

1 Department of Administration

2

3 Adopted Permanent Rules Relating to Building Code Changes

4

5 Rules as Adopted

6 1300.2400 DEFINITIONS.

7 [For text of subs 1 to 5, see M.R.]

8 Subp. 6. Code. "Code" means the Minnesota State Building
9 Code adopted under Minnesota Statutes, section 16B.61,
10 subdivision 1, and includes the following chapters of Minnesota
11 Rules:

- 12 A. 1300, Minnesota Building Code;
- 13 B. 1301, Building Official Certification;
- 14 C. 1302, Construction Approvals;
- 15 D. 1305, Adoption of the Uniform Building Code;
- 16 E. 1306, Special Fire Protection Systems;
- 17 F. 1307, Elevators and Related Devices;
- 18 G. 1315, Adoption of the National Electrical Code;
- 19 H. 1325, Solar Energy Systems;
- 20 I. 1330, Fallout Shelters;
- 21 J. 1335, Floodproofing Regulations;
- 22 K. 1340, Facilities for the Handicapped;
- 23 L. 1346, Adoption of the Uniform Mechanical Code;
- 24 M. 1350, Manufactured Homes;
- 25 N. 1360, Prefabricated Buildings;
- 26 O. 1361, Industrialized/Modular Buildings;
- 27 P. 1365, Snow Loads;
- 28 Q. 1370, Storm Shelters (Manufactured Home Parks);
- 29 R. 4715, Minnesota Plumbing Code; and
- 30 S. 7670, Minnesota Energy Code.

31 See part 1300.2900 for those chapters that may be adopted
32 at the option of a municipality which has adopted the code.

33 [For text of subs 7 to 15, see M.R.]

34 1300.2900 OPTIONAL ADMINISTRATION.

35 Subp. 2. Administration optional. The following chapters

1 of the code are not mandatory but may be adopted without change
2 by a municipality which has adopted the code:

- 3 A. chapter 1306, special fire protection systems; and
4 B. chapter 1335, floodproofing regulations, parts
5 1335.0600 to 1335.1200.

6 1300.6300 EXTERIOR WOOD DECKS, PATIOS, AND BALCONIES.

7 The decking surface and upper portions of exterior wood
8 decks, patios, and balconies may be constructed of any of the
9 following materials:

- 10 A. the heartwood from species of wood having natural
11 resistance to decay or termites, including redwood and cedars;
12 B. grades of lumber which contain sapwood from
13 species of wood having natural resistance to decay or termites,
14 including redwood and cedars; or
15 C. treated wood.

16 The species and grades of wood products used to construct
17 the decking surface and upper portions of exterior decks,
18 patios, and balconies must be made available to the building
19 official on request before final construction approval. See
20 Uniform Building Code, chapter 23, for other weather exposure
21 provisions.

22 1305.0305 SECTION 305.2.3, SPECIAL PROVISIONS - GROUP E
23 OCCUPANCIES.

24 UBC Section 305.2.3 is amended in the exceptions as follows:

25 Exceptions: 1. (Unchanged).

26 2. Delete.

27 3. Revise the first sentence to read as follows:

28 For other than school buildings, Division 3 occupancies may
29 be located above the first story in buildings of Type I
30 construction and in Types II-F.R., II one-hour, and III one-hour
31 construction, subject to the limitation of Section 506 when:
32 (remaining unchanged).

33 Add an exception 4 to read as follows:

34 4. As permitted by part 1300.5100 of the Minnesota State
35 Building Code.

1 1305.0308 SECTION 308, GROUP I OCCUPANCIES.

2 [For text of subps 1 and 2, see M.R.]

3 Subp. 3. Section 308.2.2.2. UBC Section 308.2.2.2, Group
4 I, Division 3 occupancies, is amended by deleting the last
5 sentence and replacing it with the following:

6 There are no restrictions on the total number of glazed
7 openings in a smoke barrier provided vision panels are of
8 glazing material as specified in Section 713.9.

9 1305.0310 SECTION 310.9.1 SMOKE DETECTORS.

10 UBC Section 310.9.1.2 is amended in the exception to read
11 as follows:

12 Work on the exterior of a Group R occupancy which does not
13 require entry into the Group R occupancy for inspection is
14 exempt from the requirements of this section.

