

1991 No. 169

BUILDING REGULATIONS

Building (Amendment) Regulations (Northern Ireland) 1991

Made 22nd April 1991

Coming into operation—

regulation 5(9)

1st June 1991

remainder

1st July 1991

The Department of the Environment, in exercise of the powers conferred by Articles 3, 5(1), (2) and (3), 15(2) and 18C(1)(a) of, and paragraphs 4, 6, 9, 12, 13, 17, 18, 20, 21 and 22 of Schedule 1 to, the Building Regulations (Northern Ireland) Order 1979(b) and now vested in it(c) and of every other power enabling it in that behalf, after consultation with the Building Regulations Advisory Committee and such other bodies as appear to the Department to be representative of the interests concerned, hereby makes the following regulations:—

PART I

GENERAL AND TRANSITIONAL

Citation and commencement

1.—(1) These Regulations may be cited as the Building (Amendment) Regulations (Northern Ireland) 1991 and except for regulation 5(9) shall come into operation on 1st July 1991.

(2) Regulation 5(9) shall come into operation on 1st June 1991.

Interpretation

2. In these Regulations “the principal Regulations” means the Building Regulations (Northern Ireland) 1990(d).

Transitional provisions

3.—(1) Subject to paragraph (2) the principal Regulations shall apply to:—

(a) plans deposited in accordance with the principal Regulations before 1st July 1991;

(b) work carried out in accordance with such plans with or without any departure or deviation from those plans; and

(c) work completed before that date,

as if the amendments effected by these Regulations had not been made.

(a) Article 18C was inserted by Article 36 of S.I. 1990/1510 (N.I. 14)

(b) S.I. 1979/1709 (N.I. 16) as amended by S.I. 1990/1510 (N.I. 14)

(c) By S.I. 1982/338 (N.I. 6) Art. 5 and Sch. 1 Part II

(d) S.R. 1990 No. 59

(2) Regulation A16(1) of the principal regulations shall apply to—

- (a) plans deposited in accordance with the principal Regulations before 1st June 1991;
- (b) work carried out in accordance with such plans with or without any departure or deviation from those plans; and
- (c) work completed before that date,

as if the amendment effected by regulation 5(9) had not been made.

(3) For the purpose of paragraph (1) “work” means the erection of a building, the alteration or extension of a building, the execution of works, the installation of a fitting or the making of a material change of use.

PART II

AMENDMENT OF PRINCIPAL REGULATIONS

4. The principal Regulations shall be amended as provided in regulations 5 to 18.

Amendment of Part A (Interpretation and General)

5.—(1) In paragraph (1) of regulation A2 (Interpretation) the words “generation or” shall be inserted immediately before the words “supply of electricity” in the definition of statutory undertaking.

(2) In regulation A5 (Exemptions)—

(a) in paragraph (3)(b)—

- (i) in head (ii) (B) for the reference “regulations M3(e) or M4(2)” there shall be substituted the reference “regulation L2(1) and (2)” and for “waste water” there shall be substituted “foul water”;
- (ii) for head (ii) (D) there shall be substituted:—

“(D) (in the case of a greenhouse or conservatory) has a ventilation opening or trickle ventilator, or both, of sufficient size to comply with the requirements of regulation K2(3); and

(E) is so situated or designed as not to enclose any opening provided for the purposes of regulation K2(1A)(b) (except head (ii) or (c).”;

(b) in paragraph (4)(b) for the reference “Parts C to L.” there shall be substituted the reference “Parts C to K and regulations L2(2) and (3) and L7”.

(3) In regulation A6 (Application to erection of buildings) for the reference “Parts A to L, regulation M15 and Part R” there shall be substituted the reference “Parts A to K, regulations L2(2) and (3) and L7 and Part R”.

(4) In regulation A7 (Application to alterations and extensions)—

(a) in paragraph (1) for the words from “Subject to” to “shall apply to” there shall be substituted the words “Subject to the provisions of paragraphs (4) and (5) and regulation A5, Parts A to K, regulations L2(2) and (3) and L7 and Part R shall apply to”; and

(b) after paragraph (4) there shall be inserted the following paragraph:—

“(5) Part R shall only apply to—

- (i) the alteration or extension of a storey, the floor of which is at any point at or about the level of the finished surface of the ground adjoining the building;
- (ii) the alteration or extension of any other storey where Part R of Building Regulations applied to that storey when it was erected; and
- (iii) the vertical extension of an office or shop where Part R of Building Regulations applied to the uppermost storey of the existing building, when it was erected.”.

