

1 Department of Public Safety

2

3 Adopted Permanent Rules Relating to Minnesota Uniform Fire Code

4

5 Rules as Adopted

6 7510.3290 PURPOSE.

7 The purpose of parts 7510.3290 to 7510.3480 is to adopt  
8 uniform fire safety standards consistent with nationally  
9 recognized good practice for the safeguarding to a reasonable  
10 degree of life and property from the hazards of fire and  
11 explosion arising from the storage, handling and use of  
12 hazardous substances, materials and devices, and from conditions  
13 hazardous to life or property in the use or occupancy of  
14 buildings or premises.

15 7510.3300 SCOPE.

16 The scope of parts 7510.3290 to 7510.3480 is intended to be  
17 consistent with Minnesota Statutes, section 299F.011.

18 7510.3310 RULES AND STANDARDS ADOPTED BY REFERENCE.

19 The Uniform Fire Code, as promulgated by the International  
20 Conference of Building Officials, and the Western Fire Chiefs  
21 Association (Whittier, California, 1991) is incorporated by  
22 reference and made a part of Minnesota Rules pursuant to  
23 statutory authority, subject to the alterations and amendments  
24 in parts 7510.3290 to 7510.3480. The Uniform Fire Code is not  
25 subject to frequent change and is available at the State Law  
26 Library, 25 Constitution Avenue, Saint Paul, Minnesota 55155.

27 UNIFORM FIRE CODE AMENDMENTS

28 7510.3320 ARTICLE 1 OF UNIFORM FIRE CODE.

29 Sec. 1.101 of the Uniform Fire Code is amended to read:

30 Title

31 Sec. 1.101. This code shall be known as the Minnesota  
32 Uniform Fire Code, may be cited as such, and will be referred to  
33 herein as "this code."

1 7510.3330 ARTICLE 2 OF UNIFORM FIRE CODE.

2 Subpart 1. Sec. 2.102. Sec. 2.102 of the Uniform Fire  
3 Code is amended to read:

4 **Rules and Regulations**

5 **Sec. 2.102. (a) Local Government Amendments to Article 2.**  
6 Any jurisdiction which adopts this code is authorized to make  
7 amendments, by ordinance or regulation, to Article 2 hereof to  
8 provide for a system of enforcement and administration within  
9 the jurisdiction. These amendments shall be equal to, in  
10 addition to, or more stringent than this code. None of the  
11 existing provisions of Article 2 shall be changed nor shall any  
12 amendment be made which interferes with the intent of the  
13 existing provisions nor the state fire marshal's duties and  
14 powers thereunder.

15 **(b) Local Government Rules.** Any jurisdiction which adopts  
16 this code is authorized to adopt, by ordinance or regulation,  
17 rules for the prevention and control of fires and fire hazards  
18 as may be necessary from time to time, to carry out the intent  
19 of this code, and which may be more restrictive than this code  
20 when the rules are necessary to protect life or property in the  
21 community. The governing body may adopt this code by  
22 ordinance. One certified copy of the ordinance containing the  
23 rules shall be filed with the clerk of the jurisdiction and  
24 shall be in effect immediately thereafter, and additional copies  
25 shall be kept in the office of the fire department for  
26 distribution to the public.

27 Subp. 2. Sec. 2.103. Sec. 2.103 of the Uniform Fire Code  
28 is amended to read:

29 **Fire Prevention Bureau**

30 **Sec. 2.103.** A fire prevention bureau may be established  
31 within the fire department under the direction of the fire  
32 chief, which shall consist of such fire department personnel as  
33 may be assigned thereto by the fire chief. The function of this  
34 bureau shall be to assist the fire chief in the administration  
35 and enforcement of the fire prevention provisions of this code.

36 Subp. 3. Sec. 2.203. Sec. 2.203 of the Uniform Fire Code

1 is amended to read:

2 **Investigations**

3 **Sec. 2.203. (a) Investigation.** The fire department of any  
4 jurisdiction adopting this code shall investigate promptly the  
5 cause, origin and circumstances of each and every fire occurring  
6 in the municipality involving loss of life or injury to person  
7 or destruction or damage to property, and if it appears to the  
8 members of the fire department making the investigation that  
9 such fire is of suspicious origin, they shall then take  
10 immediate charge of all physical evidence relating to the cause  
11 of fire, shall notify the proper authorities designated by law  
12 to pursue the investigation of such matters, and shall cooperate  
13 with the authorities in the collection of evidence and in the  
14 prosecution of the case. The chief shall make a report in  
15 writing to the state fire marshal of all facts and findings  
16 relative to each investigation.

17 **(b) Police Department Assistance.** The police department  
18 may assist the fire department in its investigation whenever  
19 requested to do so.

20 **Subp. 4. Sec. 2.207.** Sec. 2.207 of the Uniform Fire Code  
21 is amended to read:

22 **Service of Orders and Notices**

23 **Sec. 2.207.** Any order or notice authorized or required by  
24 this code shall be given or served upon the owner, operator,  
25 occupant or other person responsible for the condition or  
26 violation either by oral notification, personal service, or by  
27 delivering the same to and leaving it with some person of  
28 suitable age and discretion upon the premises; or, if no such  
29 person is found on the premises, by affixing a copy thereof in a  
30 conspicuous place on the door to the entrance of said premises  
31 and by mailing a copy thereof to such person by mail to the  
32 person's last known address. Orders or notices given orally  
33 shall be confirmed by service in writing as herein provided.

34 **Subp. 5. Sec. 2.303.** Sec. 2.303 of the Uniform Fire Code  
35 is deleted.

36 **Subp. 6. Sec. 2.304(a).** The reference to Uniform Fire

1 Code Standard No. 82-1 listed under the heading of Article 82 in  
2 Sec. 2.304(a) is deleted.

3 Subp. 7. **Sec. 2.304(b).** The first paragraph of Sec.  
4 2.304(b) of the Uniform Fire Code is deleted and replaced with  
5 the following:

6 **Sec. 2.304. (b) Recognized Standards.** The following  
7 standards are intended for use as a guide in the design,  
8 fabrication, testing and use of equipment regulated by this code:

9 Subp. 8. **Sec. 2.304(c).** Sec. 2.304 of the Uniform Fire  
10 Code is amended by adding a subsection to read:

11 **Sec. 2.304. (c) Standard No. 101 Incorporated.** Whenever  
12 the Uniform Fire Code, as amended by parts 7510.3290 to  
13 7510.3480, is silent on any subject, for any reason, in any  
14 situation, the provision of protection shall be in accordance  
15 with the Life Safety Code, ANSI/NFPA 101, referred to as  
16 Standard No. 101, issued by the National Fire Protection  
17 Association (Quincy, Massachusetts, 1991), which is adopted by  
18 reference as part of this code as though set forth herein in its  
19 entirety. Construction provisions of Standard No. 101 which are  
20 more restrictive than those set forth in the Building Code shall  
21 not be applicable. For purposes of this subsection,  
22 construction provisions shall include those relating to type of  
23 construction, automatic fire-extinguishing and standpipe  
24 systems, fire alarm and detection systems, vertical opening  
25 protection, escape windows, exits, smoke barriers, handicapped  
26 accessibility and hazardous area separations. Standard No. 101  
27 is not subject to frequent change and is available at the State  
28 Law Library, 25 Constitution Avenue, Saint Paul, Minnesota 55155.

