

## 1971 No. 1811 (S.194)

## BUILDING AND BUILDINGS

The Building Standards (Scotland) Amendment No. 3  
Regulations 1971

*Made* - - - 29th October 1971

*Laid before Parliament* 17th November 1971

*Coming into Operation* 1st January 1972

In exercise of the powers conferred on me by subsections (1) to (5) of section 3 of, section 24 of and the Fourth Schedule to the Building (Scotland) Act 1959(a) and of all other powers enabling me in that behalf, and having complied with the provisions of section 3(6) of that Act as substituted by section 1 of the Building (Scotland) Act 1970(b), that is to say having consulted the Building Standards Advisory Committee and such other bodies as appear to me to be representative of the interests concerned, I hereby make the following regulations :—

1. These regulations may be cited as the Building Standards (Scotland) Amendment No. 3 Regulations 1971 and shall come into operation on 1st January 1972.

2.—(1) In these regulations, unless the context otherwise requires—

(a) “the building standards regulations” means the Building Standards (Scotland) (Consolidation) Regulations 1970(c), the Building Standards (Scotland) Amendment Regulations 1971(d) and the Building Standards (Scotland) Amendment No. 2 (Metrication) Regulations 1971(e), and other words and expressions have the same meanings as in the building standards regulations ;

(b) any reference to a Part, regulation or Schedule shall be construed as a reference to a Part or regulation of, or Schedule to, the building standards regulations and any reference to a numbered Table shall be construed as a reference to a Table in Schedule 9 to the building standards regulations.

(2) References in these regulations to any enactment shall be construed as a reference to that enactment as amended by any subsequent enactment, including any enactment in these regulations.

(3) The Interpretation Act 1889(f) shall apply for the interpretation of these regulations as it applies for the interpretation of an Act of Parliament.

3. In regulation A3—

(a) in paragraph (1)—

(i) after the definition of “appliance” there shall be inserted the

(a) 1959 c. 24.

(c) S.I. 1970/1137 (1970 II, p. 3635).

(e) S.I. 1971/1032 (1971 II, p. 3013).

(b) 1970 c. 38.

(d) S.I. 1971/748 (1971 II, p. 2153).

(f) 1889 c. 63.

following definition—

‘“balustrade” has the meaning assigned to that expression by paragraph (1) of regulation S2 ;’;

(ii) in the definition of “carport” at the end there shall be added the words “over 1·2 metres in height”;

(iii) for the definition of “non-combustible” there shall be substituted the following definition—

‘“non-combustible” in relation to a material means that the material is either—

(a) graded as non-combustible according to the combustibility test of materials specified in clauses 3 and 4 of British Standard 476: Part 1: 1953, “Fire tests on building materials and structures”, or

(b) classified as non-combustible according to the non-combustibility test for materials specified in British Standard 476: Part 4: 1970, “Non-combustibility test for materials”,

and “combustible” shall be construed accordingly ;’;

(iv) after the definition of “pier” there shall be inserted the following definition—

‘“pitch line” has the meaning assigned to that expression by paragraph (1) of regulation S2 ;’;

(v) after the definition of “temporary building” there shall be inserted the following definition—

‘“tread” has the meaning assigned to that expression by paragraph (1) of regulation S2 ;’;

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

“(4A) Where a British Standard or a British Standard Code of Practice or any other publication referred to in these regulations or in the Schedules to these regulations itself refers to a British Standard or to a British Standard Code of Practice or to any other publication, the reference to such British Standard or to such British Standard Code of Practice or to any other such publication will be taken to be a reference to the latest edition thereof as at 31st December 1970 including any amendments thereto published at that date.”;

(c) paragraph (9) shall be deleted.

4. In regulation A6—

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

“(1) For the purposes of these regulations buildings shall be classified according to the grouping and sub-grouping of occupancy use set forth in Schedule 2.

(1A) Any reference in these regulations to a building or part of a building of a particular occupancy group or sub-group shall, unless the context otherwise requires, be taken to include a reference to any building or part of a building which is put to a use ancillary to any occupancy use falling within the description specified in relation to that occupancy group or sub-group by column (3) of Schedule 2.”;

(b) in paragraph (2) for the words “on 5th August 1958” there shall be substituted the words “in September 1968”.

5. For Part C there shall be substituted the following part—

**"PART C****STRUCTURAL STRENGTH AND STABILITY***Interpretation of Part C***C1. In this Part—**

"dead load", in relation to a building, means the weight of all walls, partitions, floors and roofs comprised in the building, including the weight of all other fixed construction therein and any service equipment affixed to the building as a fixture ;

"imposed load", in relation to a building, means all static and dynamic loads imposed on the building, and includes floor loads, roof loads other than from wind, wind loads, crane and traffic loads and any load, other than dead load, which will be imposed on the building as a result of the intended use thereof.

*\*Foundation and structure above foundation*

**C2.—(1)** The foundation of every building shall be taken down to such a depth and shall be so designed and constructed as to sustain and transmit to the ground the combined dead load and imposed load, in such a manner that the total or differential settlement of the building will not impair the stability of, or cause damage to, the whole or any part of the building.

(2) The structure of a building above the foundation thereof shall be so designed and constructed as to sustain and transmit to the foundation the combined dead load and imposed load, without such deflection or deformation as would impair the stability of, or cause damage to, the whole or any part of the building.

(3) For the purposes of this regulation the dead load and imposed load other than wind loads shall be taken to be the loads calculated on the basis of the recommendations of British Standard Code of Practice CP 3 : Chapter V : Part 1 : 1967 "Dead and imposed loads" as read with Amendments AMD 141, November 1968 and AMD 587, September 1970 :

Provided that in calculating such loads, where under Table 1 of the Code a use to which a building or structure is to be put requires an intensity of distributed load of 1.5 kilonewtons per square metre, the concentrated load referred to in the Table may not be included in the calculation in the case of—

- (i) timber floors having joists arranged at 450 millimetres centres supporting 21 millimetres thick flooring or a floor arrangement which will support the same concentrated load as such floors ;
- (ii) ceiling joists arranged at 450 millimetres centres over which is placed a timber walkway for access purposes comprising a 200 millimetres width of 21 millimetres thick tongued and grooved flooring or a ceiling joist arrangement which will support the same concentrated load as such ceiling joists.

(4) For the purposes of this regulation the wind load shall be taken to be the loads calculated on the basis of the recommendations of British Standard Code of Practice CP 3 : Chapter V : Part 2 : 1970 "Wind loads" as read with Amendment AMD 645, November 1970.

(5) For the purposes of this regulation where it is known in any case that the actual dead load, imposed load or wind load to which a building will be

subject will differ or is likely to differ from the dead load, imposed load or wind load calculated in accordance with this Part, such actual dead load, imposed load or wind load as the buildings authority may in the circumstances determine shall be substituted for the load so calculated.

*\*Further requirements for the structure of certain buildings*

**C3.**—(1) In addition to the requirements of regulation C2, the provisions of this regulation shall apply to a building having five or more storeys (including basement storeys, if any).

(2) In this regulation—

“portion”, in relation to a structural member, means that part of a member which is situated or spans between adjacent supports or between a support and the extremity of a member :

Provided that, in the case of a wall, a portion shall be taken to have a length which is the lesser of the following, namely, the length determined in accordance with the preceding provisions of this definition or 2.25 times the height of the portion (or, if its height varies, its greatest height) ;

“structural failure” means the failure of a structural member fully to perform its function in contributing to the structural stability of the building of which it forms part ;

“structural member” means a member essential to the structural stability of a building.

(3) In the application of this regulation—

(a) dead load and imposed load other than wind load shall be determined in accordance with the provisions of regulations C2(3) and C2(5) except that—

(i) a reduction of not more than 66 $\frac{2}{3}$  per cent in the imposed load other than wind load shall be permitted on all structural members provided that no reduction shall be made for any plant, machinery or equipment which is specifically allowed for nor shall a reduction be made for warehouses, garages or buildings used wholly or predominantly for filing or storage. In the case of factories or workshops the load shall not be reduced below 5 kilonewtons per square metre ; and

(ii) for the purposes of paragraph (5) of this regulation the maximum reductions permitted by sub-paragraph (i) above shall be made ;

(b) wind load may be taken as not less than one-third of the load determined in accordance with the provisions of regulations C2(4) and C2(5) ; and

(c) the load which would cause structural collapse shall exceed the combined dead load and imposed load on the structure together with, for the purposes of paragraph (5) of this regulation, the loads specified in sub-paragraphs (b) and (c) of that paragraph by at least 5 per cent.

(4) A building to which the provisions of this regulation apply shall be so constructed that if any portion of any one structural member (other than a portion which satisfies the conditions specified in paragraph (5) of this regulation) were to be removed—

(a) structural failure consequent on that removal would not occur within

any storey other than the storey of which that portion forms part, the storey next above (if any) and the storey next below (if any); and

(b) any structural failure would be localised within each such storey.

(5) The conditions referred to in paragraph (4) of this regulation are that the portion should be capable of sustaining without structural failure the following loads applied simultaneously—

(a) the combined dead load and imposed load;

(b) a load of 34 kilonewtons per square metre applied to that portion from any direction; and

(c) the load, if any, which would be directly transmitted to that portion by any immediately adjacent part of the building if that part were subjected to a load of 34 kilonewtons per square metre applied in the same direction as the load specified in sub-paragraph (b).

#### *Loading notices*

C4.—(1) In any building with a floor supporting an imposed floor load of 2.5 kilonewtons per square metre or greater there shall be exhibited conspicuously at each stairway or doorway giving access to such a floor a notice incised or embossed in letters and figures not less than 13 millimetres high, stating in the following terms, or in terms substantially to the like effect, the imposed floor load for which the floor has been designed—

#### “NOTICE

The imposed load on [this floor]\* [the floor to which this stairway gives access]\* must not exceed                      kilogrammes per square metre.

*\*Delete as appropriate” :*

Provided that where different parts of such a floor have been designed for different imposed loads, a notice complying with this paragraph shall be displayed on each such part stating the load for which that part has been designed.

(2)(a) Where any part of the roof of a building is not capable of supporting a concentrated load of 0.9 kilonewtons per 130 millimetres square, there shall be exhibited at some appropriate and conspicuous place visible from any access to that part of the roof a notice in permanent form in letters not less than 50 millimetres high in the following terms—

#### “DANGER

This roof covering will not support your weight.”.

(b) No such notice shall be required for flat roofs having joists arranged at 450 millimetres centres and supporting 21 millimetres thick timber boarding.”.

6. In regulation D1 in paragraph (2) for sub-paragraph (a) there shall be substituted the following sub-paragraph—

“(a) any garage to which regulation D20 or D21 applies, any carport to which regulation D21 applies, or any building to which regulation D21A applies ;”.