(5) In regulation A8 (Application to works and fittings)—

- (a) for the reference “regulations A5, S1 and T1” there shall be substituted the reference “regulation A5”;
- (b) after the entry commencing “In Part B” there shall be inserted the entry “In Part F (Conservation of fuel and power) regulations F4 and F6”;
- (c) for the entry “Part M (Heat-producing appliances and incinerators)” there shall be substituted the entry “In Part L (Heat-producing appliances and liquefied petroleum gas installations) regulations L2(1), L4 and L5”;
- (d) the entries, “Part S (Thermal insulation of pipes, ducts and storage vessels)” and “Part T (Control of space and water heating systems)” shall be omitted.

(6) In regulation A9 (Application to material change of use)—

- (a) in Case A for the entry commencing “In Part L” to the end there shall be substituted the entry “In Part L (Heat-producing appliances and liquefied petroleum gas installations) regulations L2(2) and (3).”;
- (b) in Case B—
 - (i) for the entry “Part J (Refuse disposal)” there shall be substituted the entry “Part J (Solid waste in buildings)”;
 - (ii) for the entry commencing “In Part L” to the end there shall be substituted the entry “In Part L (Heat-producing appliances and liquefied petroleum gas installations) regulations L2(2) and (3).”;
- (c) in Case D—
 - (i) for the entry “Part J (Refuse disposal)” there shall be substituted the entry “Part J (Solid waste in buildings)”;
 - (ii) for the entry commencing “In Part L” to the end there shall be substituted the entry “In Part L (Heat-producing appliances and liquefied petroleum gas installations) regulations L2(2) and (3).”.

(7) In regulation A10 (Giving of notices and deposit of plans)—

(a) in paragraph (3)—

- (i) for sub-paragraph (a) there shall be substituted the following sub-paragraph:—

- “(a) the installation of a heat-producing appliance to which Part L relates by way of replacement of an existing heat-producing appliance if compliance with the relevant regulations in the Part does not require the carrying out of any structural work; or”; and
- (ii) sub-paragraph (b) shall be omitted;
- (b) for paragraph (4) there shall be substituted the following paragraph:—
- “(4) In paragraph (3)(a) “heat-producing appliance” has the same meaning as in Part L.”; and
- (c) in paragraph (5) for the reference “Part S” there shall be substituted the reference “Part F”.
- (8) In regulation A14 (Exercise of power of dispensation or relaxation)—
- (a) for the entry “Part F (Thermal insulation of dwellings)” there shall be substituted the entry “Part F (Conservation of fuel and power)”;
- (b) the entry “Part FF (Conservation of fuel and power in buildings other than dwellings)” shall be omitted;
- (c) for the entry “Part J (Refuse disposal)” there shall be substituted the entry “Part J (Solid waste in buildings)”;
- (d) for the entry “Part L (Chimneys, flue pipes, hearths and fireplace recesses)” there shall be substituted the entry “Part L (Heat-producing appliances and liquefied petroleum gas installations)”;
- (e) the entry “Part M (Heat-producing appliances and incinerators)” shall be omitted.
- (f) the word “and” shall be inserted at the end of the entry beginning “Part P”;
- (g) a colon shall be inserted at the end of the entry beginning “Part R”;
- and
- (h) the entries “Part S (Thermal insulation of pipes, ducts and storage vessels) and” and “Part T (Control of space and water heating systems):” shall be omitted.
- (9) In regulation A16(1) (Appeals and prescribed periods)—
- (a) for the words “Articles 16 or 17” there shall be substituted the words “Articles 16, 17 or 18B”; and
- (b) for sub-paragraphs (a) to (c) there shall be substituted the following sub-paragraphs:—
- “(a) that there is a right of appeal;
- (b) where the decision relates to a contravention notice, that in addition to a right of appeal against the service of the notice, there is also a right to obtain a report under Article 18A of the Building Regulations (Northern Ireland) Order 1979 in respect of the notice and the periods within which he may notify the district council of his intention to obtain such a report and (where he has obtained it) submit it to the council;
- (c) the prescribed period within which the appeal may be made; and
- (d) the requirements of paragraph (2).”.

Amendment of Part E (Structural fire precautions)

6. In proviso (ii) of regulation E9(6) (Compartment walls and compartment floors) for the words “purpose group IV, V, VII, or VIII” there shall be substituted the words “purpose group IV, V, VI, VII or VIII”.