15 1305.0904 SECTION 904.2.4 GROUP E OCCUPANCIES.

16 Subpart 1. Section 904.2.4.1. UBC Section 904.2.4.1 is
17 amended as follows:

18 UBC Section 904.2.4.1 General. An automatic sprinkler
19 system shall be installed in Group E, Division I occupancies.

20 Exceptions: 1. (Unchanged).

21 2. When area separation walls, or occupancy separations
22 having a minimum fire-resistive rating of not less than the
23 greater of two hours or that required in Table 3-B, separate the
24 E-1 occupancy from other occupancies and subdivide the E-1
25 occupancy into compartments such that each compartment contains
26 an aggregate floor area not greater than 20,000 square feet
27 (1,858 m²), an automatic sprinkler system need not be provided.

28 Subp. 2. Table No. 9-A. UBC Table No. 9-A is amended as
29 follows:

30 Item No. 2 under the occupancy column of Table No. 9-A is
31 amended to read as follows:

32 Occupancies three stories or more but less than 150 feet in
33 height, except Group R Division 3⁷. Class II standpipes are not
34 required in Group E or Group R-1 occupancies.

1 UBC Table No. 9-A is amended by adding footnotes 8 and 9 to
2 item No. 2 to read as follows:

3 ⁸ In municipalities that have adopted the special fire
4 protection system criteria specified in Minnesota Rules, chapter
5 1306, the number of stories must be four or more.

6 ⁹ If an approved automatic fire extinguishing system
7 required by Section 904 is installed, the number of stories must
8 be four or more.

9 1305.1202 SECTION 1202, VENTILATION.

10 Subpart 1. Section 1202.2.1. UBC Section 1202.2.1, the
11 first paragraph, is amended to read as follows:

12 1202.2.1 General. All enclosed portions of Groups A, B, E,
13 F, H, I, M, and S occupancies customarily occupied by human
14 beings must be provided with natural ventilation by means of
15 openable exterior openings with an area not less than 1/20 of
16 the total floor area or must be provided with a mechanically
17 operated ventilation system. Except as provided in subpart 2,
18 the mechanically operated ventilation system must be designed in
19 accordance with either the Ventilation Rate Procedure or Indoor
20 Air Quality Procedure of ASHRAE Standard 62-1989. When using
21 the Ventilation Rate Procedure, the system must be designed to
22 provide not less than 15 cubic feet per minute of outside air
23 per occupant.

24 Subp. 2. Section 1202.2.4. UBC Section 1202.2.4, Group H,
25 Division 4 occupancies, is amended by amending the ventilation
26 rate of one cubic foot per minute per square foot of floor area
27 to three-fourths cubic foot per minute per square foot of floor
28 area.

29 UBC Section 1202.2.7, Group S parking garages, is amended
30 by amending the ventilation rate of 1.5 cubic feet per minute
31 per square foot of gross floor area to three-fourths cubic feet
32 per minute per square foot of gross floor area.

33 1305.1704 SECTION 1704, PREFABRICATED CONSTRUCTION.

34 UBC Section 1704 is deleted and replaced with the following:

35 1704.1 General. Prefabricated construction shall comply

1 with Minnesota Rules, chapter 1360 or 1361, as applicable.

2 1315.0200 SCOPE.

3 Subpart 1. **Electrical code.** All new electrical wiring,
4 apparatus, and equipment for electric light, heat, power, and
5 alarm and communication systems must comply with the regulations
6 contained in the 1996 edition of the National Electrical Code
7 (NEC) as approved by the American National Standards Institute
8 (ANSI/NFPA 70-1996), Minnesota Statutes, section 326.243, and
9 the Minnesota State Building Code as adopted by the commissioner
10 of administration. This subpart is effective July 1, 1996.

11 1325.1100 SOLAR ENERGY.

12 Subpart 1. **Authority.** This part is authorized by
13 Minnesota Statutes, section 216C.25, and established through the
14 rulemaking procedures in Minnesota Statutes, chapter 14.