7. In regulation D6—

(a) in the first line the words “elements of structure” shall be deleted ;

(b) for paragraph (iii) of the proviso there shall be substituted the following paragraph—

“(iii) prevent the addition to the items referred to in (a) to (g) of this regulation of any combustible floor covering or, subject to regulation E16, of any ceiling or wall lining if with the addition of the covering or lining the items referred to in (a) to (g) comply with the provisions of regulation D5 as relate to them without such addition ;”.

8. In regulation D12—

(a) for the words “Every stairway to which regulation P6 applies” there shall be substituted the words “Every stairway to which the requirements for ‘other stairways’ in Part S apply” ;

(b) in paragraph (2) of the proviso, for the words “a stairway to which regulation P6 applies” there shall be substituted the words “a stairway to which the requirements for ‘other stairways’ in Part S apply”.

9. For regulation D13 there shall be substituted the following regulation—

*“Fire-stops in elements of structure of hollow construction*

**D13.** Where in any building an element of structure contains a cavity which is continuous throughout the whole or part of the extent of the element and any surface within the cavity is of combustible material, the cavity shall be fire-stopped at every junction with any other cavity, and

(a) where the length of the cavity between such junctions exceeds 8 metres, at intervals of not more than 8 metres, and

(b) where the area of the cavity in any one plane between such junctions exceeds 46 square metres, at intervals of not less than 46 square metres ;

Provided that nothing in this regulation shall—

(i) prevent the introduction of a combustible filling within such a cavity,

(ii) apply to a cavity between floor joists in a timber floor, provided that the ends of such cavities shall be closed in a manner which constitutes a fire-stop, or

(iii) apply to a cavity where the surface within the cavity is Grade A as specified in paragraph (2) of regulation E16 as read with paragraphs (3) and (4) of that regulation.”.

10. In regulation D18 in sub-paragraph (7)(b) for the words “B.S.2782 : 1965 as read with Amendment PD 6008, 26th January, 1967 and Amendment PD 6269, 15th September, 1967” there shall be substituted “British Standard 2782 : 1970”.

11. For regulation D21 there shall be substituted the following regulation—

*“Special provisions as to certain small garages and carports*

**D21.**—(1) Every garage or carport the area of which does not exceed 40 square metres and which either—

(a) forms part of or is attached to a building in occupancy sub-group A1 or A2, not being a block of flats, or

(b) is a detached building on land in the same occupation as another building which is in occupancy sub-group A1 or A2, not being a block of flats,

shall comply with the following provisions of this regulation.

(2) Every garage to which paragraph (1)(a) of this regulation applies shall be so constructed that—

- (a) the wall separating the garage from the other part of the building or from the building to which it is attached is a fire division wall with a period of fire resistance of not less than one hour ;
- (b) any opening in the fire division wall required by paragraph (2)(a) of this regulation at any point where it separates the garage and the building is—
  - (i) for access only,
  - (ii) protected by a fire-check door within the meaning of proviso (i) to regulation D7(6) which with its frames and surrounds has a fire resistance of not less than one-half hour, and
  - (iii) provided with an upstand between the foot of the door and the floor of the garage of not less than 100 millimetres in height :
- (c) if any part of the garage is contiguous with the boundary or less than 2 metres from the boundary the external wall of the garage adjacent to or on the boundary is constructed of non-combustible materials and the roof is designated AA, AB or AC ;
- (d) if there is no external wall of the garage contiguous with the boundary there shall be a distance of not less than 500 millimetres between the wall and the boundary ;
- (e) if there is living accommodation above the garage—
  - (i) the floor of the living accommodation has a period of fire resistance of not less than one hour,
  - (ii) the external walls of the garage are non-combustible, and
  - (iii) the ceiling of the garage is constructed of jointless non-combustible materials ; and
- (f) if there is living accommodation below the garage the floor of the garage is constructed of solid non-combustible materials and has a fire resistance of not less than one hour.

(3) Every garage to which paragraph (1)(b) of this regulation applies and the walls and roof of which are constructed of the materials described in columns (1) and (2) of the following table shall not be nearer to the boundary or to that house than the distances set forth respectively in columns (3) and (4) thereof opposite those columns provided that the conditions set forth in column (5) thereof in relation thereto are complied with.

Materials of construction		Minimum distance from boundary (3)	Minimum distance from house on land in same occupation (4)	Conditions (5)
Walls (1)	Roof (2)			
Non-combustible	Designated AA, AB or AC	500 millimetres except when contiguous with the boundary	500 millimetres	—
	Other than AA, AB or AC	2 metres	2 metres	—
500 millimetres			The wall of the house adjacent to the garage to be imperforate and constructed of non-combustible materials having a period of fire resistance of not less than one hour.	
Combustible	Any designation or materials of construction	2 metres	500 millimetres	The wall of the house adjacent to the garage to be imperforate and constructed of non-combustible materials having a period of fire resistance of not less than one hour.
	Any designation or materials of construction	2 metres	2 metres	—
Any materials of construction	Any designation or materials of construction	500 millimetres	3 metres	No part of garage to be within 3 metres from any opening in any other house.

(4) Every carport to which this regulation applies shall—

- (a) if contiguous with the boundary or within 2 metres of the boundary have a roof designated AA, AB or AC, and
- (b) if attached to a house having openings in the wall adjoining the carport have a roof designated AA, AB or AC.

(5) Any reference in this regulation to a roof designated AA, AB or AC shall be construed as including a reference to a roof made of glass or of rigid polyvinylchloride sheeting mentioned in regulation D18(7)(b).

(6) Any reference in this regulation to walls constructed of non-combustible materials shall be construed as including a reference in the case of a garage to walls constructed of bricks, concrete or similar materials and of timber framing with non-combustible external cladding.”



12. After regulation D21 there shall be inserted the following regulation—  
*“Special provisions as to garden huts, greenhouses and other buildings ancillary to houses*

**D21A.**—(1) This regulation shall apply to any greenhouse, garden hut or other building ancillary to a house, not being a garage or carport to which regulation D21 applies, which—

- (a) is erected on an area of land in the same occupation as a building in occupancy sub-group A1 or A2 not being a block of flats,
- (b) is not a building every part of which falls within Class 11 specified in Schedule 3 (Exempted classes of building), and
- (c) has a floor area not greater than that specified in column (2) of the table following paragraph (2) of this regulation.

(2) Every building described in column (1) of the following table, having a floor area not greater than specified in column (2) thereof and constructed of the materials specified in column (3) thereof shall not be nearer to the boundary or to the house on land in the same occupation than the distances set forth respectively in columns (4) and (5) thereof opposite those columns and in relation thereto.

Building (1)	Floor area not more than (2)	Materials of construction (3)	Minimum distance from boundary (4)	Minimum distance from house on land in same occupation (5)
1. Greenhouses	19 square metres	Not less than three-quarters of the total external area including the roof being of glass (including glazing bars)	500 millimetres except when on boundary	500 millimetres except when attached to house
2. Garden huts and other ancillary buildings	9 square metres	Non-combustible walls (including walls where framing being of timber) and roof designated AA, AB or AC	500 millimetres except when on boundary	2 metres
3. Garden huts, greenhouses and other ancillary buildings	9 square metres	Any materials of construction	1 metre	2 metres
4. Garden huts, greenhouses and other ancillary buildings	19 square metres	Any materials of construction	2 metres	2 metres
5. Covered ways	19 square metres	Roof designated AA, AB or AC	—	—

(3) Any reference in this regulation to a roof designated AA, AB or AC shall be construed as including a reference to a roof made of glass or of rigid polyvinylchloride sheeting mentioned in regulation D18(7)(b)."

13. In regulation D22 after paragraph (6) there shall be inserted the following paragraph—

"(6A) All drainage outlet valves and drainage outlet cocks of any tank to which this regulation applies, being a tank neither within nor forming part of a building, shall be capable of being locked."

14. In regulation E4 in sub-paragraph (2)(i) for the words "Part D or E" where they twice appear there shall be substituted the words "Part IV or V".

15. In regulation E5 after sub-paragraph (1)(b) there shall be inserted the following sub-paragraph—

"(c) where in a building of occupancy sub-group A3 or A4 or occupancy group B, C, D or E—

- (i) only one exit is provided from the point, and
  - (ii) within a distance of 12.5 metres from that point the exit enters a passage, and
  - (iii) escape is possible along that passage in two directions at an angle of not less than 90 degrees to each other,
- the distance which can be covered in 2.5 minutes by a person moving at the speed of 12.5 metres per minute :".

16. In regulation E6—

(a) paragraph (4) shall be deleted ;

(b) after paragraph (3) there shall be added the following paragraphs—

"(4) No part of an exit shall be less in height than 2 metres.

(5) Where more than one exit is available from a room in accordance with regulation E4 or E5, these exits shall be so situated that from the furthest point in the room the angle of direction of travel between at least two of these exits shall be not less than 45 degrees."

17. For regulation E7 there shall be substituted the following regulation—

*"Width of exits*

E7.—(1) Every exit from a room or storey shall have an unobstructed width not less than whichever of the following is the greater—

- (a) such width throughout as will, when taken with the width of any other exit or exits from that room or storey, allow the total occupant capacity of the room or storey to discharge in 2.5 minutes when the rate of discharge is taken as 40 persons per minute per 530 millimetres of width of exit, or

(b) the width specified by the following table in relation to the occupant capacity of the room or storey within a building of the appropriate occupancy sub-group—

Occupant capacity	Width	
	Sub-group A2	Any other sub-group
Not exceeding 25 or, if forming part of a school, 50	800 millimetres	800 millimetres
Exceeding 25 or, if forming part of a school, 50 but not exceeding 100	800 millimetres	1100 millimetres
Exceeding 100	1100 millimetres	1100 millimetres

(2) For the purposes of paragraph (1)(b) of this regulation where a door comprising a single leaf forms part of the exit the width of the door leaf shall be not less than—

(a) the width specified by the following table in relation to the occupant capacity of the room or storey within a building of occupancy sub-group A2—

Occupant capacity	Width
Not exceeding 25	700 millimetres
Exceeding 25 but not exceeding 100	700 millimetres
Exceeding 100	900 millimetres

(b) 726 millimetres in the case of a building of any occupancy sub-group other than A2 where the occupant capacity of the room or storey does not exceed 25 or, if forming part of a school, 50.

(3) Every exit from a room or storey shall be of an unobstructed width at no part less than the width required by these regulations for any other part of the exit further from the place of safety in the open air to which the exit leads.

(4) Where any part of an exit from the ground storey also forms part of an exit from a stairway the width of the exit shall be not less than the sum of the widths required to allow—

- (a) the total occupant capacity of the ground storey to discharge according to the manner prescribed in paragraph (1)(a) of this regulation, and
- (b) the total appropriate capacities of any other storey or storeys (including any basement storey) to discharge calculated in accordance with regulation E8(2).

(5) Nothing in this regulation shall apply to that part of an exit in so far as it comprises a stairway the width of which shall be determined in accordance with regulation E8.”.