29 Subp. 9. **Sec. 2.304(d).** Sec. 2.304 of the Uniform Fire  
30 Code is amended by adding a subsection to read:

31 **Sec. 2.304. (d) Group I, Division 3 Protection.**  
32 Provisions for protection in Group I, Division 3 occupancies  
33 used as detention and correctional facilities shall be in  
34 accordance with the Building Code-Appendix, Chapter 10.

35 7510.3340 ARTICLE 4 OF UNIFORM FIRE CODE.

1 Subpart 1. Sec. 4.103. Sec. 4.103 of the Uniform Fire  
2 Code is amended to read:

3 Sec. 4.103. All applications for a permit required by this  
4 code shall be made to the chief in such form and detail as  
5 required by the chief. Applications for permits shall be  
6 accompanied by such plans as required by the chief.

7 Subp. 2. Sec. 4.108. The first phrase, including the  
8 colon, of Sec. 4.108 of the Uniform Fire Code is deleted and  
9 replaced with the following sentence:

10 Sec. 4.108. When required by the chief, a permit shall be  
11 obtained prior to engaging in any activities, operations,  
12 practices or functions as listed in this section.

13 7510.3350 ARTICLE 9 OF UNIFORM FIRE CODE.

14 Subpart 1. Sec. 9.103; adult day care center defined. Sec.  
15 9.103 of the Uniform Fire Code is amended by adding a definition  
16 to read:

17 Sec. 9.103. ADULT DAY CARE CENTER is a facility, licensed  
18 by the Department of Human Services under Minnesota Rules, parts  
19 9555.9600 to 9555.9730, which provides a program of services to  
20 adults for periods of less than 24 hours per day.

21 Subp. 2. Sec. 9.103; authority having jurisdiction  
22 defined. Sec. 9.103 of the Uniform Fire Code is amended by  
23 adding a definition to read:

24 Sec. 9.103. AUTHORITY HAVING JURISDICTION is any municipal  
25 fire code official or the state fire marshal or any of their  
26 authorized representatives.

27 Subp. 3. Sec. 9.104; Building Code definition amended.  
28 The definition of Building Code in Sec. 9.104 of the Uniform  
29 Fire Code is amended to read:

30 Sec. 9.104. BUILDING CODE is the Minnesota State Building  
31 Code adopted pursuant to Minnesota Statutes, section 16B.61,  
32 subdivision 1, and includes any future amendments to the code.

33 Subp. 4. Sec. 9.105; chief or chief of the fire department  
34 definition amended. The definition of Chief or Chief of the  
35 Fire Department in Sec. 9.105 of the Uniform Fire Code is

1 amended to read:

2       **Sec. 9.105. CHIEF OR CHIEF OF THE FIRE DEPARTMENT** is the  
3 chief officer of the fire department serving the jurisdiction,  
4 the state fire marshal, or their authorized representatives.

5       **Subp. 5. Sec. 9.108; family day care home defined.** Sec.  
6 9.108 of the Uniform Fire Code is amended by adding a definition  
7 to read:

8       **Sec. 9.108. FAMILY DAY CARE HOME** is a residence, licensed  
9 by the Department of Human Services under Minnesota Rules, parts  
10 9502.0315 to 9502.0445, in which no more than ten children  
11 receive care, maintenance and supervision by other than their  
12 relatives or legal guardians for less than 24 hours per day.

13       **Subp. 6. Sec. 9.109; group day care home defined.** Sec.  
14 9.109 of the Uniform Fire Code is amended by adding a definition  
15 to read:

16       **Sec. 9.109. GROUP DAY CARE HOME** is a residence, licensed  
17 by the Department of Human Services under Minnesota Rules, parts  
18 9502.0315 to 9502.0445, in which at least 11 but not more than  
19 14 children receive care, maintenance and supervision by other  
20 than their relatives or legal guardians for less than 24 hours  
21 per day.

22       **Subp. 7. Sec. 9.109; guest room defined.** Sec. 9.109 of  
23 the Uniform Fire Code is amended by adding a definition to read:

24       **Sec. 9.109. GUEST ROOM** is a room used exclusively for  
25 living or sleeping purposes excluding storage rooms, laundry  
26 rooms, furnace rooms, and similar common areas. Every 100  
27 square feet of superficial floor area in a dormitory shall be  
28 considered to be a guest room.

29       **Subp. 8. Sec. 9.112; jurisdiction definition amended.** The  
30 definition of jurisdiction in Sec. 9.112 of the Uniform Fire  
31 Code is amended to read:

32       **Sec. 9.112. JURISDICTION** is any municipality, district, or  
33 other political subdivision adopting this code for use in its  
34 jurisdictional area.

35       **Subp. 9. Sec. 9.112; jurisdictional area definition**  
36 amended. The definition of jurisdictional area in Sec. 9.112 of

1 the Uniform Fire Code is amended to read:

2       **Sec. 9.112. JURISDICTIONAL AREA** is the territory of the  
3 municipality, district, or other political subdivision adopting  
4 this code.

5       Subp. 10. **Sec. 9.115; mechanical code definition amended.**  
6 The definition of mechanical code in Sec. 9.115 of the Uniform  
7 Fire Code is amended to read:

8       **Sec. 9.115. MECHANICAL CODE** is the Minnesota Uniform  
9 Mechanical Code as adopted pursuant to Minnesota Statutes,  
10 section 16B.61, including any future amendments to it.

11       Subp. 11. **Sec. 9.115; municipality defined.** Sec. 9.115 of  
12 the Uniform Fire Code is amended by adding a definition to read:

13       **Sec. 9.115. MUNICIPALITY** is any statutory or home rule  
14 charter city, county, or town meeting the requirements of  
15 Minnesota Statutes, section 368.01, subdivision 1, the  
16 University of Minnesota, or the state for public buildings.

17       Subp. 12. **Sec. 9.117; Group E Occupancies definition**  
18 **amended.** The definition of Group E Occupancies in Sec. 9.117 of  
19 the Uniform Fire Code is amended to read:

20       **Sec. 9.117. Group E Occupancies:**

21       **Division 1.** Any building used for educational purposes  
22 through the 12th grade by 50 or more persons for more than 12  
23 hours per week or four hours in any one day.

24       **Division 2.** Any building used for educational purposes  
25 through the 12th grade by less than 50 persons for more than 12  
26 hours per week or four hours in any one day.

27       **Division 3.** Any building used for child day care purposes  
28 for more than ten children, or for adult day care centers  
29 serving four or more ambulatory and mobile persons who are  
30 capable of taking appropriate action for self-preservation under  
31 emergency conditions as determined by program licensure  
32 provisions.

33       Subp. 13. **Sec. 9.117; Group I Occupancies definition**  
34 **amended.** The definition of Group I Occupancies in Sec. 9.117 of  
35 the Uniform Fire Code is amended to read:

36       **Sec. 9.117. Group I Occupancies:**

1       **Division 1.** Nurseries for the full-time care of children  
2 under the age of six, each accommodating more than four persons;  
3 and, hospitals, sanitariums, nursing homes and similar  
4 buildings, each accommodating more than four persons.

5       **Division 2.** Detoxification centers; homes for children six  
6 years of age or over; Class B supervised living facilities for  
7 the mentally retarded, mentally ill, or the physically  
8 handicapped, defined in Sec. 9.121; and, adult day care centers  
9 serving ambulatory, nonambulatory, mobile, or nonmobile persons  
10 who are not mentally or physically capable of taking appropriate  
11 action for self-preservation under emergency conditions as  
12 determined by program licensure provisions, each accommodating  
13 more than four persons.