Amendment of Part EE (Means of escape in case of fire)

7. In regulation EE3 (Deemed-to-satisfy provisions for the provision of means of escape) for references (c) and (d) there shall be substituted the following references:—

“(c) a shop—

BS 5588: Part 2: 1985: Sections 1 (except Clauses 1 and 3), 2, 3, 4 and 5 (except Clauses 13.1, 14.1 to 14.4 and 23); and

BS 5588: Part 8: 1988: Sections 1 (except Clauses 1 and 3), 2, 3 and 4 (except Clause 12); or

(d) an office—

BS 5588: Part 3: 1983: Sections 1 (except Clauses 1 and 3), 2, 3, 4 and 5 (except Clauses 12.1, 13.1 to 13.4 and 22); and

BS 5588: Part 8: 1988: Sections 1 (except Clauses 1 and 3), 2, 3 and 4 (except Clause 12),”.

Substitution of Part F (Thermal insulation of dwellings)

8. For Part F there shall be substituted the Part set out in Schedule 1.

Revocation of Part FF (Conservation of fuel and power in buildings other than dwellings)

9. Part FF shall be omitted.

Substitution of Part J (Refuse disposal)

10. For Part J there shall be substituted the Part set out in Schedule 2.

Amendment of Part K (Ventilation)

11.—(1) In regulation K1 (Interpretation)—

(a) before the definition for “COMMON SPACE” there shall be inserted the following definition:—

“BATHROOM means a room containing a bath or shower whether or not it also contains other sanitary appliances;” and

(b) the “and” following the definition of “TOP OF THE WALL” shall be omitted; and the following definition inserted thereafter:—

“TRICKLE VENTILATOR means a small adjustable ventilation opening the sole purpose of which is to provide controllable background ventilation; and”.

(2) In regulation K2 (Means of ventilation)—

(a) after paragraph (1) there shall be inserted:—

“(1A) In any building—

- (a) a habitable room ventilated in accordance with paragraph 1(a) shall in addition be provided with one or more trickle ventilators having a total area of not less than 4,000 mm²;
- (b) a kitchen shall be provided with mechanical ventilation, discharging to the external air and capable of extracting air at a rate of not less than 60 litres per second or, when incorporated in a cooker hood, 30 litres per second and either—
 - (i) mechanical ventilation, discharging to the external air and capable of operating continuously at a rate of not less than 1 air change per hour; or
 - (ii) one or more trickle ventilators having a total area of not less than 4,000 mm²; and
- (c) a bathroom shall be provided with mechanical ventilation, discharging to the external air, and capable of extracting air at a rate of not less than 15 litres per second.”.

(b) for paragraph (3) there shall be substituted the following paragraph:—

“(3) A room opening into an enclosed verandah, greenhouse, conservatory or similar place shall be deemed to comply with the provisions of—

- (a) paragraph (1)(a) if the room and the enclosed place together have one or more ventilation openings which, if they ventilated a room having a floor area equal to the combined floor area of the room and the enclosed place, would comply with the requirements of that paragraph; and
- (b) paragraph (1A)(a) or (1A)(b)(ii) if the enclosed place has one or more trickle ventilators which comply with the requirements of those paragraphs.”.

(3) In the Table to regulation K2—

- (a) the asterisk in the title and the associated note shall be omitted;
- (b) in column (2) the word “kitchen” shall be omitted in both places where it appears;
- (c) in column (4) an asterisk shall be inserted after the figure “3” in both places where it appears; and
- (d) the following note shall be inserted in the Notes to Table:—

“*The system may operate intermittently provided that it shall be capable of operating continuously while the room or space is in use and for a period of not less than 15 minutes after use ceases.”.

(4) In regulation K3 (Ventilation openings on to courts) in paragraphs (1) and (2) for the reference to “regulation K2” there shall be substituted in each case the reference “regulation K2(1)(a)”.

Substitution of Part L (Chimneys, flue pipes, hearths and fireplace recesses)

12. For Part L there shall be substituted the Part set out in Schedule 3.

Revocation of Part M (Heat-producing appliances and incinerators)

13. Part M shall be omitted.

Amendment of Part P (Sanitary appliances and unvented hot water storage systems)

14.—(1) In regulation P5(1) (Unvented hot water storage systems)—
 (a) for sub-paragraph (a) there shall be substituted the following sub-paragraph:—

“(a) has a capacity greater than 15 litres; and”;

(b) sub-paragraph (b) shall be omitted.

(2) For regulation P6 (Deemed-to-satisfy provision for an unvented hot water storage system) there shall be substituted the following regulation:—

“**P6 Deemed-to-satisfy provision for an unvented hot water storage system**

The requirements of regulation P5(2) shall be deemed to be satisfied in the case of an unvented hot water storage system which—

(a) has a capacity not greater than 500 litres; and

(b) a heat input not greater than 45 kW,

if the system is manufactured and installed in compliance with a certificate issued by the British Board of Agrément under MOAT 38: 1986.”