18. In regulation E8—

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

“(1) Subject to the following provisions of this regulation every

stairway from a storey shall be of such width as will allow the appropriate capacity of that storey to discharge in a time not exceeding 2.5 minutes when the rate of discharge is taken as 40 persons per minute per 530 millimetres of width of exit.”;

(b) in paragraph (3)(a) after the word “stairway” there shall be inserted the words “(the length of a tread being taken to be the horizontal distance between the two sides of the tread)”.

19. Regulation E11 shall be deleted.

20. In regulation E20 for paragraph (3) there shall be substituted the following paragraph—

“(3) The lift-car of the lift shall have an internal area of not less than 1100 millimetres by 1400 millimetres and the lift shall be capable of carrying a load of not less than 600 kilogrammes.”.

21. In regulation F8 there shall be added the following proviso—

“Provided that nothing in this regulation shall apply to a chimney the flue of which complies with the provisions of regulation F10(1)(a).”.

22. In regulation F10 in paragraphs (1)(a)(iii) and (iv) for “B.S. 65 : 1966” and for “B.S. 540 : 1966” respectively there shall be substituted the words “British Standard 65 & 540 : 1966 as read with Amendment PD 6410, May 1968”.

23. Regulation F18 shall be deleted.

24. In regulation K2—

(a) in paragraph (1) for the definition of “ventilator” there shall be substituted the following definition—

“ventilator” (except in the expression “permanent ventilator”) means a louvre, grille or other similar device, each of which is capable of being opened to a varying degree to permit an uninterrupted passage of air between a part of a building and the external air.”;

(b) in paragraph (3) for sub-paragraph (b) there shall be substituted the following sub-paragraph—

“(b) the provision of a ventilator or a permanent ventilator of a given cross-sectional area shall be construed as requiring the provision of one or more ventilators or permanent ventilators respectively having an area or aggregate cross-sectional area equal to the given area.”.

25. In regulation K5 in paragraph (1)—

(a) before the words “Every apartment” there shall be inserted the words “Subject to paragraph (2) of this regulation”;

(b) in sub-paragraph (a)(ii)(A) the word “permanent” shall be deleted;

(c) in the proviso for the words “require the provision of a permanent ventilation opening in” there shall be substituted the words “apply to”.

26. In regulation K10 in paragraph (4)—

(a) in sub-paragraph (b) for sub-paragraph (i) there shall be substituted—

“(i) direct to the external air, by a window, roof-light or ventilator having an opening area of one-twentieth of the floor area of the room and by a ventilator having a cross-sectional area of not less than 6500 square millimetres per occupant, or”;

(b) in sub-paragraph (c)(i)(B) the word "permanent" shall be deleted.

**27. In regulation K11—**

(a) in paragraph (2)(b) the word "permanent" shall be deleted ;

(b) in the proviso to paragraph (2) the word "permanent" shall be deleted.

**28. In regulation L4 in the proviso to paragraph (1) the word " , eating" shall be deleted.**

**29. In regulation M15—**

(a) in paragraph (1) after the words "in no case shall" there shall be inserted the words "a soil or soil-waste pipe" ;

(b) in sub-paragraph (4)(b) for the words "less than 63 millimetres" there shall be substituted the words "less than that set out in Table 1 of British Standard Code of Practice CP 304 : 1968 as read with Amendment AMD 187, January 1969."

**30. In regulation N3 in paragraph (4)—**

(a) for the word "conductivity" there shall be substituted the word "conductance" ;

(b) the words " , and shall, except in the case of cables buried underground, be accessible for inspection" shall be deleted.

**31. In regulation N4—**

(a) in paragraph (3) at the end there shall be added the words "and any linked circuit-breaker inserted in a conductor connected with earth shall be arranged to break every live conductor." ;

(b) for paragraph (4) there shall be substituted the following paragraph—

"(4) Any single pole switch shall be inserted only in a live conductor and any switch inserted in the conductor connected with earth shall be a linked switch and shall be arranged to break every live conductor."

**32. In regulation N12(3) in proviso (i) for the words "Amendment PD 4386, November 1961" there shall be substituted the words "Amendments PD 4386, November 1961 and AMD 455, March 1970".**

**33. Regulation P1 shall be deleted.**

**34. Regulation P6 shall be deleted.**

**35. In regulation Q1 for paragraph (2) there shall be substituted the following paragraph—**

"(2) In this Part, the provisions of regulations Q4, Q6 to Q8, Q10 to Q15, Q20 and Q21 shall not be subject to specification in a notice served under section 11 of the Act (which enables local authorities to require existing buildings to conform to these regulations)."

**36. In regulation Q2—**

(a) in paragraph (1) for the words "regulation Q3 but always subject to the provisions of Part E" there shall be substituted the words "the relevant provisions of Part S" ;

(b) paragraph (6) shall be deleted ;

(c) in paragraph (8) for the words "the foregoing provisions" there shall be substituted the words "paragraph (7)".

37. Regulation Q3 shall be deleted.

38. In regulation Q4 for the words "a stairway, passage or landing which complies with regulation Q5" there shall be substituted the words "a stairway complying with the relevant provisions of Part S".

39. Regulation Q5 shall be deleted.

40. In regulation Q6(8) for sub-paragraph (a) there shall be substituted the following sub-paragraph—

"(a) have an internal area of not less than 1100 millimetres by 1400 millimetres and an internal height of not less than 2200 millimetres, and".

41. After regulation R2 there shall be inserted the following Part—

## "PART S

### CONSTRUCTION OF STAIRWAYS, LANDINGS AND BALCONIES

#### *Application of Part S*

S1.—(1) The provisions of this Part shall apply to all stairways, landings and balconies in buildings to which these regulations apply.

(2) The provisions of this Part, in so far as they relate to—

- (a) exit stairways in houses of more than two storeys and in buildings to which the Factories Act 1961(a) applies,
- (b) access and private stairways (other than the provisions of paragraphs (6) and (8) of regulation S3), and
- (c) other stairways (other than the provisions of paragraphs (6) and (8) of regulation S3 and heads B and L of the table in regulation S4)

shall not be subject to specification in a notice served under section 11 of the Act (which enables local authorities to require existing buildings to conform to these regulations).

#### *Interpretation of Part S*

S2.—(1) In this Part—

"exit stairway" means a stairway forming part of an exit for the purposes of Part E ;

"access stairway" means a stairway which—

- (a) forms part of an access provided so as to comply with regulation Q2, or
- (b) provides access to any part of—
  - (i) a building containing two or more houses, or
  - (ii) the curtilage of such a building,
 being a part which is provided for the use of the occupants of two or more houses in the building ;

"private stairway" means—

- (a) a stairway wholly within a house, or
- (b) a stairway providing access to any part of a building or of the curtilage of a building being a part which is available for the use

only of the occupants of one house within the building and not being a stairway forming part of an access provided for the purposes of regulation Q2 ;

“other stairway” means a stairway not being an exit, access or private stairway ;

“balcony” includes a gallery ;

“balustrade” means a protective barrier so designed as to give a satisfactory degree of safety and rigidity and includes a wall or railing ;

“flight” means a stair or part of a stair uninterrupted by any landing ;

“going” means the horizontal distance between the nosings of two consecutive treads or between the nosing of a tread and the nosing of a landing next above it ;

“handrail” means a rail attached to a wall or balustrade and so designed as to afford a means of support to persons using the stair ;

“pitch” means the angle between the pitch line and the horizontal ;

“pitch line” means a notional line connecting the nosings of the treads ;

“rise” means the vertical distance between the tops of two consecutive treads or between the top of a tread and the top of a landing next above it ;

“stair” means the structure formed by the walls, balustrades or railings, handrails, risers, treads, and stringers if any ;

“stairway” means the route of travel and includes the stair and any landings and balconies forming part of that route ;

“tread” means the upper surface of a step within the width of the stairway.

(2) The minimum width of—

(a) an exit stairway or an access stairway shall be taken to be the unobstructed width thereof, provided that no account shall be taken of any obstruction caused by handrails where such obstruction does not exceed 100 millimetres ;

(b) a private stairway or other stairway shall be taken to be the overall width thereof, provided that no account shall be taken of any obstruction caused by handrails, balustrades, stringers or newel post where such obstruction does not exceed 90 millimetres.

(3) The length of a landing shall be measured horizontally along the centre line of the direction of travel.

(4) The length of a tread shall be taken to be the horizontal distance between the two sides of the tread.

(5) Where a stairway or part of a stairway falls within more than one of the definitions in paragraph (1) of this regulation and is required to conform to more than one standard prescribed by this Part, that standard shall have effect in relation to the stairway or part, as the case may be, as if the stairway or part were required to conform to the more or most onerous standard.

#### *General requirements for stairs*

S3.—(1) Every stair shall have a clear headroom of 2050 millimetres measured vertically from the pitch line.

(2) Every stair shall be constructed in straight flights having a uniform rise and going :

Provided that nothing in this paragraph shall prohibit tapered treads with uniform going which comply with the requirements of head G of the table in regulation S4.

(3) A landing complying with regulation S5 shall be provided at each end of a flight :

Provided that nothing in this paragraph shall—

- (i) apply to any flight between the external door of a building and the ground or an access balcony where the aggregate rise in each case does not exceed 600 millimetres and the door opens inwards ; or
- (ii) prohibit a landing being common to two flights.

(4) Where a stair is formed having open rises the nosing of the tread of any step or landing shall overlap the back edge of the tread below by not less than 16 millimetres.

(5) The width of a tread (which shall be measured from the front of the tread to the face of the riser, or to the back of the tread if there is no riser) shall be not less than the going.

(6) Every stair which rises more than 600 millimetres above an adjacent floor or landing or above ground external to a building shall be guarded on each side by a wall or by a secure balustrade or railing complying with the requirements in head J of the table in regulation S4.

(7) Where a stair open to the external air descends for more than 600 millimetres below an opening at ground level in which it is constructed, that opening shall be guarded at ground level by a wall or secure balustrade or railing extending above the ground level to a height of not less than 1.1 metres.

(8) (a) Every stair which rises more than 600 millimetres shall be provided with a handrail on one side where the width of the stair is not more than 1.1 metres and on each side where the width is greater than 1.1 metres ; and

(b) the handrail shall be fixed securely at a height of not less than 840 millimetres nor more than 1 metre measured vertically above the pitch line and shall be continuous throughout each flight.

(9) A glazed area in the wall of a stair shall be guarded by a secure balustrade or railing of a height not less than that required by head J of the table in regulation S4 for balustrades or railings for that stair :

Provided that this paragraph shall not apply to a glazed area constructed of glass blocks or wired or toughened glass.

