


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 <p>0692</p> <p>Accredited to ISO/IEC 17025:2005</p>	<h3>GASTEC at CRE Ltd</h3> <p>Issue No: 028 Issue date: 04 May 2010</p>	
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<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
Bituminous Coals	Combustion Performance Tests in: 1) Inset Open Fire	Fuel testing procedure No 19
Naturally Occurring Smokeless Solid Fuels	Combustion Performance Tests in: 1) Gravity-Feed Central Heating Boiler 2) Inset Roomheater	1) Fuel testing procedure No 20 Fuel testing procedure No 20.1 2) Fuel testing procedure No 15.1
Manufactured Solid Smokeless Fuels	Combustion Performance Tests in: 1) Gravity-Feed Central Heating Boiler 2) Inset Roomheater 3) Inset Open Fires	1) Fuel testing procedure No 20 Fuel testing procedure No 20.1 2) Fuel testing procedure No 15.1 3) Fuel testing procedure No 19 Fuel testing procedure No 19.1
All Types of Solid Fuels	Gravimetric Measurement of Smoke Emission	Fuel testing procedure No 18
Firelighters	Ignition Performance Test	Fuel testing procedure No 21
Solid Fuel Appliances	Gravimetric and Optical Measurement of Smoke Emission	PD 6434:1969 Solid Fuel Appliance testing procedure No 12.1



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Oil Fired Cookers With or Without Boilers with Heat Outputs up to 45 kW	Construction and Performance Tests*	OFTEC Oil Fired Appliance Standard OFS-A101:2004, Edition 2 (excluding Clauses 2.21 and Appendix N)
Oil Fired Heating Boilers with Atomising Burners with Outputs up to 70 kW	Construction and Performance Tests*	OFTEC Oil Fired Appliance Standard OFS-A100:2004, Edition 4 (excluding Clauses 4.2 and 4.3 and Annexes A, C, D, E)
Oil Fired Heating Boilers with Atomising Burners with Outputs up to 400 kW	Construction and Performance Tests*	BS EN 303-1:1999 (inc Amendment October 2006) BS EN 303-2:1999 (Amendment A1:2004) BS EN 303-4:1999 BS EN 303-6:2000 BS EN 304:1992 (inc Amendments A1:1998, and A2:2003)
Gas Fired Heating Boilers with Outputs up to 70 kW	Construction and Performance Tests*	BS EN 297:1994 (Amendment prA2:1996) Sections 3.7 and 4.7 only BS EN 303-3:1999 Sections 5.4 and 6.4 only BS EN 483:1999 (inc Amendment A4:2007) Sections 6.7 and 7.6 only
Gas fired storage water heaters for the production of domestic hot water	Efficiency test	BS EN 89:2000 clause 8.1
Independent Gas Fired Convection Heaters	Construction and Performance Tests*	BS EN 613:2001 (incorporating Amnd 1) (B and C1 type appliances)



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Gas-fired convection air heaters for non-domestic space heating not exceeding net heat input of 300 kW, incorporating a fan to assist transportation of combustion air and/or combustion products.	Efficiency test	BS EN 1010:1998 Clause 6.4
Oil-fired forced convection air heaters - stationary and transportable for space heating	Efficiency Measurement (by losses method)	BS EN 13842:2004 Clause 5.6
Independent Gas Fired Flueless Space Heaters for nominal heat input not exceeding 6 kW	Construction and Performance Tests*	BS EN 14829:2007
Decorative Fuel Effect Gas Appliances	Construction and Performance Tests*	BS EN 509:2000 (incorporating Amnds 1 & 2)
Barbecues for outdoor use - Liquefied petroleum gas appliances	Construction and Performance Tests*	BS EN 498:1998
Wood Pellet Fired Residential Space Heating Appliances	Construction and Performance Tests*	BS EN 14785:2006 (excluding Clause A.4.9.3)
Solid Fuel Fired Residential Independent Boilers with Outputs up to 50 kW	Construction and Performance Tests*	BS EN 12809:2001 (inc Amd 1)
Solid Fuel Fired Residential Cookers	Construction and Performance Tests*	BS EN 12815:2001 (inc Amd 1) (excluding Clauses A.4.15 and A.4.18)
Solid Fuel Fired Inset Appliances including Open Fires	Construction and Performance Tests*	BS EN 13229:2001 (inc Amds 1 and 2) (excluding Kachelöfen or Putzöfen appliances, and Clauses A.4.9.4, A.4.9.6 and A.4.10)



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Solid Fuel Fired Roomheaters	Construction and Performance Tests*	BS EN 13240:2001 (inc Amd 2) (excluding Clauses A.4.9.3 and A.4.9.5)
Solid Fuel fired heating boilers, hand and automatically fired, nominal heat output of up to 300 kW	Construction and Performance Tests*	BS EN 303-5:1999 (excluding clauses 4.1.2, 4.1.3, 4.1.4, 5.4 and 5.5)
Household or similar electrical appliances	Electrical Safety Specification for safety of household and similar electrical appliances (General Requirements)	BS EN 60335-1:1995 (inc Amendments A1, A2, and A11 to A16) (excluding Clauses 13.2 (3-phase applications), 15.1 (ingress, other than IPX3 and IPX4), 17 (overload), 19.11 (electronic circuits), 22.11, 22.16, 22.3, & 22.32 (construction), 23.3 (flexing), 24 (components), 25.14 (flexing), 30.2 (glow wire), and 30.3 (tracking)) BS EN 60335-1:2002 (inc Amendments A1, A2, A11, and A12) (excluding Clauses 13.2 (3-phase applications), 14 (transient overvoltage), 15.1 (ingress, other than IPX3 and IPX4), 17 (overload), 19.11 (electronic circuits), 21.2 (scratch), 22.3, 22.11, 22.16, 22.32, 22.46, 22.47, & 22.48 (construction), 23.3 (flexing), 24 (components), 25.14 (flexing), 29.2 (tracking), and 30.2 (glow wire))
Room Heaters		BS EN 60335-2-30:2003 (inc Amendments A1 and A2, but excluding portable fan heaters) (excluding Clauses 21.1 (2.0j impact) and 22.110 (insulation thickness))



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Electrical equipment of non-electrical appliances for household and similar purposes		BS EN 60335-2-102:2006 (excluding Clauses 8.101 & 16.3 (spark ignition))
*The above tests exclude in each case: Quality of Materials; Quality of Welding; Pressure Testing of Boiler; Testing of Screw Threads; Quality of Vitreous Enamel Finish; Measurement of Thickness of Enamelled Components; Dress Guard Testing.		
	END	