), all testing relating to Kachelofen/Putzofen inset appliances.	L1
Inset Appliances including Open Fires Fired by Solid Fuels	Construction and Performance Tests*	BS EN 13229:2001 +A2:2004 (inc corrigenda September 2003, June 2006 and August 2007) excluding Kachelöfen or Putzöfen appliances, and Clauses A.4.9.4, A.4.9.6 and A.4.10	L1
Residential solid fuel burning appliances - Cookers	Construction and Performance Tests*	BS EN 16510-2-3:2022 excluding clauses 4.8, 5.3.3 (A.4.10.6 testing component), 5.7.1, 5.9 - A.4.10.6 testing component, 6.1 (factory production control), 6.2 - environmental sustainability clause 4.8 in Table 9, 6.3 (and all sub clauses)	L1
Residential Cookers Fired by Solid Fuel	Construction and Performance Tests*	BS EN 12815:2001+A1:2004 (inc corrigendum April 2008) (excluding Clauses A.4.15 and A.4.18)	L1
Residential Solid Fuel Burning Appliances	Particulate, NOx and Hydrocarbon Emissions Tests	DD CEN/TS 15883:2009 “DIN Plus method”	L1

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Heating Boilers with Atomizing Oil Burners	Construction and Performance Tests*	BS EN 304:2017	L1
Gas-fired heating boilers	Efficiency	BS EN 15502-1:2012+A1:2015, Part 1 General requirements and tests, clause 9 only.	L1
Gas-fired heating boilers. Specific standard for type C appliances and type B2, B3 and B5 appliances of a nominal heat input not exceeding 1000 kW	Efficiency	BS EN 15502-2-1:2012+A1:2016, Part 2-1. clause 9 only.	L1
Gas-fired heating boilers. Specific standard for type B1 appliances	Efficiency	BS EN 15502-2-2:2014, Part 2-2, clause 9 only.	L1
Gas Fired Storage Water Heaters for the Production of Domestic Hot Water	Efficiency	BS EN 89:2015, clause 7.1 only	L1
Independent Gas Fired Convection Heaters	Construction and Performance Tests*	BS EN 613:2021	L1
Non-domestic Forced Convection Gas-fired Air Heaters For Space Heating Not Exceeding a Net Heat Input of 300 kW, Incorporating a Fan to Assist Transportation of Combustion Air or Combustion Products	Efficiency	BS EN 1020:2009 Clause 6.2	L1

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Decorative Fuel Effect Gas Appliances	Construction and Performance Tests*	BS EN 509:2000 (incorporating Amnds 1 & 2)	L1
Dedicated Liquefied Petroleum Gas Appliances — Barbecues for Outdoor Use Contact Grills Included	Construction and Performance Tests*	BS EN 498:2012	L1

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	Location Code
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- Test Laboratory (AVCP) System 3	95/471/EC Space heating appliances (1/2): - Space heating appliances burning solid and liquid fuels (in buildings).	EN 12809:2001 EN 12809:2001/A1:2004 EN 12809:2001/A1:2004/AC:2006 EN 12809:2001/A1:2004/AC:2007 EN 12809:2001/AC:2006 EN 12815:2001 EN 12815:2001/A1:2004 EN 12815:2001/A1:2004/AC:2006 EN 12815:2001/A1:2004/AC:2007 EN 12815:2001/AC:2006 EN 13229:2001 EN 13229:2001/A1:2003 EN 13229:2001/A2:2004 EN 13229:2001/A2:2004/AC:2006 EN 13229:2001/A2:2004/AC:2007 EN 13229:2001/AC:2006 EN 13240:2001 EN 13240:2001/A2:2004 EN 13240:2001/A2:2004/AC:2006 EN 13240:2001/A2:2004/AC:2007 EN 13240:2001/AC:2006 EN 16510-2-1:2022 EN 16510-2-2:2022 EN 16510-2-3:2022	L1

