

November 26, 1948

LIST OF PUBLISHED MATERIAL  
RELATING TO BUILDING REGULATION

This list is intended to be of assistance to those interested in studying, developing, or revising building plumbing regulations. It includes publications issued by the National Bureau of Standards and material issued under the procedure of the American Standards Association, with which the Bureau cooperates in the development of building code standards.

Where prices are shown, the Bureau publications may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D.C. The prices quoted are for delivery to addresses in the United States and its territories and possessions and in certain foreign countries which extend the franking privilege. For all other countries, one-third the cost of the publication should be added to cover postage. Prepayment is required and should be made either by coupons, obtainable from the Superintendent of Documents in sets of 20 for \$1.00 and good until used, or by check or money order payable to the Superintendent of Documents. An order blank for government publications will be found at the end of this list.

Publications marked "OP" are out of print but, in general, may be consulted in technical libraries.

Publications of the National Bureau of Standards                      Series    Price

Preparation and revision of building codes. G. N. Thompson.  
(1939). 18p. - - - - - BMS19    15¢

Presents information for the use of local committees charged with the responsibility of preparing or revising building codes. This is drawn from material accumulated at the National Bureau of Standards over a period of years in connection with development of recommended building code requirements. Covers the influence of the building code on the community; the basic principles involved; deficiencies evident in existing codes; methods of arrangement, numbering, and presentation; and the use of national standards. Gives references to sources of technical information and to articles by various authorities on the subject. Also gives extracts from local codes, to illustrate various ways of dealing with major problems.

Building code requirements for new dwelling construction. (1947).  
43p. - - - - - BMS107    20¢

Presents recommendations of the National Housing Agency prepared in consultation with the National Bureau of Standards. Applies to single- and two-family houses and multiple dwellings of limited height; cites certain well-developed standards as acceptable good practice; and provides for recognizing new developments in the building field. (Supersedes BMS68)

American standard building code requirements for masonry. (Prepared under the procedure of the American Standards Association, the National Bureau of Standards acting as sponsor.) (1944). 37p. ML74 15¢

A complete set of minimum requirements for masonry construction, including materials and allowable stresses and general requirements for all types of masonry except reinforced masonry.

Fire-resistance classifications of building constructions. (1942). 70p. - - - - - BMS92 30¢

Presents information on the application of classifications of building construction to the fire severity obtaining for given structural and occupancy conditions; discusses types of restrictions and limitations generally incorporated in building codes; gives results of surveys of combustible contents of buildings housing typical occupancies as a basis for estimation of fire severity; gives fire-resistance ratings of building constructions and fire-resistance classifications of roofing materials.

Fire tests of wood- and metal-framed partitions. (1941). 5lp. 17 illus. - - - - - BMS71 20¢

Presents results of fire tests of partition constructions representative of a wide range in materials and design and in terms of performance under recognized testing procedure.

American standard building code requirements for minimum design loads in buildings and other structures. (Prepared under the procedure of the American Standards Association, the National Bureau of Standards acting as sponsor.) (1945). 32p. 3 illus. ML79 10¢

Presents requirements covering dead, live, snow, wind, and earthquake loads. Information intended to assist local committees and officials in applying the requirements is given in an appendix.

Minimum live loads allowable for use in design of buildings. (1924). 38p. - - - - - BH7 OP

Presents recommended minimum live loads to be assumed as the basis for building design; together with much information on the floor loads characteristic of different occupancies or resulting from storage of different commodities. Report includes material on wind pressures, impact allowances, and administration of live-load requirements in building codes.

Strength of houses: The application of engineering principles to structural design. (1948). 13lp. - - - - - BMS109 \$1.50

Presents methods for determining allowable loads for walls, floors, and roofs of small houses to provide sufficient strength without waste of material. Includes compressive, transverse, and racking loads for each element of a house for typical one- and two-story houses in several representative locations in the United States.

Design and construction of building exits. (1935). 76p. 19 illus. - M151 10¢  
 Presents results of a study of current practice in exit design and of observations on the flow of persons down stairways and through doorways; discusses types of exit requirements; contains an appendix in which are given recommendations for consideration in revising building codes.

Building materials and structures reports published by the National Bureau of Standards (a list). 5p. mimeographed. - - - - - LC902 Free  
 (Supersedes LC800)  
 Presents a list of reports containing results of tests performed on a number of prefabricated wall, floor, and roof panels and on conventional types of construction, as well as information on heating, plumbing, and miscellaneous features of building construction and equipment.

Standards and specifications for building and construction materials, fixtures, supplies, and equipment. (1948). 22p. mimeographed. (Supersedes LC860) - - - - - LC896 Free  
 Presents a list of Commercial Standards, Simplified Practice Recommendations, and Federal Specifications, including information on grades, sizes, and varieties.

Recommended minimum requirements for plumbing (including Supplement, Progress Revision, May 1931). (1932). 28p. 114 illus. (Supersedes BH2) - - - - - BH13 75¢  
 Presents recommended plumbing code requirements for installations in all types of buildings; together with a statement of the fundamental principles governing plumbing regulation; a discussion of licensing and regulation of plumbers; a description of extensive experiments on which recommended requirements are based; notes on various special features of plumbing installations.

