

## SECTION 3 APPLIANCE INSTALLATION

### 3.1 GENERAL

Installation of an appliance or modification of an existing installation shall be in accordance with this Standard and when required the installation shall be approved by the regulatory authority.

NOTES:

- 1 The appliance should be assembled and installed in accordance with the manufacturer's instructions. All manufacturer's installation, operation, and maintenance instructions supplied with the appliance should be left with the appliance after work on the installation has been completed.
- 2 Appliances altered in any way from the original specification are considered to be an 'untested' appliances for purposes of installation. (See Section 5.)

### 3.2 CLEARANCES AND HEAT SHIELDING

#### 3.2.1 Access clearances

To provide the user with access to the appliance, the clearance between any part of the appliance and any adjacent fixed surface or object shall be not less than the following:

- (a) For the appliance front surface ..... 1 m.  
The clearance specified is applicable when any door or drawer is in its closed position with respect to the appliance surface.
- (b) For any appliance surface (other than the appliance front surface) which includes an opening for fuelling or ash removal, or to which regular access by the user is otherwise necessary ..... 500 mm.  
The clearance specified is applicable when any door or drawer is positioned at its fullest extent of protrusion from the appliance surface.
- (c) For any part of the appliance (other than the surfaces described in Items (a) and (b) above) to which only hand access, occasional user access, or maintenance access is necessary ..... 100 mm.  
The clearance specified is applicable when any knob or control is positioned at its fullest extent of protrusion from the appliance surface.

#### 3.2.2 Safety clearance

Subject to the requirements of Clauses 3.2.1 and 3.4, and unless otherwise reduced by the provision of heat shielding (see Clause 3.2.3), the minimum clearance between any part of the appliance and any heat-sensitive material shall be one of the following as appropriate:

- (a) Where a sample installation (or prototype installation) has been tested in accordance with Appendix B . . . a clearance where the temperature rise of any surface of the test enclosure does not exceed the temperatures specified in Appendix B (see Notes) during the high fire or flash fire tests, whichever is applicable.
- (b) Where a sample installation (or prototype installation) has not been tested in accordance with Appendix B . . . A ceiling of not less than 1500 mm vertically above the appliance or 1200 mm in any other direction (see Notes).

NOTES:

- 1 Clearances specified are valid for commonly used building materials only. Materials with abnormally high heat-sensitivity, e.g. plastics materials, may necessitate an increase in specified clearances.
- 2 Consideration should also be given to the proximity of window drapes and curtains. These should be restrained to maintain the minimum clearances for heat sensitive materials.

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