#### *Specific requirements for stairs*

S4. Every stair forming part of an exit, access, private or other stairway shall comply with the requirements set forth in the second, third, fourth or fifth columns respectively of the following table in relation to the corresponding head in the first column thereof—



Head (1)	Exit stairways (2)	Access stairways (3)	Private stairways (4)	Other stairways (5)
A. Width	Not less than the width determined in accordance with the provisions of regulations E7 and E8.	(a) Not less than 900 millimetres if the stairway serves only one house.  (b) Not less than 1.1 metres in any other case.	(a) Not less than 890 millimetres.  (b) Not less than 600 millimetres if the stairway provides access only— (i) to one room, not being a living room or kitchen, or (ii) to a bathroom, washroom or water-closet.	Not less than 600 millimetres.
B. Additional requirements for stairways over 1.8 metres in width.	(a) The stair to be so constructed as to permit of separate sections not less than 1.1 metres nor more than 1.8 metres in width.  (b) The stair to be divided into such sections by a handrail or handrails.  (c) The upper end of any such handrail to be supported by an upright rigidly secure post carried to the ceiling or to a height of not less than 2.1 metres.	—	—	(a) The stair to be so constructed as to permit of separate sections not less than 900 millimetres nor more than 1.8 metres in width.  (b) The stair to be divided into such sections by a handrail or handrails.  (c) The upper end of any such handrail— (i) to be supported by an upright rigidly secure post carried to the ceiling or to a height of not less than 2.1 metres, or (ii) to be ramped to the floor, or (iii) to be a scroll end.  (d) These requirements not to apply to buildings in occupancy sub-groups A3, B1, B2 or C2.

Head (1)	Exit stairways (2)	Access stairways (3)	Private stairways (4)	Other stairways (5)
C. Pitch	<p>(a) Not exceeding 33 degrees in buildings in occupancy sub-groups A4, C1, C2 and C3.</p> <p>(b) Not exceeding 38 degrees in any other building.</p>	Not exceeding 38 degrees.	Not exceeding 42 degrees.	<p>(a) Not exceeding 33 degrees in a building in occupancy sub-group A4 or in a part of a building in occupancy group C to which the public have access.</p> <p>(b) Not exceeding 38 degrees in any other building or part of a building.</p>
D. Number of rises per flight. The requirement for a minimum of 3 rises not to apply to a flight of one or two rises between the external door of a building and the ground or an access balcony.	Not fewer than 3 and not more than 16.	As for exit stairways.	<p>(a) Not fewer than 3 and not more than 22.</p> <p>(b) Not fewer than 3 and not more than 16 if the stairway is open to the external air.</p>	<p>(a) Not fewer than 3 and not more than 16 in flats (occupancy sub-group A2) and in buildings in occupancy sub-groups A4 and C1.</p> <p>(b) Not fewer than 3 and not more than 22 in other buildings.</p>
E. Going (subject to the provisions of head G).	<p>At every part of the stair not less than—</p> <p>(a) 280 millimetres in a building in occupancy sub-group C3; or</p> <p>(b) 250 millimetres in any other building.</p>	<p>At every part of the stair not less than—</p> <p>(a) 250 millimetres where the stairway forms part of an access provided so as to comply with regulation Q2; or</p> <p>(b) 230 millimetres in any other case.</p>	At every part of the stair not less than 220 millimetres.	At every part of the stair not less than 250 millimetres at the points 270 millimetres from each end of the tread.
F. Aggregate of going and twice the rise (subject to the provisions of head G).	Not less than 550 millimetres nor more than 700 millimetres.	As for exit stairways.	As for exit stairways, except that the rise to be not more than 220 millimetres.	As for exit stairways.

Head (1)	Exit stairways (2)	Access stairways (3)	Private stairways (4)	Other stairways (5)
<p>G. Going and rise of tapered treads. Consecutive tapered treads of different lengths to be deemed to have a length equal to the length of the shortest part of the treads. The deemed length to be measured from the tapered ends of the treads.</p>	<p>Aggregate of going and twice the rise not less than 550 millimetres nor more than 720 millimetres at the points 270 millimetres from each end of the tread (or where applicable the deemed length).</p>	<p>As for exit stairways.</p>	<p>(a) Aggregate of going and twice the rise as for exit stairways but measured along the centre line of the stair.</p> <p>(b) Where the stair is not more than 1 metre in width, the minimum going to be not less than 75 millimetres.</p>	<p>As for exit stairways, but where a stair is not more than 1.1 metres in width the going and rise may be measured along the centre line of the stair.</p>
<p>H. Openings between adjacent treads in open rise stairs.</p>	<p>In buildings in occupancy sub-group A2; residential schools (occupancy sub-group A3); children's homes and special schools for handicapped children (occupancy sub-group A4); shop premises (occupancy sub-group B2); and non-residential schools (occupancy sub-group C2), no opening to be of such a size as will permit the passage through it of a sphere 100 millimetres in diameter.</p>	<p>No opening to be of such a size as will permit the passage through it of a sphere 100 millimetres in diameter.</p>	<p>As for access stairways.</p>	<p>As for exit stairways.</p>

Head (1)	Exit stairways (2)	Access stairways (3)	Private stairways (4)	Other stairways (5)
<p>J. Heights of walls, balustrades or railings. (Measurements to be taken vertically above the pitch line. Where a handrail is fixed to the top of the balustrade or railing the measurements may be taken to the top of the handrail.)</p>	<p>Not less than 900 millimetres.</p>	<p>Not less than 900 millimetres.</p>	<p>Not less than 840 millimetres.</p>	<p>Not less than 900 millimetres.</p>
<p>K. Openings in balustrades or between railings. These requirements not to apply to the space bounded by the riser and the lowest edge of the balustrade or railing if the lowest edge is not more than 50 millimetres above and parallel to the pitch line.</p>	<p>In buildings in occupancy sub-group A2; residential schools (occupancy sub-group A3); children's homes and special schools for handicapped children (occupancy sub-group A4); shop premises (occupancy sub-group B2); and non-residential schools (occupancy sub-group C2), no opening to be of such a size as will permit the passage through it of a sphere 100 millimetres in diameter.</p>	<p>No opening to be of such a size as will permit the passage of a sphere 100 millimetres in diameter.</p>	<p>As for access stairways.</p>	<p>In buildings in occupancy sub-group B2—as for access stairways.</p>
<p>L. Additional requirements for handrails.</p>	<p>Unless forming part of a balustrade the handrail at both ends to be wreathed back to the wall.</p>	<p>—</p>	<p>—</p>	<p>Unless forming part of a balustrade the handrail at both ends to be wreathed back to the wall or ramped to the floor.</p>

*Requirements for landings*

S5.—(1) A landing forming part of a stairway shall be of a width not less than the width required for the stair by this Part.

(2) A landing forming part of an access provided for the purposes of regulation Q2 shall be of an unrestricted width not less than the width required by paragraph (3)(b) of that regulation.

(3) A landing required to comply with regulation S3(3) shall be of a length not less than that set forth in the second column of the following table in relation to the stairway described in the first column thereof—

A landing forming part of:— (1)	Minimum length (2)
An exit stairway	1.1 metres or the width of the stairway, whichever is the greater.
An access stairway	The width of the stairway.
A private stairway	800 millimetres.
An other stairway	1.8 metres or the width of the stairway, whichever is the lesser.

(4) A landing shall be guarded on every side by a wall or secure balustrade or railing, falling either within head A or head B of the first column of the following table, not less in height than that set forth in the third column thereof in relation to the landing described in the second column thereof—

Head (1)	Description or position of landing (2)	Minimum height (3)
A. Walls, balustrades or railings where the landing is open to the external air.	A landing forming part of a stairway in a house (occupancy sub-groups A1 and A2), a residential school (occupancy sub-group A3), a children's home or special school for handicapped children (occupancy sub-group A4), or a non-residential school (occupancy sub-group C2).	(a) 1.2 metres, or (b) 1.1 metres where any part of the landing is guarded by a wall, balustrade or railing the coping or top rail of which is of an overall width of not less than 230 millimetres.
B. Walls, balustrades or railings irrespective of whether the landing, other than one referred to in head A, is open to the external air.	A landing forming part of an exit.	1.1 metres.
	A landing forming part of an access stairway or of an access provided for the purposes of regulation Q2.	1.1 metres.
	A landing which— (i) is within a house, or (ii) provides access to any part of a building or the curtilage of a building being a part which is available for the use only of the occupants of one house within the building and is not part of an access provided for the purposes of regulation Q2.	900 millimetres.
	Any other landing.	1.1 metres.

(5) A glazed area in the wall of a landing shall be guarded by a secure balustrade or railing of a height not less than that required by paragraph (4) of this regulation for balustrades or railings for that landing :

Provided that this paragraph shall not apply to a glazed area constructed of glass blocks or wired or toughened glass or to a glazed portion of a door.

(6) No opening in any balustrade or between any railings provided in accordance with paragraphs (4) or (5) of this regulation shall be of such a size as will permit the passage through it of a sphere 100 millimetres in diameter.

#### *Requirements for balconies*

**S6.**—(1) A balcony forming part of an access provided for the purposes of regulation Q2 shall be of an unrestricted width not less than the width required by paragraph (3)(b) of that regulation.

(2) Where a balcony in a house, residential school (occupancy sub-group A3), children's home or special school for handicapped children (occupancy sub-group A4) or non-residential school (occupancy sub-group C2) is open to the external air and is at first storey level or above, the wall, balustrade or railing shall not be less than 1.2 metres in height :

Provided that where any part of the balcony is guarded by a wall, balustrade or railing, the coping or top rail of which is of an overall width of not less than 230 millimetres, this paragraph shall have effect in relation to that part as if for the words "1.2 metres" there were substituted the words "1.1 metres".

(3) Except as provided in paragraph (2) every balcony shall be guarded on every side by a wall or secure balustrade or railing not less than 1.1 metres in height.

(4) A glazed area in the wall of a balcony shall be guarded by a secure balustrade or railing of a height not less than that required by paragraphs (2) and (3) of this regulation for balustrades or railings for that balcony :

Provided that this paragraph shall not apply to a glazed area constructed of glass blocks or wired or toughened glass or to a glazed portion of a door.

(5) No opening in any balustrade or between any railings provided in accordance with paragraph (2), (3) or (4) of this regulation where the balcony forms—

(a) part of an access provided for the purposes of regulation Q2, or

(b) part of a house, residential school (occupancy sub-group A3), children's home or special school for handicapped children (occupancy sub-group A4), or non-residential school (occupancy sub-group C2)

shall be of such a size as will permit the passage through it of a sphere 100 millimetres in diameter."

#### **42. In Schedule 1—**

(a) paragraph (8) shall be deleted ;

(b) after paragraph (9) there shall be inserted the following paragraph—

"(9A) The height of any part of an exit except for the height appertaining to stairs required by regulation S3(1) shall be the clear unobstructed height measured vertically from the upper surface of the floor to the soffit of any obstruction." :

(c) paragraph (15) shall be deleted.