Amendment of Part R (Facilities for disabled people)

15.—(1) In regulation R1(1) (Application and interpretation) for sub-paragraph (a) there shall be substituted the following sub-paragraph:—

“(a) buildings which fall within purpose groups IV (Office) and V (Shop);”.

(2) In regulation R1(2) for the definition of RELEVANT STOREY there shall be substituted the following definition:—

“RELEVANT STOREY means in the case of—

(a) buildings falling within purpose groups IV or V, any storey; or

(b) any other building, any storey the floor of which is at any point at or about the level of the finished surface of the ground adjoining the building,

but not any storey or part of a storey which is used solely as a machine room or for storage purposes or for the maintenance or repair of the building, its services or machinery.”.

(3) In regulation R2 (Provision of facilities for disabled people)—

(a) for paragraph (1) there shall be substituted the following paragraph:—

“(1) The means of access to a relevant storey in a building and access within any storey in which there are facilities for disabled people shall include provision for access by disabled people:

Provided that the requirements of this paragraph shall not apply to the means of access to or within a relevant storey which—

(a) is less than 200 m² in floor area;

(b) does not contain facilities for disabled people; and

- (c) is not at any point at or about the level of the finished surface of the ground adjoining the building;”
- (b) after paragraph (3) there shall be inserted the following paragraph:—
- “(4) For the purposes of paragraph (1) access by disabled people within a storey includes access to any wheelchair spaces or other facilities provided (whether in accordance with this regulation or otherwise) in that storey for such people.”.

Revocation of Part S (Thermal insulation of pipes, ducts and storage vessels)

16. Part S shall be omitted.

Revocation of Part T (Control of space and water heating systems)

17. Part T shall be omitted.

Amendment of Schedules

18.—(1) In Part A of Schedule 1 (Classes of partially exempted buildings)—

- (a) in column (4) of Classes 2, 3, 4, 5, 6 and 7 for “Part L” there shall be substituted “Regulations L2(2) and (3)”;
- (b) in column (5) of Classes 2, 3, 4, 5, 6 and 7 for “Part M” there shall be substituted “Regulation L2(1)”.

(2) In Schedule 2 (Giving of notices and deposit of plans)—

- (a) in Rule E for item 7 there shall be substituted the following item:—
- “7. Calculations for the purposes of regulation F2.”; and
- (b) in item 2 of Rule F the words “(other than those in Parts S and T)” shall be omitted.

(3) Schedule 6 (Thermal insulation of dwellings) shall be omitted.

(4) Schedule 7 (Conservation of fuel and power in buildings other than dwellings) shall be omitted.

(5) For Schedule 8 (Publications to which specific reference is made in the Building Regulations (Northern Ireland) 1990) there shall be substituted the Schedule set out in Schedule 4.

Sealed with the Official Seal of the Department of the Environment on
22nd April 1991.

(L.S.)

J. O'Neill

Assistant Secretary

Part to be substituted for Part F (Thermal insulation of dwellings) of the principal Regulations.

PART F

Conservation of fuel and power

F1 Application and interpretation

- (1) Subject to paragraph (2) this Part shall apply to any building and, where a building contains one or more dwellings, to each such dwelling separately.
- (2) Regulation F2 shall not apply to—
 - (a) an external wall, floor or roof of any part of a dwelling which consists of—
 - (i) a shed or store entered solely from outside; or
 - (ii) a boathouse, conservatory, garage or porch;
 - (b) a building, other than a dwelling, which has a floor area not exceeding 30 m², and
 - (c) a building or part of a building, other than a dwelling, which—
 - (i) in the case of a building 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
 - (ii) 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) In this Part—

SPACE HEATING SYSTEM and HOT WATER SUPPLY SYSTEM do not include a system or that part of a system which heats or stores water solely for a commercial or industrial process.

PIPES AND DUCTS means any pipe and any duct in a space heating system or hot water supply system which is intended to carry a heated liquid or gas, and includes associated fittings.

F2 Conservation of fuel and power

Reasonable provision shall be made in the fabric of the building, or as the case may be, of the dwelling for the conservation of fuel and power.

F3 Deemed-to-satisfy provision for conservation of fuel and power

The requirements of regulation F2 shall be deemed to be satisfied if the design and construction of the building or dwelling are in accordance with DOE(NI) Technical Booklet F: 1991: Section 1.

F4 Control of space heating and hot water supply systems

Reasonable provision shall be made in any building or, as the case may be, in any dwelling for the purposes of the conservation of fuel and power to—

- (a) regulate the output of a space heating system; and
- (b) limit the temperature of stored hot water in a hot water supply system, by means of automatic controls.

