


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p>Accredited to ISO/IEC 17025:2005</p>	<b>BSRIA Limited</b>  <b>Issue No: 024 Issue date: 23 November 2018</b>	
	<b>Old Bracknell Lane West</b> <b>Bracknell</b> <b>Berkshire</b> <b>RG12 7AH</b>	<b>Contact: Dr A Teekaram</b> <b>Tel: +44 (0)1344 465600</b> <b>Fax: +44 (0)1344 465626</b> <b>E-Mail: Arnold.Teekaram@bsria.co.uk</b> <b>Website: www.bsria.co.uk</b>
<b>Testing performed by the Organisation at the locations specified below</b>		

### Locations covered by the organisation and their relevant activities

#### Laboratory locations:

Location details		Activity	Location code
<b>Address</b> Old Bracknell Lane West Bracknell Berkshire RG12 7AH	<b>Local contact</b> Dr A Teekaram  Tel: +44 (0)1344 465600 Fax: +44 (0)1344 465626 E-Mail: Arnold.Teekaram@bsria.co.uk	Metal flue pipes, fittings, terminals and accessories Radiators and Convector heaters Powered ventilators Building air leakage testing Heat pumps	Perm

#### Site activities performed away from the locations listed above:

Location details	Activity	Location code
Customer premises - any	Building air leakage testing  Sound Insulation tests including pre-completion testing for dwellings and rooms for residential purpose for The Building Regulations 2010. Approved Document E (2003 Edition incorporating 2004 & 2010 amendments). Building (Scotland) Regulations using the guidance given in Technical Handbooks Section 5, Noise for both Domestic and Non-domestic buildings.	Site  Site



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
METAL FLUE PIPES, FITTINGS, TERMINALS and ACCESSORIES for gas-fired appliances - rated input not exceeding 60 kW	<u>Dimensional Tests</u> Dimensions - single-wall flue system  Dimensions - double-wall flue system  Dimensions - flexible flue liner  Dimensions - flue terminals  Dimensions - fittings	BS 715:1993 sections 2.3, 3.3, 4.3, 5.3	Perm
METAL CHIMNEYS	<u>Dimensional Tests</u> System chimneys  Rigid flue liners  <u>Rigid connecting flue pipes</u>  <u>Flexible flue liners</u>	BS EN 1856-1:2009  BS EN 1856-1:2009 BS EN 1856-2:2009	Perm
ROOM HEATERS FIRED BY SOLID FUEL	<u>Performance tests</u> Thermal performance, safety requirements, appliance instructions and marking.  Test methodology and calculation methodology for determining the energy cost and CO <sub>2</sub> savings using a chimney blank.  Smoke emissions	BS EN13240:2001 inc A2:2004 BS EN 13229:2001 inc A2:2004  'In-house procedure' 57966/1  BS 3841: Part 1 and 2 (section 4 only) PD 6434:1969	Perm



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
RADIATORS and CONVECTOR HEATERS	<u>Performance Tests</u> Thermal output Burst resistance to pressure	BS EN 442-2:2014 BS EN 442-1:2014 sections 5 to 5.1.7, 5.2, 5.3, 6.1 to 6.4	Perm
	Dimensions	BS EN 442-2:2014	Perm
POWERED VENTILATORS (for smoke and heat exhaust)	<u>Performance Tests</u> High temperature tests (up to 400°C)	BS EN 12101-3:2015	Perm
AIR CONDITIONERS, LIQUID CHILLING PACKAGES AND HEAT PUMPS - Air to Air (2-12kW) - Brine/Water to Water (2-200kW) - Air to Water (2-200kW)	<u>Performance Tests</u> Thermal performance tests to determine capacity, COP and EER. Part 4 Safety tests	BS EN 14511:2007 BS EN 14511:2011 BS EN 14511- 1 to 4 2013 BS EN 14825:2016	Perm
	Sound power measurements	BS EN 3741:2010 BS EN 12102:2013	Perm
Noise sources	<u>Performance Tests</u> Determination of sound power levels	BS EN ISO 3741 : 2010	Perm
Fan Coils Units	<u>Performance Tests</u> Thermal performance and Airflow	BS EN 1397:2015	Perm
Heat Interface Units	<u>Performance Tests</u> High temperature/low temperature thermal performance static and dynamic tests Pressure tests	BESA UK HIU Test Regime Technical Specification December 2016  BESA, UK HIU Test Regime October 2018	Perm



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BUILDINGS	<u>Performance Tests</u>  Air leakage tests for determination of: - Air leakage index - Air permeability  Building air leakage test Domestic  Building air leakage test Non-Domestic  Floor Plenum Air Leakage Test	CIBSE Technical Memoranda TM 23:2000 BS EN 13829:2001 BS EN ISO 9972:2015 ATTMA technical standard 1:2007  ATTMA TSL1:2010 ATTMA TSL1:2016  ATTMA TSL2:2010  BSRIA BG65	Site
ACOUSTICS	Measurement of sound absorption in a reverberation room	BS EN ISO 354: 2003 BS EN 11654:1997	Perm
BUILDING FINISHES Including ceiling panels, wall panels, carpets, curtains, proprietary or purpose made sound absorbent materials, and other room contents including seating, screens and space absorbers			



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ACOUSTICS	<u>Performance Tests</u> (cont'd)		
Buildings - elements such as partitions, walls, floors,	Field measurement of airborne sound insulation, ie Level Difference and related factors	Sound Insulation tests including pre-completion testing for dwellings and rooms for residential purpose for  1. The Building Regulations 2010. Approved Document E (2003 Edition incorporating 2004 & 2010 & 2015 amendments).  2. Building (Scotland) Regulations using the guidance given in Technical Handbooks Section 5, Noise for both Domestic and Non-domestic buildings.	Site
	100Hz to 5KHz	BS EN ISO 140-4:1998 BS EN ISO 16283-1:2014 BS EN ISO 717-1:1997	
Buildings - floors	Field measurement of impact sound insulation of floors between rooms, ie Impact Sound Pressure Level and related factors	Sound Insulation tests including pre-completion testing for dwellings and rooms for residential purpose for The Building Regulations 2010. Approved Document E (2003 Edition incorporating 2004 & 2010, 2013 & 2015 amendments).  Post completion sound insulation testing for the Building (Scotland) Regulations using the guidance given in Technical Handbooks Section 5, Noise for both Domestic and Non-domestic buildings.	Site
	100Hz to 5KHz	BS EN ISO 140-7:1998 BS EN ISO 717-2:1997 BS EN ISO 16283-2:2015	

END



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**Accreditation for the purpose of Notified Body Activity taking into account EA2/17 and relevant requirements of ISO 17025**

Directive / Regulation	Conformity Assessment procedure/ Module/article	Category of products or individual products	Essential requirements: Product specification / Properties/Standards
The Construction Products Regulation (EU) No 305/2011	Testing Laboratory Attestation System 3	Space heating appliances (1/2): Space heating appliances without internal energy source (in buildings).	EN 442-1:2014
The Construction Products Regulation (EU) No 305/2011	Testing Laboratory Attestation System 3	Space heating appliances (1/2): Space heating appliances burning solid and liquid fuels (in buildings)	EN13240:2001 including A2:2004, AC:2006 & AC:2007 EN13229:2001 including A2:2004
END			