43. For Schedule 2 there shall be substituted the following Schedule—

## Regulation A6

## "SCHEDULE 2

## CLASSIFICATION OF BUILDINGS BY OCCUPANCY

Occupancy group (1)	Occupancy sub-group (2)	Description of occupancy use (3)	Standard Industrial Classification (4)
A (Residential)	1	Houses of not more than 2 storeys—other than flats— including any surgeries, consulting rooms, offices and other accommodation not exceeding an aggregate of 46 square metres, forming part of the house of any person providing professional or scientific services and used in his professional or scientific capacity	871†, 872†, 873†, 874†, 875†, 876†, 879†
	2	Houses of more than 2 storeys and flats— including any surgeries, consulting rooms, offices and other accommodation not exceeding an aggregate of 46 square metres, forming part of the house of any person providing professional or scientific services and used in his professional or scientific capacity	871†, 872†, 873†, 874†, 875†, 876†, 879†
	3	Residential clubs Residential colleges and schools Residential ecclesiastical buildings Hotels Motels Hostels Lodging houses Boarding houses Bothies and chaumers Chalets Fire stations with sleeping or residential accommodation attached Police stations with sleeping or residential accommodation attached	887† 872† 875† 884, 899(3)† — — 906(2)† 906(1)†
	4	Children's homes Old people's homes Special schools for handicapped children Hospitals Private nursing homes Sanatoria	899(3)† 874†

†Note: Throughout this Schedule the presence of a dagger against a numbered head in column (4) denotes that the numbered head is common to more than one occupancy group or sub-group.

SCHEDULE 2—*continued*

Occupancy group (1)	Occupancy sub-group (2)	Description of occupancy use (3)	Standard Industrial Classification (4)
<b>B</b> (Commercial)	1	Office premises (including Post Office sorting offices and telephone exchanges)	708†, 709†, 860-866, 871†, 873†, 874†, 875†, 876†, 879†, 881†, 899†, 906(3)†
	2	Shop premises (including sub-post offices attached thereto but excluding shop premises to which other occupancy sub-groups apply) Licensed betting offices Beauty parlours Hairdressers Television, radio, recording and film studios Laboratories Launderettes (self-service) Dry cleaning (self-service)	810-812†, 820, 821, 831†, 895† 883† } 889 881† 874†, 876†, 879† 892† 893†
<b>C</b> (Assembly)	1	Bus passenger roadside shelters Passenger stations Public conveniences Grandstands Stadia Sports pavilions Gymnasia Indoor bowling alleys Indoor games courts Riding schools Skating rinks Swimming baths (including any swimming pool, changing rooms, slipper baths, turkish baths or similar facilities pertaining thereto) Funfairs Menageries and zoos Amusement arcades	702(1)† 701, 702(1)† 906(3)† } 882† 883†
	2	Non-residential clubs Non-residential colleges and schools Clinics, surgeries, consulting rooms and related accommodation (other than those covered in occupancy sub-groups A1 and A2) Ecclesiastical buildings, meeting houses Court rooms Museums, art galleries Libraries to which persons other than employees have access Public houses Fire stations (other than those covered in occupancy sub-group A3) Police stations (other than those covered in occupancy sub-group A3)	887† 872† 874†, 876†, 879† 875† 906(3)† 899(4)† 899(4)†, 906(3)† 886 906(2)† 906(1)†



## SCHEDULE 2—continued

Occupancy group (1)	Occupancy sub-group (2)	Description of occupancy use (3)	Standard Industrial Classification (4)
	3	Theatres, cinemas, radio and television studios to which the public are admitted Casinos and bingo halls Concert halls Restaurants, cafes, canteens Exhibition halls Dance halls, dancing schools	881† 883† 881† 885, 887†, 888 899(4)† 882†
D (Industrial)	1	Mining and quarrying other than coal and shale mining Manufacture, process or repair of any of the following— tobacco; steel tubes; aluminium and aluminium alloys; mechanical handling equipment; mechanical equipment or parts not elsewhere specified; photographic and document copying equipment; watches and clocks; surgical instruments and appliances; scientific and industrial instruments and systems; electrical machinery; insulated wires and cables; telegraph and telephone apparatus and equipment; radio and electronic components; broadcast receiving and sound reproducing equipment; electronic computers; radio, radar and electronic capital goods; electric appliances primarily for domestic use; other electrical goods; aerospace equipment; locomotives and railway track equipment; railway carriages, wagons and trams; cutlery; bolts, nuts, screws, rivets etc; wire and wire products; cans and metal boxes; metal goods not elsewhere specified; hosiery and other knitted goods; glass; cement; abrasives and building materials not elsewhere specified; plaster cast, image and models	102, 103, 109  240 312  321 337  349  351 352  353  354 361 362  363, 708†  364  365 366  367  368 369 383  384  385 392 393 394 395  399 417 463 464  469 499(2)

SCHEDULE 2—*continued*

Occupancy group (1)	Occupancy sub-group (2)	Description of occupancy use (3)	Standard Industrial Classification (4)
	2	Agriculture and horticulture Coal mining Exploration (including boring) for and extracting petroleum; mining oil shale Shipbuilding and marine engineering Paper, printing and publishing Laundries and dry cleaners Slaughterhouses and abattoirs Motor repairers, distributors, garages and filling stations Manufacture, process or repair of any of the following— food and drink; chemicals and allied industries; metal; engineering and electrical goods; vehicles; tools and implements; jewellery and precious metals; textiles; fur; clothing and footwear; bricks, fire clay and refractory goods; pottery; rubber; brushes and brooms; stationers' goods; gas, electricity and water Any other industry not separately classified in occupancy sub-groups D1 or D3	001 101  104  370† 481-486, 489 892†, 893† 810(2)†  894  211-218, 229, 231, 232, 239 261-263, 271-274, 276-279 311, 313, 322, 323 331-336, 338, 339, 341, 342 380-382, 494(2), 708† 390, 391 396 411-415, 418, 419, 423, 429 433 441-445, 449, 450, 895†  461 462 491† 493† 495 601-603
	3	Manufacture, process or repair of any of the following— animal and poultry foods; vegetable and animal oils and fats; soap and detergents; rope, twine and net; narrow fabrics; made-up textiles; leather (tanning and dressing); sheepskin wool (fellmongery); leather goods; hats, caps and millinery; timber; furniture and upholstery; bedding and similar goods; shop and office fittings; wooden containers and baskets; miscellaneous wood and cork goods;	219  221 275 416 421 422 431 432 446 471 472 473 474 475 479

## SCHEDULE 2—continued

Occupancy group (1)	Occupancy sub-group (2)	Description of occupancy use (3)	Standard Industrial Classification (4)
		linoleum, plastic floor covering; leather cloth and similar material; toys, games and sports equipment; plastic products not elsewhere specified; musical instruments	} 492 494(1) and (3) 370†, 491†, 493†, 496 499(1)
E (Storage)	1	(a) Storage of goods and materials not specified as hazardous in occupancy sub-group E2  (b) Garages used solely for the storage or parking of motor vehicles, multi-storey car parks, transit sheds and transport services other than any used for the storage of vehicles loaded with hazardous materials or for the storage of hazardous materials in transit  (c) Libraries (other than those covered in occupancy sub-group C2)	708†, 810†, 812†, 831†, 832†  702†, 703-707, 708†, 709(1) and (3)  872†, 899(4)†, 906(3)†
	2	(a) Storage of hazardous materials including— (i) any compressed, liquified or dissolved gas;  (ii) any substance which becomes dangerous by interaction with either water or air;  (iii) any liquid substance with a flash point below 65° Celsius including whisky or other spirituous liquor;  (iv) any corrosive substance;  (v) any substance that emits poisonous fumes when heated;  (vi) any oxidising agent;  (vii) any substance liable to spontaneous combustion;  (viii) any substance that changes or decomposes readily giving out heat when doing so;	} 709(2), 811†, 831†, 832†

## SCHEDULE 2—continued

Occupancy group (1)	Occupancy sub-group (2)	Description of occupancy use (3)	Standard Industrial Classification (4)
		<p>(ix) any combustible solid substance with a flash point less than 121° Celsius;</p> <p>(x) any substance likely to spread fire by flowing from one part of a building to another</p> <p>(b) Transit sheds and transport services used for the storage of hazardous materials or vehicles loaded with hazardous materials</p>	709(2), 811†, 831†, 832†

44. In Schedule 3 for the descriptions and limitations in relation to Classes 11 and 12 there shall be substituted the following description and limitations—

Description	Limitations
<p><i>Class 11. A garden hut, greenhouse or other building ancillary to a house including one used or intended to be used for the keeping of poultry, bees, birds or other animals for the domestic needs or personal enjoyment of the occupants of the house.</i></p>	<p>(i) There shall not be included in this Class any garage, carport, sun porch or sun lounge.</p> <p>(ii) The building is erected on land in the same occupation as a building in occupancy sub-group A1 or A2.</p> <p>(iii) The height of the building does not exceed 2.3 metres.</p> <p>(iv) The floor area of the building does not exceed 4.5 square metres or 9 square metres in the case of a greenhouse of which not less than three-quarters of the total external area is of glass (including glazing bars).</p> <p>(v) The building is at a distance of not less than 500 millimetres from the boundary: Provided that in the case of a building an external wall of which is situated on the boundary—</p> <p>(a) such external wall shall have no opening in terms of regulation D2(1); and</p> <p>(b) the building shall be of non-combustible material (other than the internal framing which may be of timber)."</p>

45. In Schedule 9—

(a) Table 3 shall be deleted;

(b) in Table 4—

(i) in paragraph (c) for "B.S. 3590 : 1963" there shall be substituted "BS 3590 : 1970";

- (ii) in Part VI(1) head A.1(b) for "B.S. 449 : 1959" there shall be substituted "BS 449 : Part 2 : 1969 as read with Amendments AMD 416, January 1970, AMD 523, May 1970 and AMD 661, December 1970";
- (iii) in Part VI(2) head A.1(b) for "B.S.449 : 1959" there shall be substituted "BS 449 : Part 2 : 1969 as read with Amendments AMD 416, January 1970, AMD 523, May 1970 and AMD 661, December 1970";
- (iv) in Part VI(2) head B.7 for the words "(Type B)" there shall be substituted the words "(Type B as designated in BS 1105 : 1963)";
- (v) in Part VIII in footnote § for "B.S. 3590 : 1963" there shall be substituted "BS 3590 : 1970";
- (vi) in Part IX in the footnote for "B.S. 3590 : 1963" there shall be substituted "BS 3590 : 1970";
- (c) in Table 5 in footnote† for the words "as read with Amendment No. 1 (PD 2998, March 1958) and Amendment No. 2 (PD 4054, January 1961)" there shall be substituted the words "as read with Amendments PD 2998, March 1958, PD 4054, January 1961 and PD 5724, January 1966";
- (d) for Table 8 there shall be substituted the following table—

"TABLE 8—NOTIONAL DESIGNATIONS OF ROOF COVERINGS

Regulation D18

*Part 1: Pitched roofs covered with slates or tiles*

Covering material (1)	Supporting structure (2)	Designation (3)
1. Natural slates 2. Asbestos-cement slates 3. Clay tiles 4. Concrete tiles	1. Timber rafters with or without underfelt, sarking, boarding, wood wool slabs, compressed straw slabs, plywood, wood or flax chipboard, or fibre insulating board	AA
5. Bitumen felt strip slates (asbestos or fibre based)	2. Timber rafters and boarding, plywood, wood wool slabs, compressed straw slabs, wood or flax chipboard, or fibre insulating board	CC
6. Bitumen felt strip slates Type 2E, with underlayer of bitumen felt Type 2B or 2C	3. Timber rafters and boarding, plywood, wood wool slabs, compressed straw slabs, wood or flax chipboard, or fibre insulating board	BB

*Note:* Any reference in this Part of the Table to bitumen felt strip slates or to underfelt is a reference to materials of this description complying with BS 747: Part 2: 1970.