14       **EXCEPTIONS:** 1. Class B supervised living facilities  
15 seeking medical assistance certification as an  
16 intermediate care facility for six or fewer persons  
17 with mental retardation or related conditions which  
18 meet the fire protection provisions of Chapter 21 of  
19 the 1985 edition of the National Fire Protection  
20 Association Standard No. 101 for facilities housing  
21 persons with impractical evacuation capabilities shall  
22 be classified as Group R, Division 3 Occupancies.  
23 For purposes of this exception and exception 2,  
24 Standard No. 101 (1985) Chapter 21, is incorporated by  
25 reference, is not subject to frequent change, and is  
26 available at the State Law Library, 25 Constitution  
27 Avenue, Saint Paul, Minnesota 55155.  
28 2. Class B supervised living facilities seeking  
29 medical assistance certification as an intermediate  
30 care facility for seven to 16 persons with mental  
31 retardation or related conditions which meet the fire  
32 protection provisions of Chapter 21 of the 1985  
33 edition of the National Fire Protection Association  
34 Standard No. 101 for facilities housing persons with  
35 impractical evacuation capabilities shall be  
36 classified as Group R, Division 1 Occupancies.



1 3. Adult day care centers meeting all of the  
2 following criteria may be classified as Group E,  
3 Division 3 Occupancies:

4 A. Not more than 50 percent of the center's licensed  
5 capacity shall be made up of participants who are not  
6 capable of taking appropriate action for  
7 self-preservation under emergency conditions.

8 B. The center shall be located on a floor level with  
9 all exits directly to grade without intervening stairs.

10 C. The center shall be protected with a complete  
11 automatic fire detection system consisting of:

12 (i) automatic smoke detectors in all corridors and at  
13 the top of all stairways;

14 (ii) automatic detectors in boiler and furnace rooms,  
15 kitchens, storage rooms, janitor closets, laundries,  
16 and other hazardous areas; and

17 (iii) in buildings equipped with manual fire alarm  
18 systems, the manual fire alarm electrically  
19 interconnected with the automatic detection systems.

20 D. The center shall demonstrate the ability to  
21 evacuate the entire center population within three  
22 minutes.

23 Division 3. Mental hospitals, mental sanitariums, jails,  
24 prisons, reformatories, and buildings where personal liberties  
25 of inmates are similarly restrained.

26 **EXCEPTION:** Group I Occupancies shall not include  
27 buildings used only for private residential purposes  
28 or for a family group.

29 Subp. 14. Sec. 9.117; Group R Occupancies definition  
30 amended. The definition of Group R Occupancies in Sec. 9.117 of  
31 the Uniform Fire Code is amended to read:

32 **Sec. 9.117. Group R Occupancies:**

33 Division 1. Hotels and apartment houses; convents and  
34 monasteries, each accommodating more than ten persons; and Class  
35 A-2 supervised living facilities, defined in Sec. 9.121, for the  
36 mentally retarded, mentally ill, chemically dependent, and

1 physically handicapped, each accommodating more than four  
2 persons. Physically handicapped persons shall be housed at  
3 street level in supervised living facilities. For Class B  
4 supervised living facilities for seven to 16 persons, see  
5 Minnesota Rules, part 7510.3350, subpart 13.

6       **EXCEPTION:** Class A-2 supervised living facilities,  
7 defined in Sec. 9.121, having more than six but not  
8 more than 15 ambulatory or mobile disabled persons,  
9 duly licensed before April 11, 1983, and complying  
10 with the requirements for lodging and rooming houses  
11 as set forth in Standard No. 101 in the National Fire  
12 Codes, 1973, issued by the National Fire Protection  
13 Association (Boston, Massachusetts, 1973), are  
14 classified as Group R, Division 3 Occupancies.  
15 For purposes of this exception, the requirements for  
16 lodging and rooming houses set forth in Standard No.  
17 101 (1973) is incorporated by reference, is not  
18 subject to frequent change, and is available at the  
19 State Law Library, 25 Constitution Avenue, Saint Paul,  
20 Minnesota 55155.

21       **Division 2.** Not used.

22       **Division 3.** Dwellings, lodging houses, and Class A-1  
23 supervised living facilities defined in Sec. 9.121. For Class B  
24 supervised living facilities for six or fewer persons, see  
25 Minnesota Rules, part 7510.3350, subpart 13.

26       **Subp. 15. Sec. 9.120; required by chief defined.** Sec.  
27 9.120 of the Uniform Fire Code is amended by adding a definition  
28 to read:

29       **Sec. 9.120. REQUIRED BY THE CHIEF** means determined by the  
30 chief to be directly related to the safeguarding of life and  
31 property from the hazards of fire and uniform for each class or  
32 kind of building, structure or property covered.

33       **Subp. 16. Sec. 9.121; state fire marshal defined.** Sec.  
34 9.121 of the Uniform Fire Code is amended by adding a definition  
35 to read:

36       **Sec. 9.121. STATE FIRE MARSHAL** is the Minnesota state fire

1 marshal or the state fire marshal's authorized representatives.

2 Subp. 17. Sec. 9.121; supervised living facility defined.

3 Sec. 9.121 of the Uniform Fire Code is amended by adding a

4 definition to read:

5 Sec. 9.121. SUPERVISED LIVING FACILITY is a facility in  
6 which supervision, lodging, meals, and, in accordance with the  
7 rules of the Department of Human Services and the Department of  
8 Health, counseling and developmental habilitative or  
9 rehabilitative services are provided to five or more persons who  
10 are mentally retarded, chemically dependent, adult mentally ill,  
11 or physically handicapped.

12 Class A supervised living facility is a supervised living  
13 facility for ambulatory and mobile persons who are capable of  
14 taking appropriate action for self-preservation under emergency  
15 conditions as determined by program licensure provisions.

16 Class A-1 supervised living facilities includes homes  
17 providing boarding and lodging for six or fewer ambulatory or  
18 mobile disabled persons.

19 Class A-2 supervised living facilities includes homes  
20 providing boarding and lodging for more than six ambulatory or  
21 mobile disabled persons.

22 Class B supervised living facility is a supervised living  
23 facility for ambulatory or nonambulatory, mobile or nonmobile  
24 persons who are not mentally or physically capable of taking  
25 appropriate action for self-preservation under emergency  
26 conditions as determined by program licensure provisions.

27 7510.3360 ARTICLE 10 OF UNIFORM FIRE CODE.

28 Subpart 1. Sec. 10.207. Article 10, Division II, of the  
29 Uniform Fire Code is amended by adding a section to read:

30 Fire Lanes

31 Sec. 10.207. (a) Marking Fire Lanes. The marking of fire  
32 lanes on private and public property shall be designated and  
33 approved by the chief.

34 (b) Obstruction of Fire Lanes. Parking of motor vehicles  
35 in, or otherwise obstructing, fire lanes shall be prohibited at

1 all times.

2 Subp. 2. Sec. 10.503. Sec. 10.503 of the Uniform Fire  
3 Code is amended to read:

4 **Approval and Testing**

5 Sec. 10.503. All fire alarm systems, fire hydrant systems,  
6 fire-extinguishing systems (including automatic sprinklers), wet  
7 and dry standpipes, basement inlet pipes, and other  
8 fire-protection systems and appurtenances to them shall meet the  
9 approval of the chief as to installation and location and shall  
10 be subject to periodic tests required by the chief. Plans and  
11 specifications shall be submitted to the chief for review and  
12 approval before installation.