END

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	Location Code
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- Test Laboratory (AVCP) System 3	95/471/EC Space heating appliances (1/2): - Space heating appliances burning solid and liquid fuels (in buildings).	EN 12809:2001 EN 12809:2001/A1:2004 EN 12809:2001/A1:2004/AC:2006 EN 12809:2001/A1:2004/AC:2007 EN 12809:2001/AC:2006 EN 12815:2001 EN 12815:2001/A1:2004 EN 12815:2001/A1:2004/AC:2006 EN 12815:2001/A1:2004/AC:2007 EN 12815:2001/AC:2006 EN 13229:2001 EN 13229:2001/A1:2003 EN 13229:2001/A2:2004 EN 13229:2001/A2:2004/AC:2006 EN 13229:2001/A2:2004/AC:2007 EN 13229:2001/AC:2006 EN 13240:2001 EN 13240:2001/A2:2004 EN 13240:2001/A2:2004/AC:2006 EN 13240:2001/A2:2004/AC:2007 EN 13240:2001/AC:2006 EN 16510-2-1:2022 EN 16510-2-2:2022 EN 16510-2-3:2022	L1
END				

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
IT Equipment Telecommunication Equipment Domestic, Commercial and Industrial Equipment Medical Equipment Similar Electrical Equipment	1 <u>EMC Testing</u> 1.1 Conducted Emissions 9 kHz to 30 MHz	EN 55011:1998 + A1:1999 + A2:2002 EN 55011:2009 (AMN) EN 55011:2009 + A1:2010 (AMN) EN 55011:2016 (AMN) CISPR 11:2015 (AMN) EN 55011:2016 + A1:2017 (AMN) CISPR 11:2015 + A1:2016 (AMN) EN 55011 2016 + A1 2017 + A11 2020 + A2 2021 EN 55013:2001 + A1:2003 excluding TVs and VCRs EN 55014-1:2000 + A1:2001 + A2:2002 EN 55014-1:2006 CISPR 14-1:2005 + A1:2008 EN 55014-1:2006 + A1:2009 EN 55014-1:2006 + A1:2009 + A2:2011 excluding Induction Hobs CISPR 14-1:2005 + A1:2008 + A2:2011 excluding Induction Hobs EN 55014-1:2017 CISPR 14-1:2016 + Cor1:2016 EN 55014-1:2017 + A11:2020 EN IEC 55014-1 2021 EN 55022:1994 + A1:1995 + A2:1997 EN 55022:1998 + A1:2000 + A2:2003 EN 55022 :2006 + A1 :2007 EN 55022:2010 EN 55032:2015 + A11:2020 (AMN only) EN 55016-2-1:2009 (AN's) CISPR 16-2-1:2008 (AN's) EN 55016-2-1:2009 + A1:2011 (AN's) CISPR 16-2-1:2008 +A1:2010 AN's) EN 55016-2-1:2014 (AN's) CISPR 16-2-1:2014 (AN's) EN 55016-2-1:2014 + A1:2017 (AN's) CISPR 16-2-1:2014 + A1:2017 (AN's)	L2*

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
As listed on Page 9	1 EMC Testing (cont'd) 1.2 Discontinuous Conducted Emissions	EN 55014-1:2000 + A1:2001 + A2:2002 EN 55014-1:2006 CISPR 14-1:2005 + A1:2008 EN 55014-1:2006 + A1:2009 EN 55014-1:2006 + A1:2009 + A2:2011 excluding Induction Hobs CISPR 14-1:2005 + A1:2008 + A2:2011 excluding Induction Hobs EN 55014-1:2017 CISPR 14-1:2016 + Cor1:2016 EN 55014-1:2017 + A11:2020 EN IEC 55014-1 2021	L2*
	1.3 Disturbance Power (Absorption Clamp) 30 MHz to 300 MHz	EN 55013:2001 + A1:2003 EN 55014-1:2000 + A1:2001 + A2:2002 EN 55014-1:2006 CISPR 14-1:2005 + A1:2008 EN 55014-1:2006 + A1:2009 EN 55014-1:2017 CISPR 14-1:2016 + Cor1:2016 EN 55014-1:2017 + A11:2020 EN IEC 55014-1 2021 EN 55016-2-2:2004 + A1:2005 CISPR 16-2-2:2003 + A1:2004 EN 55016-2-2:2004 + A1:2005 + A2:2005 CISPR 16-2-2:2003 + A1:2004 + A2:2005 EN 55016-2-2:2011 CISPR 16-2-2:2011	L2*

