

## Chapter Ind 163

## SCHOOLS AND OTHER PLACES OF INSTRUCTION

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The requirements of the following sections apply to buildings of this classification only.

For other general requirements, see Ch. Ind 160.

**Ind 163.001 Scope.** Under this classification are included all public, parochial, and private schools, colleges, universities, academies, semi-naries, libraries, museums and art galleries; including all buildings or parts of buildings used for the purpose of acquiring knowledge.

**History:** 1-2-56; renum., Register, September, 1974, No. 225, eff. 10-1-74.

**Ind 163.01 Exits.** (1) Every building more than one story in height shall have at least 2 exits from each floor. If there are more than 2 classrooms between the end of the building and the nearest exit, an additional exit shall be provided at the end of the building.

(2) The exits herein required shall be either stairways, or fire escapes, or horizontal exits (section Ind 160.14). But in every non-fire-resistive building more than 2 stories in height, at least one exit shall be a fire escape or an outside covered incombustible stairway or horizontal exit, unless the inside stairways are enclosed with fire-resistive partitions and doors (sections Ind 160.08-160.11).

(3) In buildings 2 or more stories in height, all basement stairways shall be enclosed with one-hour fire-resistive partitions and fire-resistive doors as specified in section Ind 160.08.

(4) The storage of material below stairways or stair landings is prohibited.

**History:** 1-2-56; renum. and am., Register, September, 1974, No. 225, eff. 10-1-74.

**Ind 163.02 Fire escapes.** Fire escapes hereafter constructed shall be stairway fire escapes as described in sections Ind 160.14-160.23; on buildings which accommodate more than 100 persons above the first floor, such fire escapes shall be "B" type fire escapes. Existing stairway fire escapes will be accepted if strongly and properly built and in good condition. Ladders are not accepted as exits under any condition.

**History:** 1-2-56; renum. and am., Register, September, 1974, No. 225, eff. 10-1-74.

**Ind 163.03 Stairways.** (1) Inside stairways at a steeper angle than 45 degrees with the horizontal are not accepted as exits.

(2) Every stairway which serves as an exit, shall lead to a separate exit door.

(3) All stairways and steps of more than 3 risers shall have at least one handrail. Stairways and steps which are 5 feet or more in width, or which are open on both sides, shall have a handrail on each side. Rails shall be not less than 2 feet 6 inches vertically above nose of treads or 3 feet above platform.

**History:** 1-2-56; renum., Register, September, 1974, No. 225, eff. 10-1-74.

**Ind 163.04 Exit doors.** Exit doors shall be as required in section Ind 160.24 but no revolving door shall be considered as an exit from a building in this classification.

*Note:* Single doors are better than double doors for school buildings.

**History:** 1-2-56; renum., Register, September, 1974, No. 225, eff. 10-1-74.

**Ind 163.05 Classrooms; floor space.** (1) The minimum floor space for recitation or classrooms shall be 18 square feet per person.

(2) Rooms used only for study purposes shall have a minimum floor space of 15 square feet per person.

(3) In colleges or universities, classrooms seated with tablet arm chairs or seats without desks shall have a minimum floor space of 10 square feet per person.

(4) No greater number of persons than the number thus established shall be permitted in any classroom.

**History:** 1-2-56; renum., Register, September, 1974, No. 225, eff. 10-1-74.

**Ind 163.06 Seats and desks.** (1) Seats, chairs and desks (except those used by teachers) in class, recitation, or study rooms seating more than 50 persons shall be securely fastened to the floor, or not less than 4 seats (or 2 seats and 2 desks) shall be fastened together.

(2) Assembly hall seats and aisles shall conform to the requirements for assembly halls (section Ind 162.08-162.10).

**History:** 1-2-56; renum. and am., Register, September, 1974, No. 225, eff. 10-1-74.

**Ind 163.07 Fire extinguishers.** (1) In all buildings not provided with interior standpipes, standard chemical fire extinguishers (Section Ind 160.27) shall be provided in the proportion of one extinguisher to each 2500 square feet of floor area or fraction; but there shall be at least one fire extinguisher on each floor. All fire extinguishers shall be prominently exposed to view and always accessible.

(2) In addition to the fire extinguishers required for general protection, there shall be at least one extinguisher of appropriate size and type in each laboratory, kitchen, shop, or other vocational room.

**History:** 1-2-56; renum. and am., Register, September, 1974, No. 225, eff. 10-1-74.

**Ind 163.08 Fire alarms.** (1) Every building 2 stories or more in height shall be provided with a proper alarm system complying with section Ind 160.29.

(2) Exception: A hand-operated alarm if permanently installed and so arranged that it can be operated from any story, including the basement, may be used in school buildings not more than 2 stories in height and having not more than 2 standard size classrooms on the second floor.

**History:** 1-2-56; renum., Register, September, 1974, No. 225, eff. 10-1-74.

**Ind 163.09 Heating plants.** (1) In every building, all heating plants including the breeching and fuel rooms, shall be enclosed in a sepa-

rate room having a two-hour fire-resistive floor. The walls and ceiling shall be of one-hour fire-resistive construction, or better.

(2) All openings shall be protected with self-closing fire-resistive doors.

(3) **Exception:** This requirement shall not apply to buildings where jacketed stoves or school room heaters are permitted.

**History:** 1-2-56; renum., Register, September, 1974, No. 225, eff. 10-1-74.

**Ind 163.10 Sanitary equipment.** Separate toilets shall be provided for each sex in connection with all schools, as required by sections Ind 52.62 and 56.16 of the state building code.

**History:** 1-2-56; renum., Register, September, 1974, No. 225, eff. 10-1-74.