13 Subp. 3. Sec. 10.506(b). The first sentence of Sec.  
14 10.506(b) of the Uniform Fire Code is amended to read:

15 Sec. 10.506. (b) **Standards.** Fire-extinguishing systems  
16 shall comply with the Uniform Building Code Standards Nos. 38-1  
17 and 38-2 or the National Fire Protection Association Standard  
18 No. 13, Standard for the Installation of Sprinkler Systems  
19 (Quincy, Massachusetts, 1991). National Fire Protection  
20 Standard Number 13 is incorporated by reference, is not subject  
21 to frequent change, and is available at the State Law Library,  
22 25 Constitution Avenue, Saint Paul, Minnesota 55155.

23 Subp. 4. Sec. 10.510(b). Sec. 10.510(b) of the Uniform  
24 Fire Code is amended to read:

25 Sec. 10.510. (b) **Where Required.** Standpipe systems shall  
26 be provided as set forth in Table No. 10.510-A and shall have a  
27 constant water supply and pressure.

28 **EXCEPTION:** Dry standpipes may be installed with prior  
29 approval of the chief.

30 Subp. 5. Table No. 10.510-A. Table No. 10.510-A, Item No.  
31 2, "Occupancy" column, of the Uniform Fire Code is amended to  
32 read:

33 **TABLE NO. 10.510-A.** Item No. 2, "Occupancy" column:  
34 Occupancies 3 stories or more but less than 150 feet in height,  
35 except Group R, Division 3. Class II standpipes are not  
36 required in Group E or Group R-1 Occupancies.

1 Subp. 6. **Table No. 10.510-A.** Table No. 10.510-A of the  
2 Uniform Fire Code is amended by adding Footnotes Nos. 7 and 8 to  
3 Item No. 2 to read:

4 **TABLE NO. 10.510-A. 7.** In municipalities which have  
5 adopted the Special Fire Suppression System criteria of the  
6 Building Code, the number of stories shall be four or more.

7 8. When an automatic fire-extinguishing system required by  
8 Sec. 10.507(h) is installed, the number of stories shall be four  
9 or more.

10 7510.3370 ARTICLE 11 OF UNIFORM FIRE CODE.

11 Subpart 1. **Sec. 11.303(c)1.** Sec. 11.303(c)1 of the  
12 Uniform Fire Code is amended by adding Exception 5 to read:

13 **Sec. 11.303. (c) 1. General.**

14 **EXCEPTIONS:**

15 5. For requirements relating to Christmas trees, see  
16 Sec. 11.305.

17 Subp. 2. **Sec. 11.305.** Article 11, Division III, of the  
18 Uniform Fire Code is amended by adding a section to read:  
19 **Christmas Trees**

20 **Sec. 11.305. (a) Group I Occupancies.** The use or display  
21 of natural or resin-bearing trees or decorations in Group I  
22 Occupancies is prohibited.

23 **(b) Public Buildings.** The use, display, or storage of  
24 natural or resin-bearing trees without open flames or electric  
25 light decorations is permitted in schools, churches, hotels, and  
26 business and mercantile occupancies. See Sec. 11.303(c)1.

27 **(c) Flame-retardant Artificial Trees.** The use or display  
28 of flame-retardant artificial trees decorated with U.L.-listed  
29 electric lighting systems is acceptable in all occupancies.

30 **(d) R-1 Occupancies.** Natural or resin-bearing trees shall  
31 not be stored on balconies or grounds of R-1 Occupancies. See  
32 Sec. 11.303(e).

33 7510.3380 ARTICLE 12 OF UNIFORM FIRE CODE.

34 Subpart 1. **Sec. 12.101.** Sec. 12.101 of the Uniform Fire  
35 Code is amended by adding a paragraph to read:

1       **Sec. 12.101.** Egress requirements in family and group day  
 2 care homes located in a single family dwelling located on a  
 3 residential lot in which the day care provider provides the  
 4 services referred to in Minnesota Statutes, section 245A.02,  
 5 subdivision 10, to one or more persons, shall not exceed the  
 6 egress requirements that apply to the home as a single family  
 7 dwelling.

8       Subp. 2. **Sec. 12.106(e).** Sec. 12.106(e) of the Uniform  
 9 Fire Code is amended to read:

10       **Sec. 12.106. (e) Special Egress-control Devices.** Special  
 11 egress-control devices conforming with the Building Code or  
 12 Appendix II-H of this code are permitted in existing Group E,  
 13 Division 1 Occupancies. When installed, the special  
 14 egress-control devices or systems shall be maintained in  
 15 conformance with the Building Code or Appendix II-H requirements  
 16 for the original installation.

17       Subp. 3. **Sec. 12.109(a).** Sec. 12.109(a) of the Uniform  
 18 Fire Code is amended to read:

19       **Sec. 12.109. (a) General.** Stairways shall conform to the  
 20 provisions of the Building Code.

21       **EXCEPTION:** Stairs or ladders used only to attend  
 22 equipment are exempt from the requirements of this  
 23 section when properly maintained.

24 7510.3390 ARTICLE 13 OF UNIFORM FIRE CODE.

25       Article 13, Division ~~III~~ II, of the Uniform Fire Code is  
 26 amended by adding a section to read:

27 **Misdemeanor**

28       **Sec. 13.204.** Whoever intentionally gives a false alarm of  
 29 fire, or unlawfully tampers or interferes with any station or  
 30 signal box of any fire alarm system or any auxiliary fire  
 31 appliance, or unlawfully breaks, injures, defaces, or removes  
 32 the box or station, or unlawfully breaks, injures, destroys, or  
 33 disturbs any of the wires, poles, or other supports and  
 34 appliances connected with or forming a part of any fire alarm  
 35 system or any auxiliary fire appliance is guilty of a

1 misdemeanor.

2 7510.3400 ARTICLE 14 OF UNIFORM FIRE CODE.

3 Sec. 14.104(g)1, Exception 1, of the Uniform Fire Code is  
4 amended to read:

5 **Sec. 14.104. (g) 1. General.**

6 **EXCEPTION:** 1. A manual fire alarm system need not be  
7 provided in buildings not over two stories in height  
8 when all individual dwelling units and contiguous  
9 attic and crawl spaces are separated from each other  
10 and public or common areas by at least one-hour  
11 fire-resistive occupancy separations and each  
12 individual dwelling unit or guest room has an exit  
13 directly to a public way, exit court or yard, exterior  
14 stairway, or exterior exit balcony.

15 7510.3410 ARTICLE 26 OF UNIFORM FIRE CODE.

16 Subpart 1. **Title.** The title of Article 26 of the Uniform  
17 Fire Code is deleted and replaced with the following:

18 **RESURFACING AND REFINISHING**

19 Subp. 2. **Sec. 26.101.** Sec. 26.101 of the Uniform Fire  
20 Code is amended to read:

21 **Sec. 26.101.** Bowling alleys, roller skating rinks, and  
22 other public assembly occupancies shall conform to all other  
23 applicable requirements of this code, as well as the following  
24 provisions.

25 Subp. 3. **Sec. 26.102.** Sec. 26.102 of the Uniform Fire  
26 Code is amended to read:

27 **Sec. 26.102.** No person shall conduct bowling pin  
28 refinishing and bowling alley or floor resurfacing and  
29 refinishing operations involving the use and application of  
30 flammable liquids or materials without a local permit.

31 Subp. 4. **Sec. 26.103.** The subtitle of Sec. 26.103 of the  
32 Uniform Fire Code is amended to read:

33 **Resurfacing and Refinishing**

34 Subp. 5. **Sec. 26.104.** The subtitle of Sec. 26.104 of the  
35 Uniform Fire Code is amended to read:

1 **Refinishing**

2 7510.3420 ARTICLE 61 OF UNIFORM FIRE CODE.