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
As listed on Page 9	1 EMC Testing (cont'd) 1.4 Radiated Emissions Electric Field: 30 MHz to 1 GHz 1 GHz to 6 GHz	EN 55011:1998 + A1:1999 + A2 :2002 EN 55011:2009 (≤ 1 GHz) EN 55011:2009 + A1:2010 (≤ 1 GHz) EN 55011:2016 (≤ 1 GHz) CISPR 11:2015 (≤ 1 GHz) EN 55011:2016 + A1:2017 (≤ 1 GHz) CISPR 11:2015 + A1:2016 (≤ 1 GHz) EN 55011 2016 + A1 2017 + A11 2020 + A2 2021 Exclusion of APD measurement method (table 15) EN 55013:2001 + A1:2003 EN 55014-1:2000 + A1:2001 + A2:2002 EN 55014-1:2006 CISPR 14-1:2005 + A1:2008 EN 55014-1:2006 + A1:2009 EN 55014-1:2006 + A1:2009 + A2:2011 excluding Induction Hobs CISPR 14-1:2005 + A1:2008 + A2:2011 excluding Induction Hobs EN 55014-1:2017 CISPR 14-1:2016 + Cor1:2016 EN 55014-1:2017 + A11:2020 EN IEC 55014-1 2021 EN 55022:1994 + A1:1995 + A2:1997 EN 55022:1998 + A1:2000 + A2:2003 EN 55022 :2006 + A1:2007 EN 55022:2010 EN 55032:2015 + A11:2020 EN 55016-2-3:2010 CISPR 16-2-3:2010 EN 55016-2-3:2010 + A1:2010 CISPR 16-2-3:2010 + A1:2010 EN 55016-2-3:2010 + A1:2010 + A2:2014 CISPR 16-2-3:2010 + A1:2010 + A2:2014 EN 55016-2-3:2017 CISPR 16-2-3:2016 EN 55016-2-3 2017 + A1 2019	L2*

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
As listed on Page 9	1 EMC Testing (cont'd) 1.5 Mains Harmonics	EN 61000-3-2:2000 EN 61000-3-2:2006 IEC 61000-3-2:2005 EN 61000-3-2:2006 + A1:2009 + A2:2009 EN 61000-3-2:2014 IEC 61000-3-2:2014 EN IEC 61000-3-2:2019	L2*
	1.6 Voltage Flicker	EN 61000-3-3:1995 + A1:2001 + A2:2005 IEC 61000-3-3: 1994 + A1:2001 + A2:2005 EN 61000-3-3:2008 IEC 61000-3-3:2008 EN 61000-3-3:2013 IEC 61000-3-3:2013 EN 61000-3-3:2013 + A1:2019	L2*
	1.7 Magnetic field emissions 10 kHz to 400 kHz	EN 50366:2003 + A1:2006 EN 62233:2008 Time Domain Evaluation Method	L2*
	1.8 Electrostatic Discharge Up to 25 kV	EN 61000-4-2:1995 IEC 1000-4-2:1995 EN 61000-4-2:1995 + A1:1998 + A2:2001 IEC 61000-4-2:1995 + A1:1998 + A2:2000 EN 61000-4-2:2009 IEC 61000-4-2:2008	L2*

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
As listed on Page 9	1 EMC Testing (cont'd) 1.9 Radiated E-Field Immunity 80 MHz to 6 GHz < 28V/m	EN 61000-4-3:1996 IEC 61000-4-3:1995 EN 61000-4-3:2002 + A1:2002 IEC 61000-4-3:2002 + A1:2002 EN 61000-4-3:2006 IEC 61000-4-3:2006 EN 61000-4-3:2006 + A1:2008 EN 61000-4-3:2006 + A1:2008 + A2:2010 IEC 61000-4-3:2006 + A1:2007 IEC 61000-4-3:2006 + A1:2007 + A2:2010 EN 61000-4-3:2020	L2*
	1.10 Fast Burst Transients Up to 4 kV	EN 61000-4-4:1995 EN 61000-4-4:1995 + A1:2001 + A2:2001 IEC 61000-4-4:1995 EN 61000-4-4:2004 IEC 61000-4-4:2004 EN 61000-4-4:2004 + A1:2010 EN 61000-4-4:2012	L2*
	1.11 Surge Immunity Up to 4.4 kV	EN 61000-4-5:1995 IEC 61000-4-5:1995 EN 61000-4-5:1995 + A1:2001 IEC 61000-4-5:1995 + A1:2000 EN 61000-4-5:2006 IEC 61000-4-5:2005 EN 61000-4-5:2014 EN 61000-4-5:2014 + A1:2017 IEC 61000-4-5:2014 + A1:2017	L2*

