

fire grading established for the use of greatest fire hazard separated by fireproof or fire-resistant walls... 119.3. Separation and Base of Structural Members... 119.3.2. Heavy Timber Construction... 119.3.4. Hazardous Spaces...

buildings. 119.9. Inspection.—No framping shall be concealed or covered until it has been inspected and approved by the building official.

SECTION 120. CONVEYOR EQUIPMENT
The design, construction, installation, maintenance and operation of all elevators, dumbwaiters, moving stairways and conveyors for moving persons and material... 120.1. Tests and Inspections... 120.2. Moving Stairways... 120.3. Existing Elevators...

SECTION 121.0. ELECTRIC EQUIPMENT AND WIRING
All new electric wiring for light, heat and power service equipment, for fire alarm, fire detection, public address, public utility or other wiring systems in buildings and structures shall comply with the National Electrical Code listed in Appendix B.

121.1. Electric Equipment Standards.—The materials, fittings, appliances and accessories... 121.2. Minor repair work, the replacement of lamps or the connection of portable electrical equipment to suitable permanently installed receptacles... 121.3. Installation, alteration or repair of electrical equipment...

121.4. Fees for Permits and Inspection.—Fees for electrical permits shall be established by resolution of the City Commission... 121.5. Inspections and Certificates.—Upon completion of any installation... 121.6. Written to Installations: It shall be unlawful for any person...

121.7. License to do Electrical Work.—It shall be unlawful for any person to engage in or attempt to engage as an independent contractor, or for any person to engage as an independent contractor...

121.8. Electrical Contractors.—A Board of Electrical Examiners consisting of the Electrical and Building Inspector of the City of Birmingham, a representative of an Electrical Utility Company, a licensed Electrical Inspector... 121.9. Fire Stoppings.—Firestopping shall be designed and installed to close all concealed shaft openings and to form effective fire barriers...

121.9.2. Furred Spaces.—All furred spaces of frame walls and studs... 121.9.3. Sliding Doors.—Where sliding doors are docked in partition walls... 121.9.4. Stairways.—On other than single-family dwellings, firestopping shall be provided between stair stringers... 121.9.5. Pipes and Ducts.—The space around pipes, ducts or power equipment shall be firestopped by filling with noncombustible materials...

hazard and the building, equipped with an approved sprinkler system not otherwise required... 122.1. Standpipes.—Standpipes shall be equipped in every building... 122.2. Exceptions.—Buildings of fire-resistive construction equipped with an approved automatic sprinkler system not otherwise required by this code...

122.3. Automatic Sprinklers.—Buildings of the use groups herein specified shall be equipped with an automatic sprinkler system conforming to the provisions of the Basic Building Code and the applicable standards listed in Appendix C.

122.3.1. Partial Protection.—All parts and areas of residential, institutional and assembly buildings, other than one and two-family dwellings... 122.3.2. Standby Equipment.—Approved hand-operated auxiliary fire extinguishing equipment including water barrels, buckets, hand fire extinguishers...

122.3.3. Fire Drills.—Fifty per cent of the fire drills shall be conducted simultaneously throughout the building at least once every thirty (30) days... 122.3.4. Fire Brigades and Watchman Service.—In hotel, institutional and industrial buildings requiring interior fire alarm signal systems...

122.3.5. Temporary Occupancy.—During the construction, moving, wrecking or repair of a building the extent of the occupancy of any sidewalk, street, alley or other public property shall be governed by the provisions of this code...

SECTION 123.0.—PRECAUTIONS DURING BUILDING OPERATIONS
123.1. Temporary Occupancy.—During the construction, moving, wrecking or repair of a building the extent of the occupancy of any sidewalk, street, alley or other public property shall be governed by the provisions of this code...

123.2. Protection of the Public.—All building, wrecking, repairing or moving operation shall be conducted in a safe and careful manner... 123.3. Temporary Occupancy.—During the construction, moving, wrecking or repair of a building the extent of the occupancy of any sidewalk, street, alley or other public property shall be governed by the provisions of this code...

123.4. Temporary Occupancy.—During the construction, moving, wrecking or repair of a building the extent of the occupancy of any sidewalk, street, alley or other public property shall be governed by the provisions of this code...

123.5. Temporary Occupancy.—During the construction, moving, wrecking or repair of a building the extent of the occupancy of any sidewalk, street, alley or other public property shall be governed by the provisions of this code...