3 Sec. 61.104 of the Uniform Fire Code is amended to read:

4 **Fuel Oil**

5 **Sec. 61.104.** The grade of fuel oil used in a burner shall  
6 be that for which the burner is approved and as stipulated by  
7 the manufacturer. The installation and use of waste oil burners  
8 shall conform to the provisions of Minnesota Statutes, section  
9 299F.015.

10 7510.3430 ARTICLE 77 OF UNIFORM FIRE CODE.

11 Subpart 1. **Sec. 77.103.** Sec. 77.103 of the Uniform Fire  
12 Code is deleted.

13 Subp. 2. **Sec. 77.104.** Sec. 77.104 of the Uniform Fire  
14 Code is deleted.

15 7510.3440 ARTICLE 79 OF UNIFORM FIRE CODE.

16 Subpart 1. **Sec. 79.101(a).** Sec. 79.101(a), Exception 1,  
17 of the Uniform Fire Code is amended to read:

18 **Sec. 79.101. (a) General.**19 **EXCEPTIONS:**

20 1. The transportation of flammable and combustible  
21 liquids when in conformity with the United States  
22 Department of Transportation regulations on file with  
23 and approved by the United States Department of  
24 Transportation.

25 Subp. 2. **Sec. 79.101(c).** Sec. 79.101 of the Uniform Fire  
26 Code is amended by adding a subsection to read:

27 **Sec. 79.101. (c) Review of Plans.** Requirements for the  
28 review of plans, as covered in the following items 1 to 7, are  
29 herein incorporated as part of this code, to read:

30 1. Before any construction or new or additional  
31 installation for the storage, handling, or use of flammable  
32 liquids is undertaken in bulk plants, service stations, chemical  
33 plants, refineries, and processing plants, drawings or  
34 blueprints of them made to scale shall be submitted to the state



1 fire marshal with an application, all in duplicate, for review.  
2 Within a reasonable time, usually ten days after receipt of the  
3 application with drawings or blueprints, the state fire marshal  
4 shall examine them. On finding that they conform to the  
5 applicable requirements of this code, the state fire marshal  
6 shall so signify either by endorsement on them or by attachment  
7 to them, retain one file copy, and return to the applicant the  
8 other copy plus any additional copies submitted by the  
9 applicant. If the drawings or blueprints do not conform to the  
10 applicable requirements of this code, the state fire marshal  
11 shall notify the applicant in writing within the time allowed  
12 for the examination of the application.

13                   2. Drawings shall show the name of the person,  
14 firm, or corporation proposing the installation, its location,  
15 and the adjacent streets or highways and surface waters of the  
16 state.

17                   3. In the case of bulk plants, the drawings  
18 shall show, in addition to any applicable features required  
19 under items 5 and 6, the plot of ground to be utilized and its  
20 immediate surroundings on all sides; complete layout of  
21 buildings, tanks, and loading and unloading docks; type of  
22 construction of each building and the type and location of  
23 heating devices for each building, if any.

24                   4. In the case of service stations, the  
25 drawings, in addition to any applicable features required under  
26 items 5 and 6, shall show the plot of ground to be utilized; the  
27 complete layout of buildings, drives, dispensing equipment, and  
28 greasing or washing stalls; and the type and location of any  
29 heating devices.

30                   5. In the case of aboveground storage, the  
31 drawings shall show the location and capacity of each tank;  
32 dimensions of each tank that has a capacity exceeding 50,000  
33 gallons; the class of liquids to be stored in each tank; the  
34 type of tank supports; the clearance as covered in sections  
35 79.503 and 79.504; the type of venting and pressure relief  
36 relied upon and the combined capacity of all venting and

1 pressure relief valves on each tank, as covered in Sec. 79.509;  
2 the tank control valves as covered in Sec. 79.509(c); the  
3 location of the pumps and other facilities by which liquid is  
4 filled into and withdrawn from the tanks; and diking provided,  
5 if any.

6           6. In the case of underground storage, the  
7 drawings shall show the locations of fill gauge and vent pipes  
8 and openings, the location and capacity of each tank, and the  
9 class of liquid to be stored in each tank, along with the  
10 clearance and requirements as covered in sections 79.601 to  
11 79.605.

12           7. In the case of an installation for storage,  
13 handling, or use of flammable liquids within buildings or  
14 enclosures at any establishment or occupancy covered in this  
15 section, the drawings shall be in such detail as will show  
16 whether applicable requirements are to be met.

17           Subp. 3. Table No. 79.202-A. Table No. 79.202-A, Footnote  
18 No. 8, of the Uniform Fire Code is amended to read:

19           **TABLE NO. 79.202-A.**

20           8. In buildings used for wholesale and retail sales,  
21 maximum quantities are allowed to be increased to those  
22 quantities needed for display and normal merchandising purposes,  
23 but shall not exceed two gallons per square foot of floor area  
24 actually being used for merchandising Class I-B, I-C, II or  
25 III-A liquids. Other than on the ground floor, storage of Class  
26 I-B, I-C and II liquids in areas not protected with automatic  
27 sprinklers installed in accordance with Uniform Building Code  
28 Standard No. 38-1 for extra-hazardous occupancy shall be limited  
29 to one gallon per square foot of floor area actually being used  
30 for merchandising liquids. Storage of Class I-A liquids shall  
31 be limited to one gallon per square foot or 60 gallons,  
32 whichever is greater. The maximum quantity permitted shall be  
33 determined by using only that floor area actually occupied by  
34 liquid merchandise, including any contiguous aisle space.  
35 Quantities exceeding these limitations shall be stored in an  
36 approved liquid storage room or liquid warehouse in accordance

1 with sections 79.203 and 79.204. Increases provided in  
2 Footnotes Nos. 4 and 5 shall not apply.

3 Subp. 4. Sec. 79.809(b). Sec. 79.809(b) of the Uniform  
4 Fire Code is amended by adding an exception to read:

5 Sec. 79.809. (b) Storage Tanks.

6 **EXCEPTIONS:**

7 4. Class II liquids intended for use as motor fuels  
8 are allowed to be transferred from tank vehicles into  
9 the fuel tanks of motor vehicles when approved by the  
10 chief, and when:

11 A. The tank vehicle's specific function is that of  
12 supplying fuel to motor vehicles,  
13

14 B. The operation is not performed where the public  
15 has access or where there is unusual exposure to  
16 life or property,  
17

18 C. The dispensing line does not exceed 50 feet in  
19 length, and  
20

21 D. All equipment is approved for use with the fuel  
22 being transferred.  
23

24 Subp. 5. Sec. 79.903(a). Sec. 79.903(a) of the Uniform  
25 Fire Code is amended to read:  
26

27 Sec. 79.903. (a) Aboveground Tanks. When approved by the  
28 chief, the dispensing of Class I and Class II liquids from a  
29 fuel dispensing system supplied by exterior aboveground tanks  
30 may be permitted under the following conditions:  
31

32 1. Not more than three aboveground storage tanks shall be  
33 used for dispensing. Tanks shall not exceed 6,000 gallons  
34 individual capacity.  
35

36 2. The tank system shall be listed or approved for such  
37 aboveground use.  
38

39 3. Fuel delivery from aboveground tanks shall be from the  
40 top of the tank with the dispensing line equipped with an  
41 approved antisiphon system.  
42

43 4. Dispensing lines between the diked area and the  
44 dispenser shall be located underground and shall be completely  
45 enclosed in an approved secondary containment piping system.

1 These lines shall also be equipped with an approved normally  
2 closed solenoid valve at each dispenser located below the impact  
3 valve.