F5 Deemed-to-satisfy provision for control of space heating and hot water supply systems

The requirements of regulation F4 shall be deemed to be satisfied if the space heating system or hot water supply system is provided with controls which comply with DOE(NI) Technical Booklet F: 1991: Section 2.

F6 Insulation of pipes, ducts and hot water storage vessels

Reasonable provision shall be made to limit the heat loss from pipes, ducts and hot water storage vessels, other than that from a pipe or duct which is designed to contribute to the space heating of the space through which it passes.

F7 Deemed-to-satisfy provision for the insulation of pipes, ducts and hot water storage vessels

The requirements of regulation F6 shall be deemed to be satisfied if pipes, ducts and hot water storage vessels are insulated in accordance with DOE(NI) Technical Booklet F: 1991: Section 3.

Part to be substituted for Part J (Refuse disposal) of the principal Regulations

PART J

Solid waste in buildings

J1 Interpretation

In this Part—

INDIVIDUAL WASTE CONTAINER means a moveable container for the storage of waste from a single dwelling;

COMMUNAL WASTE CONTAINER means a moveable container for the storage of waste from more than one dwelling;

WASTE means solid waste; and

WASTE CHUTE SYSTEM means a system comprising of a hopper or hoppers, a waste chute, a waste container chamber and associated ventilation provisions.

J2 Solid waste storage

- (1) A building shall be provided with adequate space for the storage of waste in a container, and such space shall be—
 - (a) sited so as not to be prejudicial to the health of any person;
 - (b) sited so as to be reasonably accessible for use by people in the building in the storage of waste and for emptying or removing the container; and
 - (c) of sufficient capacity having regard to the quantity of waste and the frequency and method of removal.
- (2)
 - (a) Every dwelling on or below the fourth storey of a building shall have space for an individual waste container or access to a communal waste container or a waste chute system; and
 - (b) every dwelling above the fourth storey of a building shall have access to a waste chute system.

J3 *Deemed-to-satisfy provision for the siting of waste containers and waste chute systems*

The requirements of regulation J2(1)(b) shall be satisfied if, in the case of—

- (a) *a dwelling not served by a waste chute system— the waste container space is—*
 - (i) *a travel distance of not more than 30 m from the dwelling; and*

- (ii) *sited so that the waste container can be removed without being taken through that or any other building, other than a garage, car port or other open covered space; or*
- (b) *a dwelling served by a waste chute system— the siting complies with the relevant clauses of BS 5906: 1980 (1987).*

J4 Waste chute systems

A waste chute system shall—

- (a) be of such size, layout and construction as will ensure the hygienic conveyance of waste to a waste container;
- (b) be constructed of non-combustible materials;
- (c) have non-absorbent inner surfaces;
- (d) have adequate means of ventilation to the external air; and
- (e) be so constructed as to prevent the ignition of any part of the building in the event of any waste within the system catching fire.

J5 Deemed-to-satisfy provision for a waste chute system

The requirements of regulation J4 shall be deemed to be satisfied if the waste chute system complies with the relevant clauses of BS 5906: 1980 (1987).

Part to be substituted for Part L (Chimneys, flue pipes, hearths and fireplace recesses) of the principal Regulations

PART L

Heat producing appliances and liquefied petroleum gas installations

L1 Application and interpretation

(1) In this Part—

CHIMNEY means a structure (not being a flue pipe, but including a factory made insulated chimney) enclosing one or more flues, but does not include any chimney pot or other flue terminal.

FLUE means a passage which conveys the combustion products from an appliance to the external air.

FLUE-PIPE means a pipe forming a flue, but not a pipe fitted as a lining in a chimney.

HEAT-PRODUCING APPLIANCE means a fixed appliance (including a cooker) which—

- (a) is designed to burn solid fuel, gas, or oil; or
- (b) is an incinerator.

LIQUEFIED PETROLEUM GAS (hereinafter referred to as LPG) means commercial butane and commercial propane in accordance with BS 4250: Part 1: 1987.

LPG INSTALLATION means an LPG storage tank and pipework, fittings, supports and all other items required to enable liquefied petroleum gas to be conveyed from the storage tank to the heat-producing appliance; and

LPG STORAGE TANK means a fixed bulk storage tank or vessel which is used for the storage of liquefied petroleum gas and is designed to be re-filled in position.

- (2) (a) Any provision in regulation L2 which applies to a heat-producing appliance shall also apply where solid fuel is intended to burn directly on a hearth without the installation of any appliance.
- (b) Regulation L5 applies to LPG installations which supply fuel to heat-producing appliances in a building of purpose group I or III but not to an installation whose LPG storage tank is less than 150 litres or greater than 337,500 litres water capacity.