15 Subp. 2. **Scope.** This part applies to solar energy systems
16 which are used to satisfy space heating and/or space cooling
17 and/or domestic or service hot water demands of buildings, and
18 shall be used for all solar energy systems as defined in
19 Minnesota Statutes, section 216C.06, subdivision 8; however,
20 this part does not apply to solar energy systems whose primary
21 purpose is to produce generated electric power. This part is to
22 be used in conjunction with existing building codes and
23 standards and does not replace existing building codes.

24 Subp. 3. **Purpose.** The purpose of this part is twofold:
25 first, to establish standards for the evaluation of the
26 performance, durability, reliability, and maintainability of
27 solar energy systems; and second, to require Solar Rating and
28 Certification Corporation (SRCC) certification that discloses to
29 each potential buyer of the extent to which the seller's solar
30 energy system meets or exceeds the SRCC Operating Guidelines and
31 Standards in subpart 4a.

32 Subp. 4. [See repealer.]

33 Subp. 4a. **Incorporation of Operating Guidelines and**
34 **Standards.** The publications in items A to C adopted by the
35 Solar Rating and Certification Corporation (SRCC) are

1 incorporated by reference and made part of the Minnesota State
2 Building Code. They are not subject to frequent change and are
3 available at the Minnesota state law library.

4 A. Document OG-100, Operating Guidelines for
5 Certifying Solar Collectors, dated April 1994.

6 B. Standard OG-100-86 (RA92), Test Methods and
7 Minimum Standards for Certifying Solar Collectors, dated April
8 1994.

9 C. Document OG-300-95, Operating Guidelines and
10 Minimum Standards for Certifying Solar Water Heating Systems,
11 dated August 1995.

12 Subp. 5. [See repealer.]

13 Subp. 5a. **Certification.** Solar collectors and solar water
14 heating systems sold, offered for sale, or installed in the
15 state must bear a Solar Rating and Certification Corporation
16 (SRCC) certification label evidencing the manufacturer's
17 compliance with the design, reliability, durability, safety,
18 operation, servicing, installation, and manual criteria
19 contained in the Operating Guidelines and Standards in subpart
20 4a. In addition, in accordance with the Operating Guidelines
21 and Standards, every seller of solar collectors and solar water
22 heating systems for installation in the state must provide every
23 bona fide prospective buyer a copy of the certification award
24 issued by the SRCC.

25 Subp. 6. **Enforcement.** The building official shall not
26 issue any permits required for installation of the electrical,
27 mechanical, or structural aspects of the solar energy system
28 until the seller has furnished the building official a copy of
29 the completed certification award required by this part. The
30 building official need not determine the accuracy of the
31 seller's certification award or otherwise determine the extent
32 to which the seller's solar energy system meets or exceeds the
33 Operating Guidelines and Standards in subpart 4a.

34 REPEALER. Minnesota Rules, parts 1310.0100; 1310.0200;
35 1310.0300; 1310.0400; 1310.0500; 1310.0600; 1310.0700;

1 1310.0800; 1310.0900; 1310.1000; 1310.1100; 1310.1200;
2 1310.1300; 1310.1400; 1310.1500; 1310.1600; 1310.1700;
3 1310.1800; 1310.1900; 1310.2000; 1310.2100; 1310.2200;
4 1310.2300; 1310.2400; 1310.2500; 1310.2600; 1310.2700;
5 1310.2800; 1310.2900; 1310.3000; 1310.3100; 1310.3200;
6 1310.3300; 1310.3400; 1310.3500; 1310.3600; 1310.3700;
7 1310.3800; 1310.3900; 1310.4000; 1310.9000; 1310.9100;
8 1310.9200; 1310.9300; 1325.1000; 1325.1100, subparts 4 and 5;
9 1325.1200; 1325.1300; 1325.1400; 1325.1500; 1325.1600;
10 1325.1700; 1325.1800; 1325.1900; 1325.2000; 1325.2100;
11 1325.2200; 1325.2300; 1325.2400; 1325.2500; 1325.2600;
12 1325.2700; 1325.2800; 1325.2900; 1325.3000; 1325.3100;
13 1325.3200; 1325.3300; 1325.3400; 1325.3500; 1325.3600;
14 1325.9000; 1325.9100; 1325.9200; 1325.9300; 1325.9400; and
15 1325.9500, are repealed.