STATUTORY INSTRUMENTS

1966 No. 1144

BUILDING AND BUILDINGS

The Building (Second Amendment) Regulations 1966

Made - - - -	12*th September* 1966
Laid before Parliament	19*th September* 1966
Coming into Operation	1*st November* 1966

The Minister of Housing and Local Government in exercise of the powers conferred on him under sections 61 and 62 of the Public Health Act 1936(a), as amended by section 11 of and Schedule 1 Part III to the Public Health Act 1961(b), sections 4 and 6 of the Public Health Act 1961, the Transfer of Functions (Building Control) Order 1964(c), the Transfer of Functions (Building Control and Historic Buildings) Order 1966(d), and of all other powers enabling him in that behalf, after consultation with the Building Regulations Advisory Committee and such other bodies as appear to him to be representative of the interests concerned, hereby makes the following regulations:—

PART I

GENERAL

1. These regulations may be cited as The Building (Second Amendment) Regulations 1966 and shall come into operation on 1st November 1966.

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

(*a*) " the principal regulations " means The Building Regulations 1965(e) as originally made, and other words and expressions have the same meaning as in the principal regulations;

(*b*) any reference to a regulation or Schedule shall be construed as a reference to a regulation of, or Schedule to, the principal regulations.

(2) 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. The Building (First Amendment) Regulations 1965(g) are hereby revoked and the revocation of the said regulations shall have the like effect as if the said regulations and these regulations were Acts of Parliament to which section 38(2) of the Interpretation Act 1889 applied.

(a) 1936 c. 49.
(b) 1961 c. 64.
(c) S.I. 1964/263 (1964 I, p. 457).
(d) S.I. 1966/692 (1966 II, p. 1558).
(e) S.I. 1965/1373 (1965 II, p. 3890).
(f) 1889 c. 63.
(g) S.I. 1965/2184 (1965 III, p. 6403).

PART II

AMENDMENTS CORRESPONDING TO THOSE MADE BY THE BUILDING (FIRST AMENDMENT) REGULATIONS 1965

4.—(1) In regulation E5, Table A, Part 1, there shall be inserted in column (5) (Elements above ground), beside the figure " 1 " relating to buildings in purpose group IV having a maximum height of 50 feet, the letter " (*b*) ".

(2) In regulation E5, Table A, Part 2, there shall be substituted—

(*a*) in the heading to column (6), for the words " External walls " the words " Other elements "; and

(*b*) in column (7), beside the figure " 1 " relating to buildings in purpose group V, for the sign " (*) " the sign " (†) ".

5. In regulation E7(3)(*a*), there shall be substituted for the words " within a distance of " the words " less than ".

6. In regulation E14(1)(*a*), there shall be inserted after the word " surface " in item (ii) the words " layer of combustible material ".

7. In regulation G4(2)(*b*) there shall be substituted for the words " *the specification set out in Part II* " the words " *any one of the specifications set out in Parts I and II* ".

8. In regulation L14(1)(*a*), there shall be inserted after item (ii) the following item:

" (iii) glazed rebated or socketed clay flue linings complying with BS 1181:1961, jointed and pointed with high alumina cement mortar; or ".

9. In regulation L18, there shall be substituted—

(*a*) for the words in paragraph (2) " space-heating appliance " the words " gas fire ";

(*b*) for the words in paragraph (3) " space-heating appliance " the words " gas fire ";

(*c*) for the word " appliances " in the first line of paragraph (4) the words " gas appliances (other than gas fires) ";

(*d*) for the word " appliances " in the heading of the Table the words " gas appliances (other than gas fires) ".

10. In regulation M9, there shall be inserted—

(*a*) after the word " appliances " in the first line of paragraph (*a*) the words " (other than gas fires) ";

(*b*) in the headings to columns (3) and (5) of the Table, after the words " B.Th.U. " the words " per hour ".

11. In Schedule 2, Rule A, paragraph 2, there shall be substituted for the figures " 1/250 " the figures " 1/1250 ".

12. In Schedule 4, there shall be inserted in the list of local authorities below " Guildford Rural District Council " the words " Hambledon Rural District Council ".