L2 Heat-producing appliances and associated constructions

- (1) A heat-producing appliance shall be so installed that—
 - (a) it receives a sufficient supply of air to ensure the safe and efficient operation of the heat-producing appliance and any associated flue-pipe or chimney,
 - (b) combustion products discharged from the installation do not create a hazard to the health of any person,
 - (c) in the case of a heat-producing appliance designed to operate with a flue, combustion products are discharged to the external air through a flue-pipe or chimney complying with paragraph (2), and
 - (d) its use shall not cause damage to a building by heat or fire.
- (2) Flue-pipes and chimneys shall be so constructed and installed that during operation of the heat-producing appliance to which they are connected they—
 - (a) prevent damage to a building by heat or fire, and
 - (b) ensure combustion products are discharged to the external air without creating a hazard to the health of any person.
- (3) Hearths and fireplace recesses shall be so constructed and installed that they prevent damage to a building by heat or fire resulting from the operation of any heat-producing appliance installed therein or thereon.

L3 Deemed-to-satisfy provisions for heat-producing appliances

The requirements of regulation L2 shall be deemed to be satisfied for heat-producing appliances other than incinerators if, in the case of—

- (a) *solid fuel burning appliances having a rated output not exceeding 45 kW, DOE(NI) Technical Booklet L: 1991: Sections 1 and 2, has been complied with;*
- (b) *gas-burning appliances having a rated input not exceeding 60 kW, DOE(NI) Technical Booklet L: 1991: Sections 1 and 3, has been complied with;*
- (c) *oil burning appliances having a rated output not exceeding 45 kW, DOE(NI) Technical Booklet L: 1991: Sections 1 and 4, has been complied with.*

L4 Prevention of smoke emission

A heat-producing appliance installed in a building for the purpose of heating or cooking, and which discharges its combustion products to the external air shall be capable of, or readily adaptable to, the burning of fuel smokelessly, unless it is—

- (i) a furnace which complies with Article 5 of the Clean Air (Northern Ireland) Order 1981(a) (which requires that new furnaces shall so far as practicable be smokeless), or
- (ii) an appliance of a class exempted conditionally or unconditionally from the provisions of Article 17 of that Order (which relates to smoke control areas) by any order for the time being in force under paragraph (7) of that Article.

L5 Liquefied petroleum gas (LPG) fixed installations

The design, construction and installation of any LPG installation to which this regulation applies shall be safe and adequate for its purpose.

(a) S.I. 1981/158 (N.I. 4)

L6 Deemed-to-satisfy provisions for LPG fixed installations

The requirements of regulation L5 shall be deemed to be satisfied if—

- (a) the LPG storage tank is sited in accordance with paragraphs 15 to 36,*
- (b) the mechanical integrity of the LPG storage tank is in accordance with paragraphs 37, 38 and 40,*
- (c) in the case of an underground or mounded LPG storage tank the installation is in accordance with paragraphs 41 to 46, and*
- (d) the pipework, fittings and supports are in accordance with paragraphs 58 to 89,*

of Health and Safety Guidance Booklet HS(G) 34 published by the Health and Safety Executive: 1987.

L7 Separation distances from an existing LPG storage tank

A building shall be separated by a safe distance from any existing LPG storage tank within the same curtilage.

L8 Deemed-to-satisfy provisions for separation distances from an existing LPG storage tank

The requirements of regulation L7 shall be deemed to be satisfied if the separation distances are in accordance with Table 2 of Health and Safety Guidance Booklet HS(G) 34 published by the Health and Safety Executive: 1987, and, where a fire wall is provided, paragraphs 34 to 36 of the Booklet.

Schedule to be substituted for Schedule 8 (Publications to which specific reference is made in the Building Regulations (Northern Ireland) 1990) to the principal Regulations

Schedule 8

SCHEDULE 8

Publications to which specific reference is made in the Building Regulations (Northern Ireland) 1990.

Regulation A2(7)(b)

Table A. British Standards

Publication (1)	Amendment Slip		Context (4)
	Serial Number (2)	Reference Number (3)	
BS 449: Part 2: 1969	1	AMD 416	D4(c)
	2	AMD 523	
	3	AMD 661	
	4	AMD 1135	
	5	AMD 1787	
	6	AMD 4576	
	7	AMD 5698	
	8	AMD 6255	
Addendum No. 1 (1975) to BS 449: Part 2: 1969	1	AMD 1765	
	2	AMD 1929	
BS 476: Part 3: 1958	1	PD 3276	E1(6)
BS 476: Part 4: 1970 (1984)	1	AMD 2483	A2(1)
	2	AMD 4390	
BS 476: Part 6: 1968	1	AMD 549	E7(4), proviso E7(5)(c)(ii)
	2	AMD 3192	
BS 476: Part 6: 1981	1	AMD 4329	E7(5)(c)(ii) E14(6)(b)(vi) E15(1)(e)(ii)
BS 476: Part 7: 1971 or 1987	—	—	E15(1)(f)
BS 476: Part 8: 1972	1	AMD 1873	E1(5) Table 1 to E1, subheading
	2	AMD 3816	
	3	AMD 4822	

