

TGD J – Heat Producing Appliances 2014

Locations of Chimney on Buildings and to other Buildings Designer requirements

Date 30th January 2020



TGD J - The Requirement

Protection of building. J3

A heat producing appliance and any flue pipe shall be so designed and installed, and any fireplace and any chimney shall be so designed and constructed, as to reduce to a reasonable level the risk of the building catching fire in consequence of its use.

Section 1

Provisions which apply to all fuel types

1.4.7 Location of flue outlets: The location of flue terminals specific to the fuel type being used is given in Sections 2, 3 and 4 as appropriate. The outlet from an open-flued, natural draught appliance, for residential heating, (or comparable applications), located on a roof adjacent or adjoining a higher building should terminate above the prohibited zone as shown in Diagram 2 irrespective of the fuel type.

1.8 Notice plates for hearths and flues¹

1.8.1 Where a hearth, fireplace (including a flue box), flue or chimney is provided (including cases where a flue is provided as part of the refurbishment work), a notice plate containing key information essential to the correct application and use of these facilities should be permanently posted in the building. The information should include the following:

- (a) the location of the hearth, fireplace (or fluebox) or the location of the beginning of the flue;
- (b) **the category of the flue and generic types of appliances that can be safely accommodated;**
- (c) **the type and size of the flue** (or its liner if it has been relined) and the manufacturer's name (where applicable);
- (d) the installation date and the installers name and registration number (where applicable).

1.10 User information²

1.10.1 The owner of the building should be provided with sufficient clear and comprehensive information on any continuing maintenance required to facilitate the effective operation of the heating system or systems in order to protect the health and safety of the building occupants.

Note: Where there is a heat producing appliance there must be a Carbon Monoxide Alarm³

¹ Regulation: **J4(a) Provision of information.** Where a hearth, fireplace, flue or chimney is provided or extended, a durable notice containing information on the type of heat producing appliance which can be safely served by the hearth, fireplace, flue or chimney shall be affixed in a suitable place in the building.

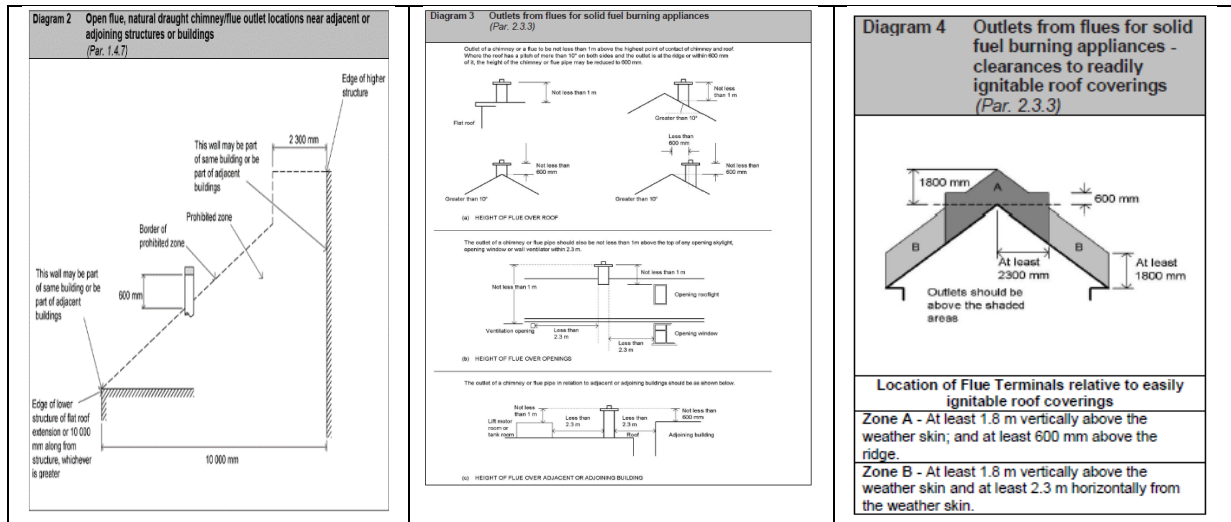
² Regulation: **J4(b) Provision of information.** Information on the system installed and any continuing maintenance required, to ensure its safe and effective operation and avoid risk to health, shall be provided to the owner.

³ Regulation: **J2(b) Warning of release of Carbon Monoxide.** Reasonable provision shall be made to avoid danger to the health and safety of the occupants of a dwelling caused by the release of carbon monoxide from heat producing appliances.

Section 2

Additional provisions for solid fuel burning appliances (including solid biofuel) with a rated output up to 50kW.

2.3.3 Location of flue outlets: The outlet from a flue should be positioned above the roof of a building as shown in Diagram 3. Where flues discharge on or near roofs with surfaces which are readily ignitable, such as thatch or shingle roofs, the clearance between flue and roof, the clearance between flue and roof should be increased (see Diagram 4)



Ref: Diagram 2, 3 and 4



Ref: Samples of Non-Compliance

Diagram 2: Non-Compliance Flue outlet in the Prohibited Zone.

Diagram 3: The required flue height over adjacent or adjoining building not achieved.

Diagram 4: Flue height not achieved (Ref. Table 4.3 In Part B Vol.2 Dwelling Houses 2017 for designation of covering of roof - European / National Class)

Additional Guidance can be found in EN 15287-1:2007+A1:2010 Annex M (informative)
Location of the chimney outlet.