*Part II: Pitched roofs covered with preformed self-supporting sheets*

Details of covering		Supporting structure	Designation
Material (1)	Construction (2)		
Corrugated sheets of— (i) galvanised steel; (ii) aluminium; (iii) composite steel and asbestos; (iv) asbestos-cement; or (v) PVC coated metal	1. Single-skin without underlay or with underlay of— (i) asbestos insulating board; (ii) plasterboard; (iii) fibre insulating board; (iv) compressed straw slab; or (v) wood wool slab	Structure of timber, steel or concrete	AA
	2. Double-skin without interlayer or with interlayer of— (i) resin-bonded glass fibre; (ii) bitumen-bonded glass fibre; (iii) mineral wool slab or blanket; (iv) polystyrene; or (v) polyurethane	Structure of timber, steel or concrete	AA

*Part III: Pitched or flat roofs covered with fully supported material*

Covering material (1)	Supporting structure (2)	Designation (3)
1. Aluminium sheet 2. Copper sheet 3. Zinc sheet 4. Lead sheet 5. Mastic asphalt 6. Vitreous enamelled steel sheet	1. Timber joists and— (i) tongued and grooved boarding; or (ii) plain edged boarding	AA*
	2. Steel or timber joists with deck of— (i) wood wool slab; (ii) compressed straw slab; (iii) wood or flax chipboard; (iv) fibre insulating board; or (v) 9.5 millimetres plywood	AA
	3. Concrete or clay pot slab (cast in situ or precast); or non-combustible deck of steel, aluminium or asbestos-cement (with or without insulation)	AA

\*Note: Lead sheet supported by timber joists and plain edged boarding shall be deemed to be of designation BA.

*Part IVA : Flat roofs covered with bitumen felt*

Any bitumen felt roofing specification applied to the roof deck materials prescribed in the Table in Part IVB and having a surface finish of (a) bitumen bedded stone chippings covering the whole surface to a depth of not less than 12.5 millimetres, (b) bitumen bedded tiles of a non-combustible material, (c) sand and cement screed or (d) macadam, shall be deemed to be of designation AA.

*Part IVB : Pitched roofs covered with bitumen felt*

DETAILS OF FELT			COMBUSTIBLE DECK			NON-COMBUSTIBLE DECK		
Number of layers	Type of upper layer	Type of underlayer or layers	Deck of any of the following (having minimum thickness stated)— plywood (6 millimetres); wood or flax chipboard (12.5 millimetres); T & G boarding (16 millimetres finished); or PE boarding (19 millimetres finished)	Deck of compressed straw slab	Deck of screeded wood wool slab	Asbestos-cement or steel single-skin or cavity deck (without overlay or with overlay of fibre insulating board)	Aluminium single-skin or cavity deck (without overlay or with overlay of fibre insulating board)	Concrete or clay pot slab (cast in situ or precast)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. Two or three layers built-up in accordance with CP 144: Part 3: 1970	1. Type 1E	Type 1B, C or D (Minimum weight 13 kg/10m <sup>2</sup> )	CC	AC	AC	AC	AC	AB
	2. Type 2E	Type 1B, C or D (Minimum weight 13 kg/10m <sup>2</sup> )	BB	AB	AB	AB	AB	AB
	3. Type 2E	Type 2B or C	AB	AB	AB	AB	AB	AB
	4. Type 3E	Type 3B or G	BC	AC	AB	AB	AB	AB
2. Single layer	Type 1E		CC	AC	AC	AC	AC	AC

*Note:* Any reference to bitumen felt of a specified type is a reference to bitumen felt as so designated in BS 747: Part 2: 1970."

**46. In Schedule 10 in Part A in paragraph (1)—**

- (a) before the words "Where any specification" there shall be inserted the words "Subject to paragraphs (4) and (4A) of regulation A3";
- (b) the words ", unless the context otherwise requires," and "to the latest edition of that British Standard, Code of Practice or other publication, as at 30th June 1969, including any amendments thereto published at that date, but" shall be deleted.

**47. In Schedule 10 in Part B—**

- (i) in the two Specifications (a) for regulation B1 after the words "British Standard" there shall be inserted "†" and at the end of the Specifications for regulation B1 there shall be added the following footnote—
  - "†Latest edition as at 31st December 1970 including any amendments thereto published at that date.";
- (ii) in Specification (b) for regulation B1 (The use of a material for a purpose and in conditions dealt with in a British Standard Code of Practice)—
  - (a) after the words "British Standard Code of Practice" there shall be inserted "†";
  - (b) for "CP 3: Chapter IX" there shall be substituted "CP 3: Chapter IX: 1950";
- (iii) in Specification (1) for regulation C2(1) for "CP 101" there shall be substituted "CP 101: 1963";
- (iv) in the Specifications for regulation C2(2)—
  - (a) for Specification (1) there shall be substituted—

"The design and construction of the structure conform to BS 449: Part 2: 1969 (as read with Amendments AMD 416, January 1970, AMD 523, May 1970 and AMD 661, December 1970).";
  - (b) in Specification (2) for the words "CP 114: 1957 (as read with Amendment PD 5463, February 1965)" there shall be substituted the words "CP 114: Part 2: 1969";
  - (c) for Specification (4) there shall be substituted—

"The design and construction of the structure are in accordance with CP 111: Part 2: 1970.";
  - (d) in Specification (5) for the words "CP 111:1964 (as read with Amendments PD 5804, March 1966 and PD 6156, May 1967)" there shall be substituted "CP 111: Part 2: 1970";
  - (e) in Specification (6) for "CP 115" there shall be substituted "CP 115: Part 2: 1969";
  - (f) for Specification (7) there shall be substituted—

"The design, erection and protection of the structure are in accordance with CP 118: 1969.";
  - (g) in Specification (8) for "CP 116: 1965" there shall be substituted the words "CP 116: Part 2: 1969 and Addendum No. 1 (1970)";



(v) after the entry for regulation C2(2) there shall be inserted the following entry—

Provision of regulation deemed to be satisfied	Element of structure or fitting	Case dealt with or relevant conditions	Specification
"C3(4)(b)—as to localising any structural failure within each storey	Any structural member	Buildings of five or more storeys in height: removal of any portion of any one structural member	The area within which structural failure would occur does not exceed 70 square metres or 15 per cent of the area of the storey, measured in horizontal plane, whichever is the less."

(vi) in the Specification for regulation D22(6)—as to design and construction—for the words "B.S. 2654: Part 1: 1956, (as read with Amendments PD 2773, April, 1957 and PD 3020, April, 1958.)" there shall be substituted the words "BS 2654: Part 1: 1965 (as read with Amendments PD 5942, November 1966, PD 6130, April 1967, PD 6383, April 1968 and AMD 397, January 1970).";

(vii) in the Specification for regulation F13(5) for "B.S. 1251: Part 1: 1959" there shall be substituted "BS 1251: 1970";

(viii) in the Specification for regulation F21 for "B.S. 2788" there shall be substituted the words "BS 2788: 1956 (as read with Amendments PD 2884, August 1957, PD 3615, December 1959 and PD 3801, May 1960)";

(ix) in the Specifications for regulation F30—

(a) under the head "Case dealt with or relevant conditions" against Specification (1) for the words "G4, G5, G6 and G7 as set out in paragraph 1b of the Appendix to B.S. 1250: Part 1" there shall be substituted the words "G3, G4 and G5 as set out in paragraph A2 of Appendix A to BS 1250: Part 1: 1966";

(b) for Specification (1) there shall be substituted—  
"(1) Appliance conforms to—

BS 1250: Part 1: 1966, Part 2: 1963 (as read with Amendment PD 5391, November 1964), Part 3: 1963 (as read with Amendment PD 5852, June 1966), Part 4: 1965, Part 5: 1963 (as read with Amendments PD 5449, January 1965 and PD 5587, July 1965) and Part 6: 1965 (as read with Amendment PD 5805, March 1966) or BS 2512: 1963 (as read with Amendment PD 5676, November 1965).";

(c) for Specification (2) there shall be substituted—

"(2) Appliance conforms to—

BS 2491: 1963 (as read with Amendments PD 5016, August 1963, PD 5082, November 1963 and PD 5667, October 1965), BS 2773: 1965 (as read with Amendment PD 5779, February 1966) or BS 2883: 1964 (as read with Amendment PD 5659, October 1965).";

- (x) for Specification (a) for regulation G2 there shall be substituted—  
“(a) Pipes conform to BS 1194: 1969, BS 1196: 1944 (as read with Amendment PD 2069, December 1954) or BS 2760: Part 1: 1966 (as read with Amendment AMD 516, May 1970);”;
- (xi) in Specification (2)(d) for regulation G6 for “B.S.2832” there shall be substituted “BS 2832: 1957”;
- (xii) in the Specifications for regulation G7—  
(a) in Specification (1)(c)(i) for “B.S.743: 1966” there shall be substituted “BS 743: 1970”;
- (b) in Specification (2)(c) for “B.S.493: 1967” there shall be substituted “BS 493: Part 2: 1970”;
- (c) in Specification (4)(b)(i) for the words “B.S.12: 1958 (as read with Amendments PD 3729, April 1960 and PD 4676, November 1962)” there shall be substituted the words “BS 12: 1958 (as read with Amendments PD 3729, April 1960, PD 4676, November 1962 and AMD 198, January 1969)”;
- (d) in Specification (6)(b) for “B.S.743: 1966” there shall be substituted “BS 743: 1970”;
- (xiii) in the Specifications for regulation G8—  
(a) in Specification (1)(d) for “B.S.743: 1966” there shall be substituted “BS 743: 1970”;
- (b) in Specification (3)(f) for “B.S.743: 1966” there shall be substituted “BS 743: 1970”;
- (c) in Specification (5)(c) for “B.S.747: 1968” there shall be substituted “BS 747: Part 2: 1970”;
- (d) in Specification (5)(d) for “B.S.743: 1966” there shall be substituted “BS 743: 1970”;
- (e) in Specification (6)(b)(ii) for “B.S.1569: 1965” there shall be substituted “BS 2870: 1968 (as read with Amendment AMD 428, February 1970)”;
- (f) in Specification (6)(b)(iii)—  
(i) for “B.S.1162: 1966” there shall be substituted “BS 1162, 1410, 1418: 1966”;
- (ii) for the words “B.S.988: 1966 (as read with Amendment PD 6154, May 1967)” there shall be substituted the words “BS 988, 1097, 1076, 1451: 1966 (as read with Amendments PD 6154, May 1967 and AMD 419, January 1970)”;
- (g) in Specifications (6)(c), (6)(d)(i), (8)(a), (9)(a), (10)(e), (10)(f) and (11)(f) for “B.S.743: 1966” there shall be substituted “BS 743: 1970”;
- (h) in Specification (12) after “CP 142: 1968” there shall be added the words “(as read with Amendments AMD 491, April 1970 and AMD 601, September 1970).”;
- (j) in Specification (13) for “CP 143: Part 3” there shall be substituted “CP 143: Part 11: 1970”;
- (k) in Specification (14) for “CP 143: Part 4” there shall be substituted “CP 143: Part 12: 1970”;
- (l) in Specification (17) for “CP 143: Part 2” there shall be