Material Prepared Under A.S.A. Procedure

Except where otherwise noted, the material may be obtained from the American Standards Association, 70 East 45th Street, New York 17, N.Y., at the prices given.

Series & Price

Information on sources of material for use in preparing and revising local building codes. (1947). 32p. mimeographed - - - - - CB125  
 Includes a selection of items available from responsible organizations. Compiled by the Building Code Correlating Committee of the ASA in cooperation with the National Bureau of Standards. Free

Building code arrangement. (1944). 13p. mimeographed - - - - - CB83  
 Presents main order of code arrangement approved by the Building Code Correlating Committee of the ASA, together with listing of main items under each main heading. (being revised)

- Administrative requirements for building codes. - - - - - A55.1-1948  
Presents requirements and directions necessary for reasonable and effective enforcement of building regulations.
  
- American standard building code requirements for light and ventilation. 18p. - - - - - A53.1-1946  
Presents requirements for lighting and ventilation of buildings and other structures and indicates the conditions under which artificial light and mechanical ventilation may be permitted. 50¢
  
- American standard building code requirements for masonry. 34p. (ASA edition) - - - - - A41.1-1944  
A complete set of minimum requirements for masonry construction, including materials and allowable stresses and general requirements for all types of masonry except reinforced masonry. 75¢
  
- Standard specifications for gypsum plastering. 14p. - - - - - A42.1-1946  
Presents requirements for materials and their application, including requirements for lathing and furring. 35¢
  
- Standard specifications for portland cement stucco and portland cement plastering. 18p. - - - - - & A42.2-1946  
Presents requirements for materials and their application, including requirements for lathing and furring. A42.3-1946  
50¢
  
- Standard methods of fire tests of building construction and materials. (ASTM Designation E119-41). 7p. - - - - - A2.1-1942  
Presents requirements for the control of fire tests; classification as determined by test; test structures and samples; and conduct of tests for various constructions. (under revision)
  
- Standard methods of fire tests of door assemblies. (ASTM Designation E152-41). 5p. - - - - - A2.2-1942  
Presents requirements for the control of fire tests; test structures and assemblies; conduct of fire tests; and conditions of acceptance. 25¢
  
- American standard building code requirements for reinforced concrete (ACI 318-47). 64p. - - - - - A89.1-1948  
Presents detailed recommendations for the design and construction of reinforced concrete structures. 50¢
  
- American standard building code requirements for reinforced gypsum concrete. 6p. - - - - - A59.1-1945  
Presents requirements intended to regulate materials used in reinforced gypsum concrete floors and roofs, their design and construction. 35¢

American standard building code requirements for structural steel (riveted, bolted, or welded construction). 24p. - - - - - A57.1-1943  
 75¢  
 Presents requirements for the design, fabrication, and erection of structural steel for buildings and other structures, including materials, stresses, loads, and connections; but does not apply to steel joists, members formed of flat rolled steel, light-gage steel construction, and other miscellaneous light-steel construction.

American standard building code requirements for steel joist construction. 7p. - - - - - A37.1-1947  
 35¢  
 Presents requirements for the use of steel-joist construction in buildings of all occupancies.

American standard building code requirements for minimum design loads in buildings and other structures. (ASA edition) - - - A58.1-1945  
 75¢  
 Presents requirements covering dead, live, snow, wind, and earthquake loads. Information intended to assist local committees and officials in applying the requirements is given in an appendix.

American standard specifications for portable steel and wood grandstands. 17p. - - - - - Z20.1-1941  
 75¢  
 Presents specific requirements for portable grandstands.

Standard for grandstands, tents and other places of outdoor assembly. - - - - - Z20.2  
 Presents requirements to provide for safety of persons occupying places of outdoor assembly, including design standards, ways of egress, and fire-safety provisions. (Preliminary edition is available from National Fire Protection Assn., 60 Batterymarch St., Boston 10, Mass. 25¢)

Building exits code. 119p. - - - - - A9.1  
 \$1.00  
 Presents suggested requirements in detail for number and size of stairways, etc., for various occupancies. (Available as "Building Exits Code," 9th ed., 1943, from National Fire Protection Assn., 60 Batterymarch St., Boston 10, Mass.)

Safety code for building construction. 83p. - - - - - A10.2-1944  
 \$1.75  
 Applies only to ordinary building construction and contains the basic requirements for the operations usually encountered in such work.

American standard safety code for elevators, dumbwaiters, and escalators. (including 1942 supplement). 137 p. - - - - - A17.1-1937  
 \$1.50  
 Presents recommended requirements generally recognized as standard throughout the country.

American recommended practice for the inspection of elevators. (companion volume to A17.1-1937). 125p. - - - - - A17.2-1945  
 \$1.50

National electrical code. 376p. - - - - - C1-1946  
 10¢  
 Presents recommended requirements generally recognized as standard throughout the country.





