


# 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 17025:2017</p>	<b>BSRIA Limited</b>	
	<b>Issue No: 029 Issue date: 31 October 2019</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 Zone monitors Heat pumps and air conditioners Fan coil units Heat interface units Acoustics	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. Indoor air quality	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 Rigid connecting flue pipes Flexible flue liners	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. Smoke emissions Residential solid fuel burning appliances Defra smoke tests on Pizza Ovens	BS EN13240:2001 inc A2:2004 BS EN 13229:2001 inc A2:2004 BS 3841: Part 1 and 2 (section 4 only) PD 6434:1969 BS EN 16510-1:2018 'In-house procedure' TP60	Perm



1053

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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 14511:2018 Parts 1-4 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 pumps with electrically driven compressors	<u>Performance Tests</u>  Performance rating and requirements for marking of domestic hot water units	BS EN 16147:2017	
Chimney Draft Excluder	Test methodology and calculation methodology for determining the energy cost and CO <sub>2</sub> savings using a chimney blank.	In-house procedure 57966/1	



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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
Individual Zone Controllers	<u>Performance Tests</u> Control Accuracy (CA) and Control to Setpoint Deviation (CSD), Assessment of Economy Mode and Building Protection.	eu.bac Certification Rules "Part 2 - 1: Specific Rules for Electronic Individual Zone Control Equipment" and eu.bac test tool (ETT) software (based upon BS EN 15500-1)	Perm
Indoor Air Quality Testing to the requirements of ISO 16000-3:2011 and ISO 16000-6:2011	Air Sampling, TVOC, Formaldehyde	'In-house procedure' TP 57	Site
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



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ACOUSTICS			
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	Measurement of sound absorption in a reverberation room	BS EN ISO 354: 2003 BS EN 11654:1997	Perm
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	



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Buildings - floors	<p>Field measurement of impact sound insulation of floors between rooms, ie Impact Sound Pressure Level and related factors</p> <p>100Hz to 5KHz</p>	<p>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 &amp; 2010, 2013 &amp; 2015 amendments).</p> <p>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.</p> <p>BS EN ISO 140-7:1998 BS EN ISO 717-2:1997 BS EN ISO 16283-2:2015</p>	Site

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			