4 5. The tank shall be equipped with overflow protection and  
5 the fill pipe between the fill opening and the diked area shall  
6 be underground. In addition to the normal valving requirements  
7 of the code, there shall be a manually operated, mechanical  
8 shut-off valve on the fill line inside the diked area which is  
9 operated from a location outside the dike.

10 6. Dispensing lines and fill piping shall not penetrate  
11 the dike.

12 7. The tanks and piping shall be safeguarded against  
13 collision, spillage, and overflow as required by the chief.

14 8. The tanks shall comply with requirements for emergency  
15 relief venting, and the tanks and dispensing system shall meet  
16 the electrical classification requirements of the code.

17 9. Tanks, piping, valves and fittings, and diking shall be  
18 constructed and maintained in accordance with Article 79.

19 10. Tanks shall be provided with lightning protection as  
20 specified in National Fire Protection Association Standard 78,  
21 Lightning Protection Code, by the National Fire Protection  
22 Association (Quincy, Massachusetts, 1989). Standard 78 is  
23 incorporated by reference, is not subject to frequent change,  
24 and is available at the State Law Library, 25 Constitution  
25 Avenue, Saint Paul, Minnesota 55155.

26 11. Tank location and distance from the tank to the  
27 dispenser shall be at least 30 feet.

28 **EXCEPTIONS:**

29 1. For operations not open to the public, dispensing  
30 of Class I liquids from one tank having a capacity of  
31 300 gallons or less having the dispenser located on or  
32 adjacent to the tank is permitted.

33 2. For operations not open to the public, dispensing  
34 of Class II liquids from one tank having a capacity of  
35 1,000 gallons or less having the dispenser located on  
36 or adjacent to the tank is permitted.

1 3. Special tank enclosures complying with Sec.  
2 79.902(c) of this code having the dispenser located on  
3 or adjacent to the tank are permitted.

4 12. Tank location and distance shall be two times that  
5 specified in sections 79.503 and 79.504, but not less than 50  
6 feet from the nearest side of any public way, combustible  
7 building, or building opening, and from combustible storage  
8 located on the same property.

9 **EXCEPTION:** Aboveground tanks which have a separation  
10 distance of at least 30 feet between the tank and the  
11 dispenser may reduce the distances between the tank  
12 and dispenser to a public way, combustible building,  
13 building opening, or combustible storage to 30 feet.

14 13. Where more than one tank is used, all aboveground  
15 tanks shall be protected by an approved fire protection system  
16 when required by the chief.

17 14. Variances shall not be granted from any of the  
18 provisions contained in items 2 to 13.

19 Subp. 6. Sec. 79.903(e)1. Sec. 79.903(e)1 of the Uniform  
20 Fire Code is amended to read:

21 **Sec. 79.903. (e) Design and Construction. 1. General.**  
22 Except as otherwise provided in Sec. 79.903(a), Class I and  
23 Class II liquids shall be transferred from underground tanks by  
24 means of fixed pumps so designed and equipped as to allow  
25 control of the flow and to prevent leakage or accidental  
26 discharge.

27 Supplemental means shall be provided outside of the  
28 dispensing device so that the source of power may be readily  
29 disconnected in the event of fire or other accident.

30 Dispensing devices for Class I, II or III-A liquids shall  
31 be of an approved type. See Sec. 2.304(b). Class I, II or  
32 III-A liquids shall be dispensed by approved pumps taking  
33 suction through the top of the container. Class I, II or III-A  
34 liquids shall not be dispensed by a device that operates through  
35 pressure within a storage tank or container unless the tank or  
36 container has been approved as a pressure vessel for the use to

1 which it is subjected. In no case shall air or oxygen pressure  
2 be used for dispensing flammable Class I, II or III-A liquids.

3 This section does not prohibit use permitted by Sec. 79.904.

4 Subp. 7. **Sec. 79.903(f)**. Sec. 79.903(f) of the Uniform  
5 Fire Code is amended by adding a subsection to read:

6 **Sec. 79.903. (f) Supervision.**

7 3. **Age Requirement.** Flammable and combustible liquids  
8 shall be dispensed only by persons 16 years of age or older.  
9 Prominent signs shall be posted at self-service stations  
10 prohibiting flammable liquids from being dispensed by anyone  
11 under age 16.

12 7510.3450 ARTICLE 80 OF UNIFORM FIRE CODE.

13 Sec. 80.107 of the Uniform Fire Code is amended to read:

14 **Identification**

15 **Sec. 80.107.** Visible hazard identification signs as  
16 specified in Uniform Fire Code Standards, Standard No. 79-3,  
17 Identification of the Health, Flammability, and Reactivity of  
18 Hazardous Materials, published by the International Conference  
19 of Building Officials and the Western Fire Chiefs Association,  
20 1991, (Whittier, California), shall be placed at entrances to  
21 locations where hazardous materials are stored, dispensed, used,  
22 or handled in quantities requiring a permit. The chief shall  
23 designate the specific entrances where signs are required.  
24 Standard No. 79-3 is incorporated by reference, is not subject  
25 to frequent change, and is available at the State Law Library,  
26 25 Constitution Avenue, Saint Paul, Minnesota 55155.

27 The chief may waive this requirement in special cases when  
28 consistent with safety, if the facility owner or operator, in  
29 conjunction with the chief, develops an approved preemergency  
30 plan consistent with the Hazardous Materials Management Plan  
31 (HMMP) in Appendix II-E. The owner or operator shall make  
32 copies of this plan available to other emergency response  
33 agencies on request.

34 In addition, when required by the chief, hazard  
35 identification signs mounted on a building shall include a sign

1 indicating the hazard type and range value for the average daily  
 2 amount of hazardous materials present, as required on the Tier 1  
 3 hazardous chemical inventory form under the Superfund Amendments  
 4 and Reauthorization Act of 1986, Public Law Number 99-499,  
 5 section 312, subsection (d)(1) "Tier I Information," which is  
 6 incorporated by reference. The placard symbols for hazard type  
 7 and range value are as follows:

8 1. HAZARD TYPE:

9 Physical Hazards

- 10 Fire - The 3-letter placard abbreviation is: FIR
- 11 Sudden Release of Pressure - The 3-letter placard  
12 abbreviation is: SRP
- 13 Reactivity - The 3-letter placard abbreviation is: REA
- 14 Health Hazards
- 15 Immediate (acute) - The 3-letter placard  
16 abbreviation is: HHI
- 17 Delayed (chronic) - The 3-letter placard  
18 abbreviation is: HHD

19 2. RANGE VALUE:

20 Placard Abbreviation	21 Weight Range in Pounds	
	22 From	23 To
24 --		
25 01	0	99
26 02	100	999
27 03	1,000	9,999
28 04	10,000	99,999
29 05	100,000	999,999
30 06	1,000,000	9,999,999
31 07	10,000,000	49,999,999
32 08	50,000,000	99,999,999
33 09	100,000,000	499,999,999
34 10	500,000,000	999,999,999
35 11	1 billion or greater	

34 7510.3460 ARTICLE 82 OF UNIFORM FIRE CODE.

35 Article 82 of the Uniform Fire Code is deleted in its  
 36 entirety and replaced with the following:

37 **ARTICLE 82**

38 **LIQUIFIED PETROLEUM GASES**

39 **LP-Gas Storage and Handling**

40 **Sec. 82.101. (a) NFPA Standard No. 58 Incorporated.** The  
 41 storage, handling, transportation, and use of liquified  
 42 petroleum gas and the installation of all equipment pertinent to  
 43 systems for such uses shall be designed, constructed, installed,  
 44 operated, and maintained in accordance with the provisions of  
 45 the National Fire Protection Association Standard No. 58,  
 46 Standard for the Storage and Handling of Liquified Petroleum

1 Gases (Quincy, Massachusetts, 1992). Standard No. 58, as  
2 amended by subsection (b), is incorporated by reference, is not  
3 subject to frequent change, and is available at the State Law  
4 Library, 25 Constitution Avenue, Saint Paul, Minnesota 55155.