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
As listed on Page 9	1 EMC Testing (cont'd) 1.12 Conducted RF Immunity 150 kHz to 230 MHz 20V rms	EN 61000-4-6:1996 IEC 1000-4-6:1996 EN 61000-4-6:1996 + A1:2001 IEC 61000-4-6:1996 + A1:2000 EN 61000-4-6:2007 EN 61000-4-6:2007 + Corr Aug 2007 IEC 61000-4-6:2003 + A1:2004 + A2:2006 EN 61000-4-6:2009 IEC 61000-4-6:2008 EN 61000-4-6:2014	L2*
	1.13 Magnetic Immunity 30A/m	EN 61000-4-8:1993 IEC 61000-4-8:1993 EN 61000-4-8:1993 + A1:2001 IEC 61000-4-8:1993 + A1:2000 EN 61000-4-8:2010	L2*
	1.14 Voltage Dips and Interrupts	EN 61000-4-11:1994 IEC 61000-4-11:1994 EN 61000-4-11:1994 + A1:2001 EN 61000-4-11:2004 IEC 61000-4-11:2004 EN 61000-4-11:2004 + A1: 2017 IEC 61000-4-11:2004 + A1: 2017 EN IEC 61000-4-11 2020	L2*

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
IT Equipment Telecommunication Equipment Domestic, Commercial and Industrial Equipment Medical Equipment Similar Electrical Equipment	2 Commercial EMC Testing Generic and Project Specific Standards These standards are accredited to the extent that they call up the basic standards as detailed in Section 1 above	CISPR 11:2003 EN 55011:1998 + A1:1999 + A2:2002 EN 55011:2009 (AMN) EN 55011:2009 + A1:2010 (AMN) EN 55011:2016 (AMN) CISPR 11:2015 (AMN) EN 55011:2016 + A1:2017 (AMN) CISPR 11:2015 + A1:2016 (AMN) EN 55011 2016 + A1 2017 + A11 2020 + A2 2021 Exclusion of APD measurement method (table 15) for radiated emissions CISPR 13: 2001 + A1 2003 EN 55013:2001 + A1:2003 excluding TVs and VCRs CISPR 14:1993 EN 55014-1:2000 + A1:2001 + A2:2002 CISPR 14-1:2002 EN 55014-1:2006 CISPR 14-1:2005 CISPR 14-1:2005 + A1:2008 EN 55014-1:2006 + A1:2009 EN 55014-1:2006 + A1:2009 + A2:2011 excluding Induction Hobs CISPR 14-1:2005 + A1:2008 + A2:2011 excluding Induction Hobs EN 55014-1:2017 EN 55014-1:2017 + A11:2020 EN IEC 55014-1 2021 CISPR 14-1:2016 + Cor1:2016 CISPR 14-2: 1997 + A1:2001 CISPR 14-2:2015 EN 55014-2:1997 + A1:2001 CISPR 14-2:1997 + A1:2001 + A2:2008 EN 55014-2:1997 + A1:2001 + A2:2008 EN 55014-2:2015 EN IEC 55014-2:2021 EN 55022:1994 + A1:1995 + A2:1997 EN 55022:1998 + A1:2000 + A2:2003 CISPR 22:2003	L2*