Table A. British Standards—continued

Publication (1)	Amendment Slip		Context (4)
	Serial Number (2)	Reference Number (3)	
BS 476: Part 20: 1987	—	—	E1(5) Table 1 to E1, subheading
BS 476: Part 21: 1987	—	—	E1(5) Table 1 to E1, subheading
BS 476: Part 22: 1987	—	—	E1(5) Table 1 to E1, subheading
BS 476: Part 23: 1987	—	—	E1(5) Table 1 to E1, subheading
BS 690: Part 2: 1981	—	—	Table to B4, item 7
BS 690: Part 3: 1973	1 2	AMD 1619 AMD 3830	Table to B4, item 7
BS 690: Part 4: 1974	1	AMD 3220	Table to B4, item 7
BS 747: 1977 (1986)	1 2 3	AMD 3775 AMD 4609 AMD 5101	Schedule 5, footnotes
BS 881 & 589: 1974	—	—	Schedule 3
BS 1142: Part 2: 1971	—	—	Table to B4, item 3
BS 1230: Part 1: 1985	—	—	A2(1)
BS 2782: 1970	1 2 3 4 5 6 7	AMD 936 AMD 999 AMD 1524 AMD 2222 AMD 3177 AMD 3899 AMD 4997	E1(7) Table 2 to E1, subheading
BS 2989: 1982	—	—	Table to B4, item 6

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Table A. British Standards—continued

Publication (1)	Amendment Slip		Context (4)
	Serial Number (2)	Reference Number (3)	
BS 3083: 1980	1	AMD 3620	Table to B4, item 6
BS 4250: Part 1: 1987	—	—	L1(1)
BS 4471: 1987	—	—	A2(9)(b)(ii)
BS 4514: 1983	1 2	AMD 4517 AMD 5584	Table to E12, specification (b)
BS 5250: 1989	—	—	C7
BS 5262: 1976	1	AMD 2103	Table to B4, item 5
BS 5268: Part 2: 1988	—	—	D4(g)
BS 5268: Part 3: 1985	1	AMD 5931	D4(g)
BS 5306: Part 2: 1979	1 2 3 4	AMD 3568 AMD 4219 AMD 5105 AMD 5696	E4(1), proviso Table to E5, Part 1, footnote y
BS 5588: Part 1: Section 1.1: 1984	1	AMD 5714	EE3
BS 5588: Part 2: 1985	1	AMD 5555	EE3
BS 5588: Part 3: 1983	1 2	AMD 5556 AMD 5825	EE3
BS 5589: 1978	1	AMD 3916	Schedule 3, Table 2
BS 5617: 1985	—	—	B5(2)
BS 5618: 1985	—	—	B5(2)
BS 5628: Part 1: 1978 (1985)	1 2 3 4	AMD 2747 AMD 3445 AMD 4800 AMD 5736	D4(f) D6(2)(a)(iii)
BS 5628: Part 3: 1985	1	AMD 4974	D4(f)

Table A. British Standards—continued

Publication (1)	Amendment Slip		Context (4)
	Serial Number (2)	Reference Number (3)	
BS 5810: 1979	—	—	R3(b)
BS 5906: 1980 (1987)	—	—	J3(b) J5
BS 5950: Part 1: 1985	—	—	D4(c) D6(2)(a)(ii)
BS 5950: Part 2: 1985	—	—	D4(c)
BS 5950: Part 4: 1982	—	—	D4(c)
BS 5950: Part 5: 1987	—	—	D4(c)
BS 6180: 1982	1	AMD 4858	H8
BS 6399: Part 1: 1984	1 2 3	AMD 4949 AMD 5881 AMD 6031	D2(a)
BS 6399: Part 3: 1988	1	AMD 6033	D2(b)
BS 8004: 1986	—	—	D4(a)
BS 8110: Part 1: 1985	—	—	D4(b) D6(2)(a)(i)
BS 8110: Part 2: 1985	—	—	D4(b) D6(2)(a)(i)
BS 8110: Part 3: 1985	—	—	D4(b)

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Table B. British Standard Codes of Practice