- substituted "CP 143: Part 2: 1961";
- (m) in Specification (18) for "CP 143: Part 6" there shall be substituted "CP 143: Part 6: 1962";
- (n) in Specification (19) for "CP 145.101" there shall be substituted "CP 145: Part 1: 1969";
- (p) in Specification (20) for the words "CP 144: Part 2: 1966 (as read with Amendment PD 6103, March 1967)" there shall be substituted "CP 144: Part 4: 1970";
- (q) in Specification (21) for "CP 144.101" there shall be substituted "CP 144: Part 3: 1970";
- (r) in Specification (22)(b) for "B.S.4072" there shall be substituted "BS 4072: 1966";
- (s) in Specification (22)(d) for "B.S.747" there shall be substituted "BS 747: Part 2: 1970";
- (xiv) in Specifications (2), (3) and (4)(b) for regulations H2(1) and H2(2)—as to sound insulation of floors—for "CP 3: Chapter III" there shall be substituted "CP 3: Chapter III: 1960";
- (xv) in the Specifications for regulation J3(1)—
- (a) under the head "Case dealt with or relevant conditions" against Specification (5) for the words "boarding or sarking as in Specification (1) above" there shall be substituted—
- “(a) boarding (other than sarking) not less than 12.5 millimetres thick, or
- (b) sarking not less than 16 millimetres thick”;
- (b) in Specification (5)—
- (i) for the words "B.S.747: 1961 (paragraph 5.a. Type 1c)" there shall be substituted the words "BS 747: Part 2: 1970 (Section 1.5 Type 1c)";
- (ii) for "CP 144.101" there shall be substituted "CP 144: Part 3: 1970";
- (c) under the head "Case dealt with or relevant conditions" against Specification (8) for "CP 144.101" there shall be substituted "CP 144: Part 3: 1970";
- (xvi) in the Specification for regulations K3 to K7, K9 to K11 and K13 for "CP 352" there shall be substituted "CP 352: 1958";
- (xvii) in the Specification for regulation M3(2) proviso (ii) for "CP 302.100" there shall be substituted "CP 302.100: 1956";
- (xviii) in the Specifications for regulation M4(2)—
- (a) for Specification (1) there shall be substituted—
- “(1) The pipes and fittings conform to BS 78: Part 1: 1961 and Part 2: 1965 (as read with Amendment PD 5731, January 1966), BS 437: Part 1: 1970, BS 1130: 1943 (as read with Amendment AMD 648, December 1970) or Class B of BS 1211: 1958.”;
- (b) for Specification (2) there shall be substituted—
- “(2) The pipes and fittings conform to BS 65 & 540: 1966 (as read with Amendment PD 6410, May 1968), Class B of BS 486: 1966 (as read with Amendments PD 6128, April 1967 and PD 6301, January 1968), BS 539: 1968, BS 556:

1966 (as read with Amendment AMD 550, August 1970), BS 2760: Part 1: 1966 (as read with Amendment AMD 516, May 1970) and Part 2: 1967 (as read with Amendment AMD 517, May 1970), BS 3506: 1969 or BS 3656: 1963 (as read with Amendments PD 6055, March 1967 and AMD 322, September 1969).” ;

(xix) in the Specifications for regulation M4(3)—

(a) for Specification (1) there shall be substituted—

“(1) The joint incorporates a rubber joint ring conforming to BS 2494: Part 2: 1967 (as read with Amendment AMD 40, July 1968).” ;

(b) in Specification (2) for the words “CP 301: 1950 (which Code is hereinafter referred to as ‘CP 301’)” there shall be substituted the words “CP 301: 1950 (as read with Amendment PD 1829, March 1954)” ;

(c) for Specification (3) there shall be substituted—

“(3) The joint incorporates a rubber joint ring conforming to BS 2494: Part 2: 1967 (as read with Amendment AMD 40, July 1968).” ;

(d) in Specification (4) for “CP 301” there shall be substituted the words “CP 301: 1950 (as read with Amendment PD 1829, March 1954)” ;

(e) Specification (5) and the entry under “Case dealt with or relevant conditions” against this specification shall be deleted ;

(f) in Specification (6) for “CP 301” there shall be substituted the words “CP 301: 1950 (as read with Amendment PD 1829, March 1954)” ;

(g) in Specification (7) for “CP 301” there shall be substituted the words “CP 301: 1950 (as read with Amendment PD 1829, March 1954)” ;

(xx) for the Specification for regulation M4(7) there shall be substituted—

“The joint incorporates a rubber joint ring conforming to BS 2494: Part 2: 1967 (as read with Amendment AMD 40, July 1968).” ;

(xxi) in the Specification for regulation M6(2) for “B.S.1521” there shall be substituted “BS 1521: 1965” ;

(xxii) in the Specification for regulation M8(1)(a), Specifications (1) and (3) for regulation M8(1)(b) and the Specification for regulation M8(1)(c) for “CP 301” there shall be substituted the words “CP 301: 1950 (as read with Amendment PD 1829, March 1954)” ;

(xxiii) in Specification (1)(a) for regulation M8(1)(d) for “B.S.497” there shall be substituted the words “BS 497: 1967 (as read with Amendments PD 6398, May 1968 and AMD 554, August 1970)” ;

(xxiv) in the Specifications for regulation M8(2)—

(a) in Specification (1)(a) for “B.S.539” there shall be substituted “BS 539: 1968” ;

(b) in Specification (2) for “CP 301” there shall be substituted the words “CP 301: 1950 (as read with Amendment PD

- 1829, March 1954)";
- (xxv) in the Specification for regulation M11 for "CP 301" there shall be substituted the words "CP 301: 1950 (as read with Amendment PD 1829, March 1954)";
- (xxvi) in the Specification for regulation M13 for "B.S.1130" there shall be substituted the words "BS 1130: 1943 (as read with Amendment AMD 648, December 1970)";
- (xxvii) in the Specifications for regulation M14(1)(a)—
- (a) for Specification (1) there shall be substituted—
    - "(1) Cast iron pipes and fittings conforming to BS 416: 1967.";
  - (b) in Specification (2) for "B.S.1211" there shall be substituted "BS 1211: 1958";
  - (c) in Specification (3) for "B.S.659" and "B.S.864" there shall be substituted respectively "BS 659: 1967" and "BS 864: 1953 (as read with Amendments PD 2915, December 1957, PD 3925, September 1960, PD 5754, February 1966 and PD 6411, May 1968)";
  - (d) in Specification (4) at the end there shall be added "(as read with Amendment AMD 311, August 1969).";
  - (e) in Specification (5) for the first reference to "B.S.602" there shall be substituted the words "BS 602, 1085: 1956 (as read with Amendment PD 5862, June 1966)";
  - (f) Specification (6) shall be deleted;
  - (g) in Specification (7) for the words "to B.S.2760" there shall be substituted the words "respectively to BS 2760: Part 1: 1966 (as read with Amendment AMD 516, May 1970) and Part 2: 1967 (as read with Amendment AMD 517, May 1970)";
  - (h) in Specification (8) for "B.S.3506" there shall be substituted the words "BS 3506: 1969 or BS 4514: 1969";
- (xxviii) in the Specifications for regulation M14(1)(b)—
- (a) the entries in the column headed "Case dealt with or relevant conditions" shall be deleted;
  - (b) for Specifications (1) to (11) there shall be substituted—
    - "The joints are made in accordance with sub-section 4.1 of CP 304: 1968 (as read with Amendment AMD 187, January 1969).";
- (xxix) in the Specification for regulation M14(2)(b) for "B.S.416" there shall be substituted "BS 416: 1967";
- (xxx) for the Specification for regulation M15(1) there shall be substituted—
- "The internal diameters are in accordance with section 3 of CP 304: 1968 (as read with Amendment AMD 187, January 1969).";
- (xxxi) for the Specification for regulation M15(3)(a) there shall be substituted—
- "The support is in accordance with sub-section 4.2 of CP 304: 1968 (as read with Amendment AMD 187, January 1969).";

(xxxii) for the Specification for regulation M15(3)(c) there shall be substituted—

“The access is in accordance with sub-sections 3.6 and 3.8 of CP 304: 1968 (as read with Amendment AMD 187, January 1969).”;

(xxxiii) in the Specifications for regulation M16(2)—as to provision of traps—

(a) in Specification (b)—

(i) for “B.S.504” there shall be substituted the words “BS 504: 1961 (as read with Amendment PD 4448, January 1962)”;

(ii) for “B.S.1184” there shall be substituted the words “BS 1184: 1961 (as read with Amendment AMD 201, February 1969)”;

(iii) for “B.S.1291” there shall be substituted “BS 1291: 1946”;

(b) in Specification (c) at the end there shall be added “(as read with Amendment AMD 32, August 1968).”;

(xxxiv) in the Specifications for regulation M17(1)(a) to (d)—

(a) in Specification (1) for “B.S.1213” there shall be substituted the words “BS 1213: 1945 (as read with Amendments PD 769, April 1948, PD 1750, November 1953, PD 4462, February 1962, PD 5509, April 1965, AMD 134, November 1968 and AMD 443, February 1970)”;

(b) for Specification (3) there shall be substituted—

“(3) The sink conforms to BS 1229: 1945 (as read with Amendment PD 1361, April 1952), BS 1206: 1945 (as read with Amendments PD 1330, January 1952 and PD 4644, September 1962) or BS 1244: 1956 (as read with Amendment PD 6361, March 1968).”;

(c) in Specification (4) for “B.S.1229” there shall be substituted the words “BS 1229: 1945 (as read with Amendment PD 1361, April 1952)”;

(d) in Specification (5) for the words “B.S.1390 or B.S.1189” there shall be substituted the words “BS 1390: 1947 (as read with Amendments PD 772, April 1948 and PD 1872, May 1954) or BS 1189: 1961 (as read with Amendment PD 4534, April 1962)”;

(xxxv) for the Specification for regulation M18 there shall be substituted—

“The ventilation of the trap is in accordance with sub-sections 3.1, 3.2 and 3.5, including Tables 1 and 7, of CP 304: 1968 (as read with Amendment AMD 187, January 1969).”;

(xxxvi) in the Specifications for regulation M21(1)(a)—

(a) in Specification (2) for “B.S.569” there shall be substituted “BS 569: 1967”;