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
As listed on Page 15	2 Commercial EMC Testing (cont'd)	CISPR 22:2005 + A1:2005 + A2:2006 EN 55022 :2006 + A1 :2007 EN 55022:2010 EN 55024:1998 + A1:2001 + A2:2003 EN 55024:2010 EN 55024:2010 + A1:2015 EN 55032:2015 +A11:2020 (AMN only) EN 55035:2017 +A11:2020, EN 50130-4:1995 +A1:1998 +A2:2003 EN 50130-4:2011 EN 50130-4:2011 + A1:2014 EN 50293:2012 EN 55103-1:1996 EN 55103-2:1996 EN 60601-1-2:2001 EN 60601-1-2:2007 (excluding lighting equipment used in medical applications) EN 60601-1-2:2015 + A1:2021 excluding table 11 (EN 61000-4-39) IEC 60601-1-2:2014 EN 61000-6-1:2001 EN 61000-6-1:2007 EN 61000-6-1:2019 excluding EN 61000-4-34 IEC 61000-6-1:2005 EN 61000-6-2:2001 EN 61000-6-2:2005 EN 61000-6-2:2019 excluding EN 61000-4-34 IEC 61000-6-2:2005 EN 61000-6-3:2001 EN 61000-6-3:2007 IEC 61000-6-3:2006 EN 61000-6-3:2007 + A1:2011 IEC 61000-6-3:2006 + A1:2010 EN 61000-6-3 :2021 EN 61000-6-4:2001 EN 61000-6-4:2007 EN 61000-6-4:2019	L2*

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
As listed on Page 15	2 Commercial EMC Testing (cont'd)	IEC 61000-6-4:2006 EN 61000-6-4:2007 + A1:2011 IEC 61000-6-4:2006 + A1:2010 EN 61000-6-8 :2020 EN 61800-3:1996 + A11:2000 EN 61326:1997 + A1:1998 + A2:2001 + A3:2003 EN 61326-1:2013 IEC 61326-1:2012 EN IEC 61326-1:2021 EN 61326-2-6:2013 IEC 61326-2-6:2012 Internal Method TP 0023, Rev A	L2*
	EMC Facilities: Anechoic Chamber: 8m x 5m x 5m Access Door: 2 m x 2 m Open Area Test Site: 3 m and 10m 1.25 m Turntable - Maximum Weight 455 Kg Power Supplies: 415V 3-phase 50 Hz, 32A/phase Programmable Power supply: 0 V to 300 V AC 6.5 Hz to 2kHz 20A 0 to 425 V DC		L2*

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
	3 Electrical Product Safety Testing		
Household and similar electrical appliances	Limitations	EN 60335-1:2002 + A1 + A2 + A11 + A12 + A13 + A14 + A15	L2*
General requirements	Impulse voltage 6kV maximum	EN 60335-1:2012+A1:2019 + A2:2019 EN 60335-1:2012+A11:2014 EN 60335-1:2012 + A11 + A13:2017 EN 60335-1:2012 + A15 : 2021 IEC 60335-1:2010 IEC 60335-1:2010+A1:2013+A2:2016 IEC 60335-1:2020 Excluding: 15.1, IP water ingress tests 19.11.4.7, Harmonics immunity test 22.1, IP access tests> IP4X 22.32, Oxygen bomb test 22.46, Software Class B or Class C evaluation	
Storage water heaters	Electrical Safety	EN 60335-2-21:2021 + A1:2021 IEC 60335-2-21:2022	L2*
Room heaters	Electrical Safety	EN 60335-2-30:2009 + A11: 2012 A12:2020 IEC 60335-2-30:2009 + A1:2016 A2:2021 Excluding: 21.105 vibration tests Excluding: 15.1 water ingress tests 15.2 Spillage test 22.105 Thermal shock test 22.110 Paint coating test 19.103 Size limitation for test to maximum largest dimension of 0.4m	L2*