13. In Schedule 6, Table 11, column (2), there shall be substituted—

(*a*) opposite the item " 3× 8 " in column (1), for the figures " 9 ft. 3 in. " the figures " 9 ft. 11 in.", and for the figures " 9 ft. 11 in." the figures " 9 ft. 1 in.";

(*b*) opposite the item " 3×9 " in column (1), for the figures " 9 ft. 11 in." the figures " 10 ft. 10 in.", and for the figures " 10 ft. 10 in." the figures " 9 ft. 11 in.".

14. In Schedule 7, Rule 4, there shall be inserted in paragraph (1) after the word " *applies* " the words " (*other than a wall constructed in accordance with rules 7(4) or 8(6)*) ".

15.—(1) In Schedule 8, Part I, group A (Masonry construction), item 5(*a*), there shall be substituted for the figure " *3* " in the columns relating to non-loadbearing walls with fire resistance of 2 hours and 1½ hours respectively, the figure " *4* ".

(2) In Schedule 8, Part I, group B (Framed and composite construction (non-loadbearing))—

(*a*) in item 5(*d*) the words " *or perlite-gypsum* " shall be omitted;

(*b*) items 5(*e*) and 5(*f*) shall be omitted;

(*c*) in item 5(*h*), there shall be substituted for the words " (*or perlite*) " the word " *gypsum* ";

(*d*) in item 5(*j*), there shall be substituted for the words " (*or perlite*) " the word " *gypsum* ".

(3) In Schedule 8, Part VIII, there shall be inserted against the item relating to hollow block construction or units of box or I section having a minimum thickness of solid substance including screed of 5 inches, the word " *nil* " in each of the last four columns relating to ceiling finishes.

(4) In Schedule 8, Part VIII, there shall be inserted below the table—

" *Note: Where a column relating to ceiling finishes contains no entry opposite a specification, the notional period of fire resistance specified in that column is not applicable.* ".

PART III

AMENDMENTS ADDITIONAL TO THOSE MADE BY THE BUILDING (FIRST AMENDMENT) REGULATIONS 1965

16. In regulation A8(1), Case D, paragraph (*b*) in the item commencing " In Part L ", for " Li " there shall be substituted " L1 ".

17. In regulation C5, there shall be substituted for paragraph (*c*) the following paragraph:

" (*c*) *such membrane, damp-proof course or layer of adhesive is*—

(i) *situated at a level not lower than the highest level of the surface of the ground or paving adjoining any external wall of the building; and*

(ii) *continuous with, or joined and sealed to, any barrier to moisture inserted in any adjoining floor, wall, pier, column or chimney so as to ensure compliance with any relevant requirements of regulations C3 or C6; and* "

18. In regulation E4, there shall be inserted at the end of paragraph (1) the following proviso:

" Provided that if any building of purpose group V is fitted throughout with an automatic sprinkler system which complies with the relevant recommendations of CP402.201:1952, this paragraph shall have effect in relation to that building as if the limits of dimensions specified in columns (3) and (4) of the Table to this regulation were doubled.".

19.—(1) In regulation E5(2) there shall be inserted after sub-paragraph (*b*) the following sub-paragraph:

" (*c*) in the case of a single storey building nothing in paragraph (1) or in sub-paragraph (*a*) of this paragraph shall apply to any element of structure in a ground storey which consists of—

(i) a structural frame or a beam or column: Provided that any beam or column (whether or not it forms part of a structural frame) which is within or forms part of a wall, and any column which gives support to a wall or gallery, shall have fire resistance of not less than the minimum period, if any, required by these regulations for that wall or that gallery;

(ii) an internal load-bearing wall or a load-bearing part of a wall, unless that wall or part is, or forms part of, a compartment wall or a separating wall, or forms part of the structure enclosing a protected shaft or supports a gallery; or

(iii) part of an external wall which does not support a gallery and which may, in accordance with regulation E7, be an unprotected area.".

(2) In regulation E5, Table A, Part 1, in the last column there shall be inserted opposite the last line of the entry relating to purpose group V, the letter " y "; and after the footnote x to that Table, there shall be added the following footnote:

" y If the building is fitted throughout with an automatic sprinkler system which complies with the relevant recommendations of CP402.201: 1952, any maximum limits specified in columns (3) and (4) are to be doubled.".