5 (b) Amendments to NFPA Standard No. 58:

6 1. Section 1-2.3.1(c). Section 1-2.3.1(c) of NFPA  
7 Standard No. 58 is amended to read:

8 (c) LP-Gas (including refrigerated storage) at utility gas  
9 plants. Uniform Fire Code Standard No. 82-2 shall apply.

10 2. Section 1-6. Section 1-6 of NFPA Standard No. 58 is  
11 deleted.

12 3. Section 3-1.3. Section 3-1.3 of NFPA Standard No. 58  
13 is amended to read:

14 3-1.3. LP-Gas systems shall be installed in accordance  
15 with nationally recognized standards that may apply.

16 4. Section 3-2.2.6(e). Section 3-2.2.6(e) of NFPA  
17 Standard No. 58 is amended to read:

18 (e) The minimum horizontal separation between aboveground  
19 LP-Gas containers and aboveground tanks containing liquids  
20 having flash points below 200 degrees F. (93.4 degrees C.) shall  
21 be 20 ft (6 m). No horizontal separation shall be required  
22 between aboveground LP-Gas containers and underground tanks  
23 containing flammable or combustible liquids installed in  
24 accordance with Article 79 of the Uniform Fire Code.

25 **EXCEPTION:** This provision shall not apply when LP-Gas  
26 containers of 125 gal (0.5 m<sup>3</sup>) or less water capacity  
27 are installed adjacent to fuel oil supply tanks of 660  
28 gal (2.5 m<sup>3</sup>) or less capacity.

29 5. Section 3-2.2.6(g). Section 3-2.2.6(g) of NFPA  
30 Standard No. 58 is amended to read:

31 (g) The minimum separation between LP-Gas containers and  
32 liquified hydrogen containers shall be in accordance with  
33 Article 75 of the Uniform Fire Code.

34 6. Table 3-2.3.3. Footnotes 2 and 5 of Table 3-2.3.3 of  
35 NFPA Standard No. 58 are amended to read:

36 2. Walls constructed of noncombustible materials having a



1 fire rating of at least one hour as determined by the Building  
2 Code.

3 5. See Article 79 of the Uniform Fire Code for definitions  
4 of flammable and combustible liquids.

5 7. Section 3-5.2. Section 3-5.2 of NFPA Standard No. 58  
6 is amended to read:

7 3-5.2 Reference Standards. LP-Gas appliances shall be  
8 installed in accordance with this standard and other nationally  
9 recognized standards which may apply.

10 8. Section 3-7.2.1. Section 3-7.2.1 of NFPA Standard No.  
11 58 is amended to read:

12 3-7.2.1 Electrical equipment and wiring shall be of a type  
13 specified by and shall be installed in accordance with the  
14 Electrical Code for ordinary locations except that fixed  
15 electrical equipment in classified areas shall comply with  
16 3-7.2.2.

17 9. Section 3-7.2.2. The first sentence of Section 3-7.2.2  
18 of NFPA Standard No. 58 is amended to read:

19 3-7.2.2 Fixed electrical equipment and wiring installed  
20 within the classified areas specified in Table 3-7.2.2 shall  
21 comply with Table 3-7.2.2 and shall be installed in accordance  
22 with the Electrical Code.

23 10. Section 4-2.1.1. The first sentence of Section  
24 4-2.1.1 of NFPA Standard No. 58 is amended to read:

25 4-2.1.1 Transfer operations shall be conducted by personnel  
26 trained in the proper handling and operating procedures for  
27 LP-Gases.

28 11. Section 4-2.2.1. Section 4-2.2.1 of NFPA Standard No.  
29 58 is amended to read:

30 4-2.2.1 The transfer of LP-Gas to and from a container  
31 shall be accomplished only by persons trained in the proper  
32 handling, operating procedures, and emergency response  
33 procedures.

34 12. Section 7-2.3. Section 7-2.3 of NFPA Standard No. 58  
35 is amended to read:

36 7-2.3 Structure or Building Heating. Heating shall be by

1 steam or hot water radiation or other heating transfer medium  
2 with the heat source located outside the building or structure  
3 (see Section 3-7, Ignition Source Control), or by electrical  
4 appliances listed for Class I, Group D, Division 2 locations, in  
5 accordance with the Electrical Code.

6 13. Chapter 11. Chapter 11 of NFPA Standard No. 58 is  
7 deleted.

#### 8 LP-Gas Systems at Utility Gas Plants

9 Sec. 82.102. The design, construction, location,  
10 installation, and operation of refrigerated and nonrefrigerated  
11 liquified petroleum gas systems at utility gas plants shall be  
12 in accordance with Uniform Fire Code Standard No. 82-2.

13 Standard No. 82-2 is incorporated by reference, is not subject  
14 to frequent change, and is available at the State Law Library,  
15 25 Constitution Avenue, Saint Paul, Minnesota 55155.

#### 16 Submittal of Plans.

17 Sec. 82.103. Where an underground container is permitted,  
18 plans of its installation, regardless of capacity, shall be  
19 submitted for review to the state fire marshal before  
20 construction.

21 For any installation utilizing aboveground storage  
22 containers of over 2,000 gallons water capacity, or when  
23 aggregate water capacity of all aboveground containers exceeds  
24 4,000 gallons, plans shall be submitted to the state fire  
25 marshal before construction.

#### 26 7510.3470 ARTICLE 85 OF UNIFORM FIRE CODE.

27 Article 85 of the Uniform Fire Code is amended by adding a  
28 section to read:

#### 29 Nonapproved Appliances

30 Sec. 85.110. Electrical appliances or fixtures shall not  
31 be used unless they are of an approved type.

#### 32 7510.3480 AMENDMENTS TO APPENDICES OF UNIFORM FIRE CODE.

33 Subpart 1. Adoption. Appendices I-A, I-C, II-A, II-B,  
34 II-C, II-H, IV-A and VI-D of the Uniform Fire Code, as amended  
35 by this part, shall be deemed a part of this code and shall be

1 enforced as such.

2 Subp. 2. **Appendix I-A, Title.** The title of Appendix I-A  
3 of the Uniform Fire Code is amended to read:

4 **APPENDIX I-A LIFE SAFETY REQUIREMENTS FOR**  
5 **EXISTING BUILDINGS**

6 Subp. 3. **Appendix I-A, Sec. 1(a).** The Exception in  
7 Appendix I-A, Sec. 1(a), of the Uniform Fire Code is amended to  
8 read:

9 **EXCEPTION:** Group M and Group R, Division 3  
10 Occupancies, except that Group R, Division 3  
11 Occupancies shall comply with Sections 6 and 7.

12 Subp. 4. **Appendix I-A, Sec. 1(b).** Appendix I-A, Sec.  
13 1(b), of the Uniform Fire Code is deleted.

14 Subp. 5. **Appendix I-A, Sec. 2(a).** The first paragraph and  
15 the accompanying Exceptions in Appendix I-A, Sec. 2(a), of the  
16 Uniform Fire Code are amended to read:

17 **2. EXITS**

18 (a) **Number of Exits.** Every basement and every floor above  
19 the first story used for human occupancy shall have access to at  
20 least two separate exits, one of which may be an exterior fire  
21 escape complying with subsection (d) of this section. Subject  
22 to the approval of the chief, an approved ladder device may be  
23 used in lieu of a fire escape when the construction feature or  
24 location of the building on the property makes the installation  
25 of a fire escape impractical.

