

# INDUSTRIAL COMMISSION OF WISCONSIN

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## BUILDING CODE SUPPLEMENT

In this supplement are included the amendments to the Building Code, issued by the Industrial Commission, which have become effective since April 16, 1931. These amendments are a part of the Building Code.

The amended orders, order 5314 and order 5752, which are included in this supplement became effective September 12, 1932. Under order 5314, only that part which was changed, sub-section 4, has been included herein, but order 5752 was completely revised and is printed in full.

### Order 5314. Concrete Materials.

4. Metal Reinforcement. Metal reinforcement shall conform to the requirements of the Standard Specifications for Billet-Steel Concrete Reinforcement Bars, Serial Designation A15-30, or for Rail-Steel Concrete Reinforcement Bars, Serial Designation A16-14, of the American Society for Testing Materials. The provision in these specifications for machining deformed bars before testing shall be eliminated.

Wire for concrete reinforcement shall conform to the requirements of the Standard Specifications for Cold-Drawn Steel Wire for Concrete Reinforcement, Serial Designation A82-27, of the American Society for Testing Materials.

## Order 5752. Filling Stations; Buildings and Structures.

### 1. DEFINITIONS.

(a) By filling station is meant one or more pumps, tanks and other pieces of equipment used in the storage and dispensing of liquid fuels arranged for convenient delivery of such liquid fuels to the public on the premises.

(b) The term "erected in connection with" used in this order as applied to any structure means located so that any part, including eaves and canopy, is less than 15 feet distant from pumps or other dispensing equipment on the same premises.

2. All buildings or structures, including canopies, erected in connection with a filling station shall be of incombustible construction throughout, except as follows:

(a) Where the building is not more than one story in height, occupies an area not exceeding 500 square feet and no part of the building is less than 10 feet from the dispensing equipment, from the boundary lines between premises, and from other buildings on the same premises, such building may be of frame construction (except that the roof shall have a fire resistive covering as in order 5107), or better.

(b) Where the building occupies an area more than 500 square feet and any part of the building is less than 10 feet from the dispensing equipment, such buildings shall comply with the requirements which apply to public garages in addition to the requirements of this order.

(c) Where the building is used as an office building, exclusively, or in connection with other non-hazardous occupancy, is not more than one story in height and is located not less than 30 feet from other buildings on the same premises and from the boundary lines between premises, such buildings may be of frame construction, or better.

Buildings or structures housing pumps and similar equipment used to dispense liquid fuel shall be of incombustible construction throughout, but no pumps or similar equipment used to dispense liquid fuel to the public, except where all of the discharge equipment is located outside the plane of the outside walls, shall be located or installed within or under any occupied part of any building or structure.

All openings in walls which are less than 10 feet, but not less than 5 feet, from the boundary lines between premises and other buildings on the same premises shall be protected by means of standard fire doors (order 5110), standard fire windows (order 5111), or standard fire shutters (order 5110); all walls which are less than 5 feet from the boundary lines between premises and from other buildings on the same premises shall be unpierced.

The main floor level of any building built in connection with equipment used to dispense liquid fuel shall not be below the level of the driveway or grade at such equipment, nor below the level of the lowest outflow level from the dispensing area.

There shall be no basement or other open space under the floor of the dispensing area outside of the building. There shall be no basement or other open space under the floor of any filling station building, unless:

(1) the main floor level is not less than 6 inches above the driveway or grade at the dispensing equipment and the lowest outflow level from the dispensing area, and

(2) there is no outside entrance, window or other opening (in walls) to such under floor space, except fuel chutes or similar vertical openings having a tight fitting cover, the bottom of which opening shall be not less than 6 inches above the driveway or grade at the dispensing equipment and the lowest outflow level, and

(3) the floor and enclosure of the under floor space is of fireproof construction (order 5100), and

(4) the under floor space is effectively vented by gravity means.

By basement or open space under a floor or dispensing area is meant any space that does not have an outlet, at or above grade, from the lowest level.

For requirements which apply to garages, including pits in garage areas, see order 5750.

For requirements which apply to storage, handling, etc. of liquid fuels, see the Flammable Liquids Code issued by the Industrial Commission.