(3) In regulation E5, Table A, Part 2, there shall be substituted for the dashes in column (4) relating to purpose groups IV to VIII inclusive the following figures:

(*a*) in the last line of the entry relating to purpose group IV, the figure " 1 ";

(*b*) in the last line of the entry relating to purpose group V, the figure " 2 ";

(*c*) in the last line of the entry relating to purpose group VI, the figure " 2 ";

(*d*) in the last line of the entry relating to purpose group VII, the figure " 1 "; and

(*e*) in the last line of the entry relating to purpose group VIII, the figure " 4 ".

20. In regulation E7(4), there shall be inserted in sub-paragraph (*a*) after the word " space " the words " within the building ".

21. In regulation E8, there shall be substituted for paragraphs (1) and (2) the following paragraphs:

" (1) Subject to the exceptions specified in paragraph (2), any separating wall shall be imperforate and shall form a complete vertical separation between any buildings separated (including any roof space therein).

(2) Nothing in paragraph (1) shall prohibit—

(*a*) the passage through a separating wall of a pipe, if the pipe—

(i) is not a flue pipe and

(ii) has a diameter not exceeding 1 inch (if it is made of combustible material) or 6 inches (if it is made of non-combustible material), and

(iii) is fire stopped where it passes through the wall; or

(*b*) an opening in a separating wall which is necessary as a means of escape from fire, if the opening is fitted with a door which—

(i) complies with the requirements of regulation E11; and

(ii) has fire resistance which is not less than the period required by regulation E5 for the separating wall.".

22.—(1) In regulation E14(1)(*a*), there shall be substituted for item (iii) the following item:

" (iii) comprise a base or background which is combustible but with any exposed face finished with a layer not less than $\frac{1}{8}$ inch thick of non-combustible material so that the spread of flame rating of the combined product is not lower than Class 1 in clause 7 of BS476: Part I: 1953, and with the other face not exposed to air;".

(2) In regulation E14(4), there shall be substituted for sub-paragraph (*a*) the following sub-paragraph:

" (*a*) " circulation space " means any space which is solely or predominantly used as a means of access between a room and a protected shaft or between either a room or a protected shaft and an exit from the building or compartment;".

23. In regulation L4(1), there shall be substituted in sub-paragraph (*b*) for the words " lower that " the words " lower than ".

24. In the Table to regulation L14, there shall be deleted from the sub-heading to column (4) the words " but not exceeding five times ".

25. In regulation L18(1)(*b*), there shall be substituted for item (i) the following item:

" (i) six times the minor dimension if the flue serves only one gas fire, or five times the minor dimension if the flue serves only one appliance other than a gas fire; or ".

26. In Schedule 1, Part A, column (1), in the entry relating to Class 1, there shall be substituted for items (ii) and (iii) the following item:

" (ii) not less than 6 feet from any building in purpose groups I, II or III (as designated in the Table to regulation E2) within the same boundaries ".

27.—(1) In Schedule 5, Rule 2(3)—

(*a*) in proviso (ii) there shall be substituted for the words " (4) or (5) " the words " (4) and (5); and ";

(*b*) after proviso (ii) there shall be inserted the following proviso:

" (iii) in the case of any area of a floor of Class 4A or Class 6 which is an area of office floor used for centralised security storage or for heavy storage or filing equipment (such as rolling storage units and punched card cabinets), account shall be taken both of the average loading of that area and of the localised loadings within that area.".

(2) In Schedule 5, Rule 2(4), there shall be substituted for the words " Class 2, 3 or 4 " the words " Class 2, 3, 4 or 4A ".

