

ACS.CENWAT SAFETY ASSESSMENT CRITERIA INITIAL & RE-ASSESSMENT. DOMESTIC NATURAL GAS AND LPG CENTRAL HEATING/HOT WATER BOILERS AND CIRCULATORS, COMBINATION BOILERS, STORAGE WATER HEATERS AND INSTANTANEOUS WATER HEATERS

CENWAT INITIAL & RE-ASSESSMENT

Introduction

Tests gas safety competence to install, exchange, commission, disconnect, service, repair and breakdown of domestic gas fired central heating/hot water boilers and circulators, combination boilers, storage water heaters and instantaneous water heaters of heat input \leq 70 kW.

CBs may adopt Competence and Criteria numbering different to that given in this document.

CB documentation may adopt wording for criteria different to that used in this document, provided the meaning is unaffected.

Appliance range

Open flue and balanced flue (natural draught and fan assisted) for all appliance types and flueless instantaneous water heaters including:

- Stirling engine micro-generation appliances.
- Appliances designed to be installed to BS6798 that are providing heating to swimming pools by means of an indirect heat exchanger.

This Assessment does not address certain LPG water heater models specifically designed for the LPG Sector, and addresses only those models that can be installed fully in accordance with BS 5546 and/or BS 6798.

Pre-requisites

CCN1 (taken since April 2012) OR equivalent change over elements) or QCF or S/NVQ.

Exclusions

Installation, servicing or repair of hot or cold water supplies to or from the appliance, cold water tanks, water taps to sinks/baths, showers, hot water cylinders, radiators, water valves, associated plumbing systems equipment, the penetration of building fabric, opening of voids, lifting of flooring, electricity.

Swimming pool boilers covered by HWB1.

References and normative documents

Appliance MIs.

All relevant documents as listed in the Legislative, Normative & Informative Document List (LINDL), Inc.:

- HSL56
- BS 6798
- BS 5546
- BS 7967
- GIUSP TB 021; TB013.
- TB143
- IGEM/UP/17

ACS.SMB. 003.ACDND identifies Normative Documents that should be held by ACs.

Abbreviations

AC. Assessment Centre I. Initial MIs. Manufacturer's/manufacturers' instructions OP. Operating pressure Ref. Reference.

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1. check appliance assembly complete and fit for use and purpose to MI's and Normative Documents 2. isolate gas supply prior to work 3. check the ventilation for the appliance is correct 4. seal appliance correctly to room-sealed fanned draught chimney configuration 5. re-establish gas supply 6. check work carried out is gas tight 7. ensure appliance is correctly located, level and stable 8. dismantle and clean appliance operational gas safety components, e.g. burners, primary air ports, combustion chambers and flue ways (serviced and maintained), using appropriate cleaning methods and agents, to MIs 9. commission appliance: (i) (ii) check by/heat input at the appliance is correct (iii) (iii) check user controls are operating correctly (v) (v) check temperature controls are operating correctly (vii) (vii) sale to give correct temperature rise and output (using a combination boiler or instantaneous water heater) (i) 10. check air/gas ratio setting is correct (ii) (vii) sale operation and use of appliance (ii) 11. recognise defects on gas safety components (see PPs clause 2 (iv	REF	Ι	R
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