Publication (1)	Amendment Slip		Context (4)
	Serial Number (2)	Reference Number (3)	
CP3: Chapter IV: Part 1: 1971	1 2 3 4	AMD 851 AMD 1077 AMD 1889 AMD 2708	EE3
CP3: Chapter V: Part 2: 1972	1 2 3 4	AMD 4952 AMD 5152 AMD 5343 AMD 6028	D2(c)
CP 117: Part 1: 1965	—	—	D4(d)
CP 118: 1969	1	AMD 1129	D4(e)
CP 144: Part 3: 1970	1 2	AMD 2527 AMD 5229	Table to B4, Item 1 Schedule 5, Part IV(B), Item 1

Table C. Other Publications

Publication (1)	Amendment (2)	Context (3)
Standard Industrial Classification (Revised 1980) issued by the Central Statistical Office	—	Schedule 1, Part A, Class 7
Health and Safety Guidance Booklet HS(G)34 published by the Health and Safety Executive: 1987	—	L6 L8
DOE(NI) Technical Booklet C: 1990	—	C5
DOE (NI) Technical Booklet D: 1990	—	D4 Schedule 2, Rule E(3)
DOE(NI) Technical Booklet F: 1991	—	F3 F5 F7
DOE(NI) Technical Booklet G: 1990	—	G3
DOE(NI) Technical Booklet L: 1991	—	L3
DOE(NI) Technical Booklet N: 1990	—	N4 N6 N8
Building Research Establishment Report BR 128 'Guidelines for the Construction of Fire Resisting Structural Elements' (1988)	—	E1(5) Note to Table 1 to E1
British Board of Agrément MOAT 38: 1986	—	P6
Department of Education and Science Design Note 18 (1984) 'Access for Disabled People to Educational Buildings'	—	R3(a)

(This note is not part of the Regulations.)

These Regulations amend the Building Regulations (Northern Ireland) 1990 ("the principal Regulations"). With the exception of regulation 5(9) which comes into operation on 1st June 1991 they come into operation on 1st July 1991. They do not apply to work which has been completed, or for which plans have been deposited with a district council before the relevant date.

These Regulations introduce new Parts F (Conservation of fuel and power) and L (Heat producing appliances and liquefied petroleum gas installations) which revise and consolidate existing Parts F, FF, L, M, S and T of the principal Regulations. New Part F incorporates old Parts F, FF, S and T and new Part L incorporates old Parts L and M. They differ from the Parts they replace by being more generalised statements of the requirements of those Parts. They are supported by Technical Booklets prepared by the Department of the Environment for Northern Ireland (DOE(NI) Technical Booklets). The Booklets contain tables formerly contained in the principal Regulations and provide for certain methods and standards of building which if followed will satisfy the requirements of the Regulations.

Apart from these, changes to the principal Regulations are as follows—

1. In Part A (Interpretation and general):—
 - (a) the application of Part R (Facilities for disabled people) to the alteration and extension of buildings is restricted (regulation 5(3)(b)); and
 - (b) provision is made for the procedure to be followed in the case of an appeal against the issue of a contravention notice by a district council (regulation 5(9)).
2. In Part EE (Means of escape in case of fire) British Standard Code of Practice BS 5588: Part 8: 1988 is recognised as satisfying the requirements for means of escape for disabled people from shops and offices (regulation 7).
3. Part J (retitled Solid waste in buildings) has been completely revised. It now requires all buildings to be provided with adequate space for the storage of solid waste in containers and makes provision for the control of its siting (regulation 10).
4. In Part K (Ventilation) new regulations require the provision of trickle ventilators in habitable rooms and mechanical extraction from kitchens and bathrooms (regulation 11).
5. In Part P (Sanitary appliances and unvented hot water storage systems) the regulations are amended to require the incorporation of safety devices in unvented storage systems of greater capacity than 500 litres and/or greater heat input than 45 kW (regulation 14).

6. Part R (Facilities for disabled people) has been extended to require the provision of access for disabled people to and within all storeys of shops and offices other than those storeys or parts used solely as a machine room or for storage, maintenance or repair (regulation 15).

Other minor and consequential amendments have been made including the updating of references to various technical publications and the revision of Schedule 8 to take account of these and the introduction of Technical Booklets F and L.

The publications referred to in these regulations may be purchased from the following sources:—

- (a) British Standards and British Standard Codes of Practice from the Sales Department, British Standards Institution, Linford Wood, Milton Keynes, MK14 6LE;
- (b) DOE(NI) Technical Booklets from branches of Her Majesty's Stationery Office; and
- (c) Health and Safety Guidance Booklet HS(G)34 from branches of Her Majesty's Stationery Office.
- (d) MOAT 38: 1986 from Publications Department, British Board of Agreement, P.O. Box 195, Bucknalls Lane, Garston, Watford, Herts WD2 7NG.