



TECHNICAL NOTE 8

This guidance note is one of a series produced by the Hertfordshire Building Control Technical Forum

Commissioning of Heat Producing Appliances

A guide to ensuring the safe installation of gas, oil and solid fuel fired heating appliances. It includes a checklist and a certificate for submission to the Building Control Authority in accordance with Approved Document J 2002 of the Building Regulations

I/We the undersigned confirm that the details overleaf are correct. In my opinion, these works comply with the relevant requirements in Part J of Schedule 1 to the Building Regulations.

Print name and title Profession
Capacity Tel no
Address Postcode.....

Signed Date

Registered membership of
(e.g.CORGI,OFTEC,HETAS,NACE,NACS).....
Membership Number

HTF NOTE 8

BUILDING REGULATIONS 2000 PART J

INSTALLATION CHECKLIST FOR HEARTH, FIREPLACES, FLUES AND CHIMNEYS

Completed copies of this checklist should be offered to your client and the Building Control Authority to demonstrate that the work that you have carried out complies with the requirements of Part J. Use one checklist for each hearth, fireplace, flue or chimney.

<p>1. Building Address where the work has been carried out</p> <p>.....</p> <p>.....</p>	
<p>2. Identification of hearth, fireplace, chimney or flue.</p>	
<p>3. Firing capability: solid fuel/gas/oil/all.</p>	
<p>4. Intended type of appliance. State type or make. If open fire give finished fireplace opening dimensions.</p>	
<p>5. Ventilation provisions for the appliance: State type, area and locations of permanently open air vents.</p>	
<p>6. Chimney or flue construction</p> <p>a) State the type or make and whether new or existing.</p> <p>b) Internal flue size (and equivalent height, where calculated – natural draught gas appliances only).</p> <p>c) If clay or concrete flue liners used confirm they are correctly jointed with socket end uppermost and state jointing materials used.</p> <p>d) If an existing chimney has been refurbished with a new liner, type or make of liner fitted.</p> <p>e) Details of flue outlet terminal and diagram reference. Outlet Detail: Complies with:</p> <p>f) Number and angle of bends.</p> <p>g) Provision for cleaning and recommended frequency.</p>	
<p>7. Hearth. Form of construction. New or existing?</p>	
<p>8. Inspection and testing after completion Tests carried out by: Tests (Appendix E in AD J 2002 edition) and results</p> <p>Flue Inspection { visual sweeping Coring ball Smoke Appliance (where included) spillage</p>	
<p>9. Confirm provision and location of durable notice plate (see diagram 1)</p>	

	Example 1	Example 2	Example 3
2.	Lounge fireplace	Gas fire to master bedroom	Utility room boiler
3.	All	Gas only	Oil only
4.	Open fire 480mm wide x 560mm high	'Firemaster Beacon' radiant convector fire – 6kW input	'Glowman' 18kW output {pressure jet}
5.	2No through wall vents each of 10,000mm ² .	None fitted	Vents to outside 9,900mm ² . top and 19,800mm ² bottom
6.	a) New – brick with clay liners to BSEN145 b) 225mm dia c) Sockets uppermost – fire cement joints d) Not applicable. e) Redsons Ltd louvred pot 200mm dia. As diagram 2.2 AD J f) 2 x 45° g) sweep annually via fireplace opening	a) Existing masonry b) 125mm dia. c) Not Applicable d) 'Flexex' flexible metal liner e) 125mm dia GC1 terminal As BS5440-1:2000 Fig C.1 f) 2 x 45° g) Annual service by CORGI engineer	a) s/steel prefab to BS4543 Higsons 'Supaflye' b) 127mm dia. c) Not Applicable d) Not applicable e) Makers recommended terminal As diagram 4.2 AD J f) 1 x 90° Tee g) Sweep annually via base of tee and via appliance
7.	New – tiles on concrete floor 125mm thick as diagram 2.9 AD J	Existing – hearth for solid fuel fire with fender	New – solid floor min 125mm Concrete as diagram 4.3 AD J
8.	Inspected and tested by A.Pears of Pearson Construction Ltd. Not possible – bends OK OK OK Not included	Tested by A.Pearson of ALP Ga Services Not possible – bends N.A N.A N.A OK	Tested by A.Pearson of ALP Heating Co Checked to section 10, BS7566: Part 3:1992 – OK OK OK
9.	By consumer unit	By consumer unit	By consumer unit

Approved Document J of the Building Regulations places a responsibility on a person who carries out work related to combustion installations. The “person” may be a specialist firm directly engaged by a client or a developer or main contractor who has engaged a sub contractor to do the work.

Such a person is responsible for ensuring that they use materials and components which are appropriate for the intended application and to ensure compliance with the Clean Air Act and any local requirements. As part of the commissioning procedure, it is necessary to carry out appropriate inspections and tests to ensure the safe operation of the appliance. Further guidance on such testing is contained in Appendix E to the Approved Document.

It is the policy of Building Control Authorities in Hertfordshire to require that installers provide them with a commissioning checklist for works including the installation or modification of a combustion appliance or its associated flue. The purpose of this guide is to provide a form for this purpose as well as giving examples of the method of completing it.

For further advice contact your Local Authority Building Control Section.

Example of a typical notice plate:

Diagram 1.9: Example notice plate for hearths and flues

<i>Essential information</i>	IMPORTANT SAFETY INFORMATION	
	This label must not be removed or covered	
<i>Optional additional information</i>	Property address	20 Main Street New Town
	The hearth and chimney installed in the	lounge
	are suitable for	decorative fuel effect gas fire
	Chimney liner	double skin stainless steel flexible, 200mm diameter
	Suitable for condensing appliance	no
	Installed on	date
	Other information (optional)	Designation of stainless steel liner stated by manufacturer to be T450 N2 S D 3
	<i>e.g. installer's name; product trade names, installation and maintenance advice, European chimney product designations, warnings on performance limitations of imitation elements e.g. false hearths.</i>	