(3) In Schedule 5, in the Table to Rule 2—

(*a*) in the entry relating to Class 3, there shall be inserted in column (2) after the words " Floors of offices above the entrance floor " the sign " (*) ";

(*b*) in the entry relating to Class 4, there shall be inserted in column (2) after the words " Office entrance floors and office floors below entrance floor " the sign " (*) ";

(*c*) after the entry relating to Class 4, there shall be inserted the following entry:

(1)	(2)	(3)	(4)	(5)
" 4A	Floors of offices carrying computing, data processing and similar equipment (†).	70	560	4,480 "

(*d*) in the entry relating to Class 6, there shall be inserted in column (2) before the words " office floors used for storage " the words " areas of ";

(*e*) at the end of the Table, there shall be inserted the following footnotes:

" (*) If any floor is within Class 3 or 4 and also within Class 4A or 6, or both, the loading is to be taken as the heaviest one applicable.

(†) If any floor is within Class 4A and also within Class 6, the loading to be taken is that applicable to Class 6.".

(4) In Schedule 5, Rule 3(1), there shall be substituted for the proviso the following provisos:

" Provided that—

(i) in the case of a factory or workshop, the total imposed load shall not be less than it would be if the imposed load on each floor carried was taken to be 100 lbs. per square foot without any reduction; and

(ii) in the case of an area of office floor which is within Class 6 of the Table to Rule 2 of this Schedule, the imposed load shall be the minimum imposed load specified in that Table without any reduction.".

28. In Schedule 6, in Table 12—

(*a*) in the heading, there shall be substituted for the words " FLOOR BOARDS " the words " SOFTWOOD FLOOR BOARDS "; and

(*b*) in the sub-heading of column (3) relating to tongued and grooved board, there shall be substituted for the figure " 2¼ " the figure " 3½ ".

29. In Schedule 8, Part VII (which relates to timber floors), there shall be inserted—

(*a*) in every sub-heading to the last column of the Table, beside the word "*modified*" the sign " ‡ "; and

(*b*) below the Table, wherever it contains the said sign, the following additional footnote:

" ‡ *The term " modified ½ hour " refers to the requirements specified in regulation E6(7).*".

Given under the official seal of the Minister of Housing and Local Government on 12th September 1966.

(L.S.)

Anthony Greenwood,

Minister of Housing and Local Government.

EXPLANATORY NOTE

(This Note is not part of the Regulations.)

These amending regulations both supersede amendments already made to The Building Regulations 1965 (" the principal regulations ") and make further amendments, so that this instrument contains all amendments to date.

Regulation 3 revokes The Building (First Amendment) Regulations 1965 which came into operation at the same time as the principal regulations on 1st February 1966. The amendments which those regulations made consisted of minor corrections and clarification of detail and the addition of one area to those where special treatment of softwood timber is required. Those amendments are now replaced in the same form by Part II of these regulations.

The amendments included in Part III are new. Those made by regulations 16, 20, 23, 28 and 29 consist of further corrections and clarifications. The other regulations in this Part, which mostly moderate the stringency of particular requirements, are designed to operate as follows:

Regulation 17 modifies a form of damp-proofing which may be adopted for a floor next to the ground which is constructed as a solid floor and incorporates timber.

Regulations 18 and 19(2) allow the ultimate limits of floor area and cubic capacity permitted for the " compartments " in a shop to be doubled if an automatic sprinkler system is installed throughout the building.
(" Compartmenting " is dividing a building structurally into sections to limit the spread of fire from one to another.)

Regulation 19(1) exempts certain elements of structure in a single storey building from the need to have fire resistance.

Regulation 21 permits suitably protected openings through walls separating buildings if they are necessary as means of escape from fire.

Regulation 22(1) further restricts the types of composite material which may be regarded as having the highest resistance to spread of flame.

Regulation 22(2) extends the definition of circulation space (in relation to requirements to prevent the spread of flame) to include a space predominantly used as means of access and also a space between a room and an exit.

Regulations 24 and 25 modify the dimensions permissible for a flue serving a gas fire.

Regulation 26 modifies the conditions (in connection with precautions against the spread of fire) applicable to the siting of small domestic buildings such as summerhouses and sheds.

Regulation 27 adapts the required calculation of floor loading (in the interests of structural stability) to take account of the recommendations contained in Amendment No. 3 (PD5516), published in April 1965, to British Standard Code of Practice CP3:Chapter V:1952.

The replacement of the previous amendments, and the new amendments, will come into operation together on 1st November 1966.