26 **EXCEPTIONS:** 1. In all occupancies, basements and  
27 second stories with an occupant load of ten or less  
28 may have one exit.

29 2. When the third floor within an individual dwelling  
30 unit does not exceed 500 square feet, only one exit  
31 need be provided from that floor.

32 3. Floors and basements used exclusively for service  
33 of the building may have one exit. For the purposes  
34 of this exception, storage rooms, laundry rooms,  
35 maintenance offices, and similar uses shall not be

1 considered as providing service to the building.

2 4. Storage rooms, laundry rooms, and maintenance  
3 offices not exceeding 300 square feet in floor area  
4 may be provided with only one exit.

5 Subp. 6. Appendix I-A, Sec. 2(c). Appendix I-A, Sec.  
6 2(c), of the Uniform Fire Code is amended to read:

7 2. EXITS

8 (c) Corridors. Corridors serving a Group R, Division 1 or  
9 Group I Occupancy having an occupant load of ten or more and  
10 corridors serving other occupancies having an occupant load of  
11 30 or more shall have walls and ceilings of not less than  
12 one-hour fire-resistive construction as required by the Building  
13 Code. Existing walls surfaced with wood lath and plaster in  
14 good condition or 1/2-inch gypsum wallboard or openings with  
15 fixed wired glass set in steel frames are permitted for corridor  
16 walls and ceilings and occupancy separations when approved.  
17 Doors opening into such corridors shall be protected by  
18 20-minute fire assemblies or solid wood doors not less than  
19 1-3/4 inches thick. Where the existing frame will not  
20 accommodate the 1-3/4 inches thick door, a 1-3/8 inches thick  
21 solid bonded wood core door or equivalent insulated steel door  
22 shall be permitted. Doors shall be self-closing or  
23 automatic-closing by smoke detection. Transoms and openings  
24 other than doors from corridors to rooms shall comply with  
25 Section 3305(h) of the Building Code or shall be covered with a  
26 minimum of 3/4-inch plywood or 1/2-inch gypsum wallboard or  
27 equivalent material on the room side.

28 **EXCEPTIONS:** 1. Existing corridor walls, ceilings,  
29 and opening protection not in compliance with the  
30 above may be continued when such buildings are  
31 protected with an approved automatic sprinkler system  
32 throughout. Such sprinkler system may be supplied  
33 from the domestic water system if it is of adequate  
34 volume and pressure.

35 2. Existing corridor walls, ceilings and opening

1 protection in Group E, Divisions 1 and 2 Occupancies  
 2 not in compliance with the above may be continued when  
 3 such buildings are protected with an approved  
 4 automatic fire alarm system which is monitored by a  
 5 central, proprietary or remote station service. The  
 6 fire alarm system shall include automatic smoke  
 7 detection throughout the exit system and approved  
 8 detection in all rooms and areas other than classrooms  
 9 and offices.

10 Subp. 7. Appendix I-A, Sec. 4. Appendix I-A, Sec. 4, of  
 11 the Uniform Fire Code is deleted.

12 Subp. 8. Appendix I-A, Sec. 5. Appendix I-A, Sec. 5, of  
 13 the Uniform Fire Code is amended to read:

14 **5. STANDPIPES**

15 Any buildings over four stories in height shall be provided  
 16 with an approved Class I or Class III standpipe system.

17 When required by the chief, any building three or four  
 18 stories in height shall be provided with an approved Class I or  
 19 Class III standpipe system.

20 Subp. 9. Appendix II-G. The Uniform Fire Code is amended  
 21 by adding an Appendix II-G to read:

22 **APPENDIX II-G**

23 **FIRES OR BARBECUES ON BALCONIES OR PATIOS**

24 **1. OPEN FLAME AND FUEL STORAGE PROHIBITED**

25 (a) Open Flame Prohibited. In any structure containing  
 26 three or more dwelling units, no person shall kindle, maintain,  
 27 or cause any fire or open flame on any balcony above ground  
 28 level, or on any ground floor patio within 15 feet of the  
 29 structure.

30 (b) Fuel Storage Prohibited. No person shall store or use  
 31 any fuel, barbecue, torch, or other similar heating or lighting  
 32 chemical or device in the locations designated in subsection (a).

33 **EXCEPTION:** Listed electric or gas-fired barbecue  
 34 grills that are permanently mounted and wired or  
 35 plumbed to the building's gas supply or electrical

1 system and that maintain a minimum clearance of 18  
2 inches on all sides, unless listed for lesser  
3 clearances, may be installed on balconies and patios  
4 when approved by the chief.

5 Subp. 10. **Appendix II-H.** The Uniform Fire Code is amended  
6 by adding an Appendix II-H to read:

7 **APPENDIX II-H**

8 **STANDARDS FOR EGRESS-CONTROL DEVICES IN**

9 **EDUCATIONAL OCCUPANCIES**

10 **1. SCOPE**

11 These standards apply to the installation of egress-control  
12 devices in Group E, Division 1 Occupancies.

13 **2. GENERAL REQUIREMENTS**

14 Upon application to and approval of the chief, either of  
15 the following types of devices are permitted:

16 1. listed special egress-control devices in  
17 conformance with the Building Code; or

18 2. egress-control devices which meet the requirements  
19 of section 3 of this standard.

20 **3. SPECIFIC REQUIREMENTS**

21 (a) **Fire alarm and detection system.** The building must be  
22 equipped throughout with an approved, supervised automatic fire  
23 alarm and detection system. If the building is equipped with  
24 automatic sprinkler protection, it must be interconnected to the  
25 fire alarm system.

26 (b) **Location of manual pull stations.** Manual fire alarm  
27 pull stations must be located within five feet of the affected  
28 door(s).

29 (c) **Emergency lighting.** Emergency lighting must be  
30 installed throughout the exit system.

31 (d) **Deactivation.** The egress-control devices shall  
32 immediately deactivate under the following conditions:

- 33 1. activation of any automatic detection device;  
34 2. activation of the automatic sprinkler system;

1           3. loss of electrical power to the device or the fire  
2 alarm system;

3           4. activation of the fire alarm trouble signal; or

4           5. activation of a switch from a location which is  
5 constantly attended during normal school hours (such as the  
6 office).

7           (e) Release time. The egress-control devices must release  
8 within 30 seconds upon activation of a manual fire alarm pull  
9 station.

10          (f) Sign. Signs must be permanently placed on the affected  
11 door(s) stating:

12           THIS DOOR WILL UNLOCK UNDER EMERGENCY FIRE CONDITIONS.

13 4. TESTING OF DEVICES AND SYSTEMS

14          (a) Egress-control devices. Egress-control devices shall  
15 be tested at least monthly to ensure that they will release  
16 under the conditions as set forth above.

17          (b) Fire alarm system. The fire alarm system controlling  
18 the affected device(s) shall be tested at least once every six  
19 months.

20 REPEALER. Minnesota Rules, parts 7510.3100; 7510.3110;  
21 7510.3120; 7510.3130; 7510.3140; 7510.3150; 7510.3160;  
22 7510.3170; 7510.3180; 7510.3190; 7510.3200; 7510.3210;  
23 7510.3220; 7510.3230; 7510.3240; 7510.3250; 7510.3260;  
24 7510.3270; and 7510.3280, are repealed.