123.6. Temporary Occupancy.—During the construction, moving, wrecking or repair of a building the extent of the occupancy of any sidewalk, street, alley or other public property shall be governed by the provisions of this code...

(8) feet in clear height above the walkway shall be maintained over the walkway... 123.7. Temporary Occupancy.—During the construction, moving, wrecking or repair of a building the extent of the occupancy of any sidewalk, street, alley or other public property shall be governed by the provisions of this code...

123.8. Temporary Occupancy.—During the construction, moving, wrecking or repair of a building the extent of the occupancy of any sidewalk, street, alley or other public property shall be governed by the provisions of this code...

123.9. Temporary Occupancy.—During the construction, moving, wrecking or repair of a building the extent of the occupancy of any sidewalk, street, alley or other public property shall be governed by the provisions of this code...

123.10. Temporary Occupancy.—During the construction, moving, wrecking or repair of a building the extent of the occupancy of any sidewalk, street, alley or other public property shall be governed by the provisions of this code...

123.11. Temporary Occupancy.—During the construction, moving, wrecking or repair of a building the extent of the occupancy of any sidewalk, street, alley or other public property shall be governed by the provisions of this code...

123.12. Temporary Occupancy.—During the construction, moving, wrecking or repair of a building the extent of the occupancy of any sidewalk, street, alley or other public property shall be governed by the provisions of this code...

123.13. Temporary Occupancy.—During the construction, moving, wrecking or repair of a building the extent of the occupancy of any sidewalk, street, alley or other public property shall be governed by the provisions of this code...

123.14. Temporary Occupancy.—During the construction, moving, wrecking or repair of a building the extent of the occupancy of any sidewalk, street, alley or other public property shall be governed by the provisions of this code...

123.15. Temporary Occupancy.—During the construction, moving, wrecking or repair of a building the extent of the occupancy of any sidewalk, street, alley or other public property shall be governed by the provisions of this code...

123.16. Temporary Occupancy.—During the construction, moving, wrecking or repair of a building the extent of the occupancy of any sidewalk, street, alley or other public property shall be governed by the provisions of this code...

123.17. Temporary Occupancy.—During the construction, moving, wrecking or repair of a building the extent of the occupancy of any sidewalk, street, alley or other public property shall be governed by the provisions of this code...

TABLE 31.—TIME-TEMPERATURE PERFORMANCE OF FIRE DOORS

Table with 3 columns: Use, Fire-resistance rating in hours, and Fire-resistance rating in minutes. Rows include Fire walls and fire partitions, Stairway enclosures, Fire doors, etc.

CHAD M. RITCHIE CRENE E. HANLEY IRENE M. HANLEY

- ACCREDITED APPENDIX A AUTHORITY AGENCIES
AMA Acoustical Materials Association
AGA American Concrete Institute
AIA American Institute of Architects
AIEE American Institute of Electrical Engineers
AISC American Institute of Steel Construction
AIAA American Institute for Testing and Materials
AISI American Iron and Steel Institute
ASCE American Society of Civil Engineers
ASMA American Society of Mechanical Engineers
ASME American Society of Mechanical Engineers
ASRE American Society of Refrigerating Engineers
ASST American Society for Testing and Materials
BOA Building Officials Conference of America, Inc.
BOC Building Officials Foundation
BOF Building Officials Foundation
DFA Douglas Fire Plywood Association
FMA Factory Mutual Laboratories
FPA Fire Protection Association
Gypsum Association
HHA Housing and Home Finance Agency
HMA Home Manufacturers Association
IAE International Association of Electrical Insulators
IBI Insulation Board Institute
IBC International Brotherhood of Bricklayers
ILMA Metal Lath Manufacturers Association
NAHE National Association of Home Builders
NBB National Board of Boiler and Pressure Vessel Inspectors
NBFA National Board of Fire Underwriters
NBS National Bureau of Standards, Department of Commerce
NEMA National Electrical Manufacturers Association
NFPA National Fire Protection Association
NLA National Lumber Manufacturers Association
NMA National Metal Trade Association
NPA National Paint and Coatings Association
PCA Portland Cement Association
PWA Prefabricated Wall Manufacturers Association
PFI Perlite Institute
PMA Prefabricated Metal Manufacturers Association
SBJ Structural Building Congress
SJI Steel Joint Institute
USDC Underwriters Laboratories, Inc.
USFS United States Forest Service
USPS Vermiculite Institute
WHI White Industries Institute
Note: See appendix A, Basic Building Code.

