

SCHEDULE 1

Part to be substituted for Part F (Conservation of fuel and power) of the principal Regulations

Part F

Conservation of fuel and power

Application and interpretation

F1.—(1) Subject to paragraphs (2) and (3) this Part shall apply to any building and, where a building contains one or more dwellings, to each dwelling separately.

(2) Regulations F2, F3 and F4 shall not apply to a building or part of a building other than a dwelling which—

- (a) in the case of a building used for industrial or storage purposes — is unheated or has a space heating system with a design output rating not exceeding 50 W per square metre of floor area; or
- (b) in the case of any other building — is unheated or has a space heating system with a design output rating not exceeding 25 W per square metre of floor area.

(3) Regulation F3 shall apply to any building or part of a building other than an extension to—

- (a) a dwelling; or
- (b) a building other than a dwelling, where the extension has a total useful floor area of—
 - (i) 100 m² or less; and
 - (ii) 25% or less of the total useful floor area of the existing building.

(4) In this Part—

BER means the Building carbon dioxide Emissions Rate measured in kilograms of carbon dioxide per square metre of floor area per year;

DER means the Dwelling carbon dioxide Emissions Rate measured in kilograms of carbon dioxide per square metre of floor area per year;

DWELLING means a house, flat or maisonette which is a self-contained unit designed to be used solely to accommodate a single household;

FIXED BUILDING SERVICE means any part of, or any controls associated with—

- (a) fixed internal or external lighting systems, but does not include emergency escape lighting or specialist process lighting; or
- (b) fixed systems for heating, hot water service, air conditioning or mechanical ventilation;

NATIONAL CALCULATION METHODOLOGY means—

- (a) in relation to a dwelling — SAP;
- (b) in relation to a building other than a dwelling—
 - (i) SBEM;
 - (ii) IES “Virtual Environment” software, version 5.5; or
 - (iii) EDSL TAS software, version 9.0.9;

PIPES, DUCTS AND STORAGE VESSELS means any pipe, any duct and any storage vessel in a space heating or space cooling system which is intended to carry a heated or chilled liquid or gas, and includes associated fittings;

Status: This is the original version (as it was originally made).

SPACE HEATING SYSTEM does not include a system or that part of a system which heats or stores water solely for a commercial or industrial process;

TER means the Target carbon dioxide Emissions Rate measured in kilograms of carbon dioxide per square metre of floor area per year; and

TOTAL USEFUL FLOOR AREA means the total area of all enclosed spaces measured to the inside face of the external walls, that is, the gross floor area, and in the case of sloping surfaces such as staircases, galleries, raked auditoria and tiered terraces shall be taken as their area on plan but shall exclude areas that are not enclosed such as open floors, covered ways and balconies.

Conservation measures

F2 Reasonable provision shall be made for the conservation of fuel and power in any building by—

- (a) limiting heat gains and losses—
 - (i) through thermal elements and other parts of the building fabric; and
 - (ii) from pipes, ducts and storage vessels;
- (b) providing energy efficient fixed building services with effective controls; and
- (c) commissioning the energy efficient fixed building services prior to the completion of the building work.

Target carbon dioxide Emissions Rate

F3.—(1) Without prejudice to the requirements of regulation F2, where a building is to be erected a Target carbon dioxide Emissions Rate (TER) for that building shall be calculated using a National Calculation Methodology.

(2) The building shall be so designed and constructed as not to exceed its calculated Target carbon dioxide Emissions Rate (TER).

Provision of information

F4 Reasonable provision shall be made to ensure that the owner of the building is provided with sufficient information about the building, the fixed building services and their maintenance requirements so that the building can be operated and maintained to maximise its design potential for the conservation of fuel and power.

Deemed-to-satisfy provisions for regulations F2, F3 and F4

F5.—(1) *The requirements of regulation F2 shall be deemed to be satisfied, in the case of a building specified in column (2) of Table F opposite the reference to that regulation, if—*

- (a) *the heat gains and losses through thermal elements and other parts of the building fabric and from pipes, ducts and storage vessels are limited in accordance with the relevant provisions of the publications specified opposite thereto in column (3), as amended by the publications specified opposite thereto in column (4); and*
- (b) *energy efficient fixed building services with effective controls are provided and commissioned in accordance with the relevant provisions of the publications specified opposite thereto in column (3), as amended by the publications specified opposite thereto in column (4).*

(2) *The requirements of regulation F3 shall be deemed to be satisfied, in the case of a building specified in column (2) of Table F opposite the reference to that regulation, if—*

- (a) *a Target carbon dioxide Emissions Rate (TER) for the building is calculated using an approved National Calculation Methodology in accordance with the relevant provisions of the publications specified opposite thereto in column (3), as amended by the publications specified opposite thereto in column (4); and*
 - (b) *the building as erected does not exceed its calculated Target carbon dioxide Emissions Rate (TER) when checked in accordance with the relevant provisions of the publications specified opposite thereto in column (3), as amended by the publications specified opposite thereto in column (4).*
- (3) *The requirements of regulation F4 shall be deemed to be satisfied in the case of a building specified in column (2) of Table F opposite the reference to that regulation, if the information provided is in accordance with the relevant provisions of the publications specified opposite thereto in column (3), as amended by the publications specified opposite thereto in column (4).*