

**1305.0420 SECTION 420, GROUPS I-1, R-1, R-2, R-3 and R-4.**

Subpart 1. **IBC section 420.1.** IBC section 420.1 is amended to read as follows:

**420.1 General.** Occupancies in Groups I-1, R-1, R-2, R-3, and R-4 shall comply with the provisions of Sections 420.1 through 420.12 and other applicable provisions of this code.

Subp. 1a. **IBC section 420.7.** IBC section 420.7 is amended to read as follows:

**420.7 Group I-1 assisted living housing units.** In Group I-1 occupancies, where a fire-resistance rated corridor is provided in areas where assisted living residents are housed, shared living spaces, group meeting spaces, and multipurpose therapeutic spaces open to the corridor shall be in accordance with all of the following criteria:

1. The walls and ceilings of the space are constructed as required for corridors.
2. The spaces are not occupied as resident sleeping rooms, treatment rooms, incidental uses in accordance with Section 509, or hazardous uses.
3. The open space is protected by an automatic smoke detection system installed in accordance with Section 907.
4. In Group I-1, Condition 1, the corridors onto which the spaces open are protected by an automatic smoke detection system installed in accordance with Section 907, or the spaces are equipped throughout with quick-response sprinklers in accordance with Section 903.3.2.
5. In Group I-1, Condition 2, the corridors onto which the spaces open, in the same smoke compartment, are protected by an automatic smoke detection system installed in accordance with Section 907, or the smoke compartment in which the spaces are located is equipped throughout with quick-response sprinklers in accordance with Section 903.3.2.
6. The space is arranged so as not to obstruct access to the required exits.

Subp. 1b. **IBC section 420.10.** IBC section 420.10 is amended to read as follows:

**420.10 Group R-2 congregate living cooking facilities.** Domestic cooking appliances for use by residents of Group R-2 congregate living facilities shall be in accordance with Sections 420.10.1 and 420.10.2.

**420.10.1 Cooking appliances.** Where located in Group R-2 congregate living facilities, installed domestic cooking appliances for use by residents shall be in compliance with all of the following:

1. the types of domestic cooking appliances shall be limited to ovens, cooktops, ranges, warmers, coffee makers, and microwaves;
2. domestic cooking appliances shall be limited to approved locations;
3. cooktops and ranges shall be protected in accordance with Section 904.13; and
4. cooktops and ranges shall be provided with a domestic cooking hood installed and constructed in accordance with IMC Section 505.

**420.10.2 Cooking appliances in sleeping rooms.** Cooktops, ranges, and ovens shall not be installed or used in sleeping rooms.

Subp. 2. **IBC section 420.** IBC section 420 is amended by adding two subsections to read as follows:

**420.11 Group R-3 and R-4 durability.** Group R-3 and R-4 occupancies shall meet the requirements for building durability of Minnesota Rules, chapter 1309, the Minnesota Residential Code, parts 1309.0402; 1309.0406, subpart 2; 1309.0702, subpart 2; 1309.0703, subpart 2a; 1309.0703, subpart 9; and 1309.0903.

**420.12 Fire protection of floors.** Floor assemblies, not required elsewhere in this code to be fire-resistance rated, shall be provided with 1/2-inch (12.7 mm) gypsum wallboard membrane, 5/8-inch (16 mm) wood structural panel membrane, or equivalent on the underside of the floor framing member.

**Exceptions:**

1. Floor assemblies located directly over a space protected by an automatic sprinkler system in accordance with NFPA 13D, or other approved equivalent sprinkler system.
2. Floor assemblies located directly over a crawl space not intended for storage or fuel-fired appliances.
3. Portions of the floor assemblies in Group R-3 can be unprotected when complying with the following:
  - a. the aggregate area of the unprotected portions shall not exceed 80 square feet per story; and
  - b. fire blocking in accordance with Section 717.2 shall be installed along the perimeter of the unprotected portion to separate the unprotected portion from the remainder of the floor assembly.
4. Wood floor assemblies in Group R-3 occupancies using dimension lumber or structural composite lumber equal to or greater than 2-inch by 10-inch (50.8 mm by 254 mm) nominal dimension, or other approved floor assemblies demonstrating equivalent fire performance.

**Statutory Authority:** *MS s 326B.02; 326B.101; 326B.106*

**History:** *39 SR 1605; 44 SR 609*

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