(b) in Specification (3) for “B.S.2997” there shall be substituted the words “BS 2997: 1958 (as read with Amendment PD 6403, May 1968)”;

- (c) in Specification (4) for "B.S.1091" there shall be substituted "BS 1091: 1963";
- (d) in Specification (5) for "B.S.1431" there shall be substituted "BS 1431: 1960";
- (xxxvii) in the Specifications for regulation M21(1)(b)—
- (a) in footnote †—
- (i) for "B.S.1091" there shall be substituted "BS 1091: 1963";
- (ii) for "B.S.569" there shall be substituted "BS 569: 1967";
- (b) in footnote § for "B.S.2997" there shall be substituted the words "BS 2997: 1958 (as read with Amendment PD 6403, May 1968)";
- (xxxviii) in the Specifications for regulation M22(1)(a)—
- (a) in Specification (1) for "B.S.416: 1957" there shall be substituted "BS 416: 1967";
- (b) in Specification (2) for "B.S.1211" there shall be substituted "BS 1211: 1958";
- (c) in Specification (3)—
- (i) for "B.S.659" there shall be substituted "BS 659: 1967";
- (ii) for "B.S.864" there shall be substituted the words "BS 864: 1953 (as read with Amendments PD 2915, December 1957, PD 3925, September 1960, PD 5754, February 1966 and PD 6411, May 1968)";
- (d) Specification (4) shall be deleted;
- (e) in Specification (5) for the words "to B.S.2760" there shall be substituted the words "respectively to BS 2760: Part 1: 1966 (as read with Amendment AMD 516, May 1970) and Part 2: 1967 (as read with Amendment AMD 517, May 1970)";
- (f) in Specification (6) for "B.S.3506" there shall be substituted the words "BS 3506: 1969 or BS 4514: 1969";
- (g) in Specification (8) for "B.S.569" there shall be substituted "BS 569: 1967";
- (h) in Specification (9) for "B.S.2997" there shall be substituted the words "BS 2997: 1958 (as read with Amendment PD 6403, May 1968)";
- (j) in Specification (10) for "B.S.1091" there shall be substituted "BS 1091: 1963";
- (xxxix) for the Specification for regulation M22(1)(d) there shall be substituted—
- "The joints are made in accordance with sub-section 4.1 of CP 304: 1968 (as read with Amendment AMD 187, January 1969).";
- (xl) in Specifications (1) to (5) for regulation M24(2) at the end there shall be added "(as read with Amendments PD 1468, August 1952, PD 5362, October 1964 and AMD 636, November 1970).";
- (xli) for the Specification for regulations N3-N11 there shall be sub-

stituted—

“It conforms to the provisions of the “Regulations for the Electrical Equipment of Buildings, Fourteenth Edition, reprinted in metric units incorporating amendments 1970” issued by the Institution of Electrical Engineers.”;

- (xlii) in Specification (1)(b)(iii) for regulation Q2(2)—
  - (a) for “B.S.1621” there shall be substituted the words “BS 1621: 1961 (as read with Amendment PD 6415, May 1968)”;
  - (b) for “B.S.802” there shall be substituted the words “BS 802: 1967 (as read with Amendment PD 6125, April 1967)”;
- (xliii) in Specification (2)(b)(ii) for regulation Q2(4) for “B.S.1242” there shall be substituted the words “BS 1242: 1960 (as read with Amendment PD 6241, August 1967)”;
- (xliv) in the Specification for regulation Q9(1)(a)—
  - (a) for “B.S.1390” there shall be substituted the words “BS 1390: 1947 (as read with Amendments PD 772, April 1948 and PD 1872, May 1954)”;
  - (b) for “B.S.1189” there shall be substituted the words “BS 1189: 1961 (as read with Amendment PD 4534, April 1962)”;
- (xlv) in the Specification for regulation Q9(1)(b) for “B.S.1188” there shall be substituted “BS 1188: 1965”;
- (xlvi) in the Specification for regulation Q9(2)—as to the operation of spray by anti-scald valve—for “B.S.1415” there shall be substituted the words “BS 1415: 1955 (as read with Amendment PD 5235, May 1964)”;
- (xlvii) in the Specification for regulation Q10(2)(a) for the words “B.S.1229, B.S.1206 or B.S.1244” there shall be substituted the words “BS 1229: 1945 (as read with Amendment PD 1361, April 1952), BS 1206: 1945 (as read with Amendments PD 1330, January 1952 and PD 4644, September 1962) or BS 1244: 1956 (as read with Amendment PD 6361, March 1968)”;
- (xlviii) in the Specification for regulation Q10(2)(b) for “B.S.1226” there shall be substituted the words “BS 1226: 1945 (as read with Amendments PD 404, October 1945 and PD 1305, December 1951)”;
- (xlix) in the Specification for regulation Q14(1)(a) for the words “B.S.1229, B.S.1206 or B.S. 1244” there shall be substituted the words “BS 1229: 1945 (as read with Amendment PD 1361, April 1952), BS 1206: 1945 (as read with Amendments PD 1330, January 1952 and PD 4644, September 1962) or BS 1244: 1956 (as read with Amendment PD 6361, March 1968)”;
- (l) in the Specification for regulation Q14(1)(b) for “B.S.1229” there shall be substituted the words “BS 1229: 1945 (as read with Amendment PD 1361, April 1952)”;
- (li) in the Specification for regulation Q15(2)(a) for “B.S.1373” there shall be substituted “BS 1373: 1967”;



- (lii) in the Specifications for regulation Q19(1)—
- (a) in Specification (a) for "CP 331.103" there shall be substituted "CP 331: Part 3: 1965";
  - (b) in Specification (b) for "CP 332.601" there shall be substituted the words "CP 335: Part 1: 1960 (as read with Amendments PD 4161, May 1961 and PD 5616, August 1965)";
- (liii) in the Specification for regulation Q19(4) for "B.S.1363" there shall be substituted the words "BS 1363: 1967 (as read with Amendment AMD 249, May 1969)";
- (liv) in the Specification for regulation Q20 for "CP 306" there shall be substituted "CP 306: 1960".

48. In Schedule 11—

(a) in Part I—

(i) for Specifications 1 to 4 there shall be substituted—

<p>“ To a height of not less than 150 millimetres above the finished level of the adjoining ground</p> <p style="text-align: center;">(1)</p>	<p>Between the level of the top of the main damp-proof construction and the junction of the wall with the roof</p> <p style="text-align: center;">(2)</p>
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1. *Clay facing and common bricks and blocks—*

of hard fired durable materials, including 'blaes' and 'bing' material, suitable for the intended use—

for conditions of extreme exposure where the structure may become saturated and frozen, to BS 3921: Part 2: 1969, Chapter 1, Section Two, Sub-section B.

to BS 3921: Part 2: 1969, Chapter 1, Section Two, Sub-section A.

2. *Clay engineering bricks—*

to BS 3921: Part 2: 1969 and having an average absorption boiling or vacuum per cent weight not greater than 4.5 when used as a damp-proof course.

to BS 3921: Part 2: 1969.

3. *Sandlime and concrete bricks—*

- |                                                                                                                                                                                                                 |                                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>(a) sandlime bricks to BS 187: Part 2: 1970, Class 3A, 3B, 4, 5 or 7;</p> <p>(b) special purpose concrete bricks to BS 1180: 1944 (as read with Amendments PD 774, May 1948 and PD 4692, November 1962).</p> | <p>(a) sandlime bricks to BS 187: Part 2: 1970, Class 2A or 2B;</p> <p>(b) concrete bricks to BS 1180: 1944 (as read with Amendments PD 774, May 1948 and PD 4692, November 1962), Class A(i) or A(ii).</p> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

4. *Concrete blocks laid in accordance with CP 122: 1952 (as read with Amendments PD 1769, December 1953, PD 2531, July 1956 and PD 6102, March 1967)—*

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>to type A of BS 2028, 1364: 1968 (as read with Amendment AMD 411, January 1970) or type B restricted as stated in clause 1.1 of BS 2028, 1364: 1968 (as read with Amendment AMD 411, January 1970).</p> | <p>to type A or B of BS 2028, 1364: 1968 (as read with Amendment AMD 411, January 1970), save that no type B blocks are used in the outer part of a solid wall or in the outer leaf of a cavity wall in a building of more than three storeys in height in occupancy group A or occupancy sub-group B1.”;</p> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

- (ii) Specification 5 shall be deleted;
  - (iii) in Specification 6 for “B.S. 1217” where it twice appears there shall be substituted “BS 1217: 1945”;
  - (iv) in Specification 9(A) for “B.S. 1282” there shall be substituted the words “BS 1282: 1959 (as read with Amendment PD 4252, August 1961)”;
- (b) in General Notes on Mixes Specified for Mortar and Rendering in this Schedule—
- (i) for Note 1 there shall be substituted—
 

“1. Cement—to BS 12: 1958 (as read with Amendments PD 3729, April 1960, PD 4676, November 1962 and AMD 198, January 1969), BS 146: 1958 (as read with Amendments PD 3733, April 1960, PD 4699, November 1962 and PD 6092, March 1967) or BS 1370: 1958 (as read with Amendments PD 3734, April 1960, PD 4678, November 1962 and AMD 199, January 1969), or having similar properties.”;
  - (ii) for Note 2(a) there shall be substituted—
 

“(a) Sand to BS 1199: 1955 and BS 1200: 1955 (both as read with Amendment PD 4835, March 1963);”;
  - (iii) for Note 3(a) there shall be substituted—
 

“(a) Non-hydraulic lime, or semi-hydraulic lime to BS 890: 1966;”.

*Gordon Campbell,*  
One of Her Majesty's Principal  
Secretaries of State.

St. Andrew's House,  
Edinburgh.  
29th October 1971.

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#### EXPLANATORY NOTE

*(This Note is not part of the Regulations.)*

These Regulations in addition to making minor amendments to the Building Standards (Scotland) Regulations 1970 to 1971 introduce, *inter alia*, a new regulation dealing with progressive collapse, amend and bring together in a new Part the requirements for stairways, landings and balconies, and amend the requirements for loading, exits and travel distance, and fire-stops in elements of structure of hollow construction. They also make it easier to erect small garages, carports and greenhouses, and modify the requirements for garden huts. The regulations require outlet valves on fuel oil storage tanks to be lockable and controllable ventilators instead of permanent ventilators in houses and certain other buildings; and the requirement for access to chimneys is removed. The numbered heads of classification and description of occupancy use in Schedule 2 are brought into line with the Standard Industrial Classification as revised in 1968 and the regulations also take account of revised editions of and amendments to British Standards and British Standard Codes of Practice.

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NOTE:—Copies of publications referred to in these regulations may be purchased from the following:—

British Standards and British Standard Codes of Practice: British Standards Institution, British Standards House, 2 Park Street, London W1Y 4AA.

Regulations for the Electrical Equipment of Buildings: Institution of Electrical Engineers, Savoy Place, London WC2.

Standard Industrial Classification: Her Majesty's Stationery Office.