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
	3 Electrical Product Safety Testing (cont'd)		
Electric pumps for liquids	Electrical Safety	EN IEC 60335-2-41:2021 + A11:2021 IEC 60335-2-41:2012	L2*
Fixed immersion heaters	Electrical Safety	EN 60335-2-73:2003 + A1:2006 + A2:2009 + A11:2021 IEC 60335-2-73:2002 + A1:2006 + A2:2009	L2*
Commercial Dispensing appliances and Vending Machines	Electrical Safety	EN60335-2-75: 2004 + A1:2005 + A2:2008 + A11:2006 + A12:2010 IEC 60335-2-75: 2002 + A1:2004 + A2:2008 (withdrawn) Excluding: 15.1.1, Splash test	L2*
Fans	Electrical Safety	EN 60335-2-80:2003 + A1:2004 + A2:2009 IEC 60335-2-80:2015	L2*
Amusement and Personal Services Machines	Electrical Safety	EN 60335-2-82:2003 + A1:2008 + A2:2020 IEC 60335-2-82:2017 + A1:2020 Excluding: 31, Salt mist test	L2*

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
	3 Electrical Product Safety Testing (cont'd)		
Gas, oil and solid-fuel burning appliances having electrical connections	Electrical Safety	EN 60335-2-102:2006 + A1:2010 + A2:2016 (EN 60335-2-102:2016) IEC 60335-2-102:2017 Excluding: 8.101 Spark ignition circuit test 22.46 Software testing 11 – Heating Test 13 – Leakage Current and electric strength at operating temperature 16.3 – Addition (inspection of spark ignition circuits) 19.4 – Simulation of thermostatic control failure 22.103 – Spark ignition circuit	L2*
Audio/video, information and communication technology equipment. Safety requirements	Electrical Safety	IEC 62368-1:2018 IEC EN 62368-1:2014 + A11:2017 IEC EN 62368-1:2020 + A11:2020. IEC EN 62368-1 :2023 Excluding Clause 5.4.1.10.2: Vicat test B50 of ISO 306 (Ball pressure test of clause 5.4.1.10.3 can be performed as an alternative Clause 5.4.4.6.5: Mandrel test Clause 5.4.10.2.2 - 10/700µS impulse test Clause 5.5.8 – 10kV coaxial cable impulse voltage test (circuit 3 of table D.1) Clause 5.6.4.1: 1500A short-circuit	L2*

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
	3 Electrical Product Safety Testing (cont'd)		
Audio/video, information and communication technology equipment. Safety requirements (cont'd)	Electrical Safety (cont'd)	Clause 10: Radiation (3rd party certification required to confirm compliance) Annex G.7: Mains supply cords to IEC 60227 Annex G.9: Integrated circuit current Limiters Annex G10 – Resistor surge test Annex G13.3: Coated boards Annex G.15 – Pressurized liquid filled components Annex G.15.2.4: Vibration test Annex J: Insulated winding wires for use without interleaved insulation Annex S.3.2 – Distillate fuel oil test Annex S.6 – Flammability testing of reticulated foam between Annex S3.2 and Annex M8.2 Annex M.8.2: Spark test in accordance with IEC 60896-21: 2004, 6.4 Annex U: Mechanical strength of CRTs Annex Y – Construction requirements for outdoor products	L2*

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Safety requirements for electrical equipment for measurement, control, and laboratory use. General requirements	3 Electrical Product Safety Testing (cont'd) Electrical Safety	EN 61010-1:2010 + A1:2019 IEC 61010-1:2010 + A1:2016 Excluding: Clause 11.6 – IP water ingress Clause 10.5.3: Vicat test B50 of ISO 306 (Ball pressure test of clause 10.5.3 will be be used as an alternative). Clause 12 – Radiation (3rd party certification to be used for compliance) Clause 13.2.3 – High vacuum lamps (3rd party certification or sub-contract to be used for compliance)	L2*
Fire hazard testing: Glow wire test	Safety test	IEC 60695-2-11:2014 EN 60695-2-11:2014	L2*
Fire hazard testing: Ball Pressure test	Safety test	IEC 60695-10-2:2014 EN 60695-10-2:2014	L2*
Fire hazard testing: Needle flame test	Safety test	IEC 60695-11-5:2016 EN 60695-11-5:2017	L2*
Enclosures for electrical equipment	Safety tests	IEC 60529:1989 + A2:2013 EN 60529:1991 + A2:2013 IP1X Protected against solid objects greater than 50 mm diameter IP2X Protected against solid objects greater than 12 mm diameter IP3X Protected against solid objects greater than 2.5 mm diameter IP4X Protected against solid objects greater than 1.0 mm diameter	L2*
END			