APPENDIX B ACCEPTED ENGINEERING PRACTICE STANDARDS

- Automotive Lites ASA 1947
BOCA Basic Code BOF—1948
Boiler Code and Unfired Pressure Vessels ASME—1948
Building Code Requirements for Masonry ASA 9.1—1948
Building Code Requirements for Light and Medium Duty Buildings ASA 5.1—1946
Design Loads ASA 5.8.1—1946
Building Code Requirements for New Dwelling Units NBS BMS 107—1947
Building Code Requirements for Gypsum Plastering ASA A4.2—1946
Building Code Requirements for Portland Cement Concrete ASA 2.2—1946
Building Code Requirements for Portland Cement Mortar ASA 3.2—1946
Cement Plastering ASA A4.2.3—1946
Concrete Reinforcing Steel Institute ASA 9.1—1948
Clay Pipe Linings ASA A6.2—1947
Coordination of Dimensions of Building Components ASA A.6.2.4—1945
Copper Pipe, Specifications for ASTM B 42—47
Copper Tubes, Seamless ASTM B 75—48T
Fiber Insulating Boards ASTM B 88—48
Structural—USDC AS 42—43 and Fed Spec. LLL-P-32—42
Fire-Resistive Classification of Building Construction NBS BMS 81—1947
Fire Alarm Systems NBSF BMS 107—1946
Fire Resistance Classification of Building Construction NBS BMS 92—1947
First Aid Fire Appliances NBSF BMS 10—1947
Grandstands, Tents and Outdoor Assembly Structures ASA Z 202—1949
Specifications for Design ASA 1.1—1946
Light Gauge Steel Design Manual ASA 1.1—1946
Masonry Construction ASA A4.1—1944
Mechanical Refrigeration ASA B9.1—1950
Minimum Requirements for Plumbing Construction USDC BMS 107—1946
Minimum Requirements for Small Dwelling Units NBS BMS 107—1946
National Electrical Code NBSF BMS 107—1946
National Fire Protection Association USDC BMS 75—1942
Operative Building Code Requirements for Building Construction ASA A4.0.7—1949
Plumbing Code (City of Detroit) USDC CS35—1947
Plumbing Code (International Brotherhood of Plumbers) USDC CS35—1947
Plywood (Western Softwood Red Cedar) USDC CS35—1947
Plywood Methods of Calculating Structural Strength USFS Oct.—1946
Precast Concrete Floor Units ACI 711—1946
Prefabricated Homes USDC CS 125—1947
Preparation and Requirements of Building Codes NBS BMS 107—1946
Pressure Piping USDC BMS 81—1947
Safety Code for Building Construction ASA 1.1—1937 and A 1.7.3—1942
Safety Code for Fire Prevention, Detection and Moving Buildings USDC A.1.1—1937 and A 1.7.3—1942
Safety Code for Prevention of Dust Explosion USDC A.1.1—1937 and A 1.7.3—1942
Signs and Outdoor Display Structures ASA 6.0—1949
Solder ASA 9.1—1948
Steel Decking for Copper Water Tubes ASTM A40—1947
Sprinkler Equipment NBSF B13—1947
Stack Venting of Plumbing Fixtures NBS BMS 107—1946
Structural Steel Building Construction NBSF B13—1947
Standpipe and Hose Systems NBSF B13—1947
Steel Joint Construction ASA A.7.1—1947
Structural Properties Low Cost Housing USDC BMS 2—1948
Structural Properties Prefabricated Plywood USDC BMS 107—1946
Structural Steel Building Code, Fabrication, Installation and Erection ASCE—1948
Unfired Pressure Vessels ASME—1948
Vermiculite Institute USDC BMS 107—1946
Wood Handbook USFS—1947
High hazard materials, handling and storage, fire protection and safety equipment to be specified in design and standards NBSF
Inspection service, test reports and approved lists of building materials and equipment to be specified in design and standards ULI
Test investigations and reports of special hazards, water supply, building construction, mill fire prevention, etc. FMI
Reports and test reports of special hazards, water supply and reports (Continued on Page 7, Part 5)