

1 Department of Public Safety

2

3 Adopted Permanent Rules Relating to the Uniform Fire Code

4

5 Rules as Adopted

6 7510.3100 PURPOSE.

7 The purpose of parts 7510.3100 to ~~7510.3270~~ 7510.3280 is to
8 adopt uniform fire safety standards governing the maintenance of
9 buildings and premises; regulate the storage, use, and handling
10 of dangerous and hazardous materials, substances, and processes;
11 and regulate the maintenance of adequate egress facilities.

12 7510.3110 SCOPE.

13 The scope of parts 7510.3100 to ~~7510.3270~~ 7510.3280 is
14 intended to be consistent with Minnesota Statutes, section
15 299F.011.

16 7510.3120 RULES AND STANDARDS ADOPTED BY REFERENCE.

17 The Uniform Fire Code, as promulgated by the International
18 Conference of Building Officials, and the Western Fire Chiefs
19 Association (Whittier, California, 1988) is incorporated by
20 reference and made a part of Minnesota Rules pursuant to
21 statutory authority, subject to the alterations and amendments
22 in parts 7510.3100 to ~~7510.3270~~ 7510.3280. The Uniform Fire
23 Code is not subject to frequent change and is available at the
24 State Law Library, 117 University Avenue, Saint Paul, Minnesota
25 55155.

26 UNIFORM FIRE CODE AMENDMENTS

27 7510.3130 ARTICLE 1 OF UNIFORM FIRE CODE.

28 Sec. 1.101 of the Uniform Fire Code is amended to read:
29 **Sec. 1.101.** This code shall be known as the Minnesota
30 Uniform Fire Code, may be cited as such, and will be
31 referred to herein as "this code."

32 7510.3140 ARTICLE 2 OF UNIFORM FIRE CODE.

33 Subpart 1. **Sec. 2.102.** Sec. 2.102 of the Uniform Fire



1 Code is amended to read:

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

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

24 **(c) Chief Defined.** Wherever the term "chief" appears in
25 Articles 2 to 87 or in the Appendix of this code, it shall mean
26 state fire marshal, except that it shall also include the chief
27 of any jurisdiction adopting this code.

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

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. 2.202.** Sec. 2.202 of the Uniform Fire Code

1 is amended to read:

2 **Sec. 2.202. (a) Investigation.** The fire department of any
3 jurisdiction adopting this code shall investigate promptly the
4 cause, origin, and circumstances of each and every fire
5 occurring in the municipality involving loss of life or injury
6 to person or destruction or damage to property, and if it
7 appears to the members of the fire department making the
8 investigation that such fire is of suspicious origin, they shall
9 then take immediate charge of all physical evidence relating to
10 the cause of fire, shall notify the proper authorities
11 designated by law to pursue the investigation of such matters,
12 and shall cooperate with the authorities in the collection of
13 evidence and in the prosecution of the case. The chief shall
14 make a report in writing to the state fire marshal of all facts
15 and findings relative to each investigation.

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

19 **Subp. 4. Sec. 2.205.** Sec. 2.205 of the Uniform Fire Code
20 is amended to read:

21 **Sec. 2.205.** Any order or notice authorized or required by
22 this code shall be given or served upon the owner, operator,
23 occupant, or other person responsible for the condition or
24 violation either by oral notification, personal service, or by
25 delivering the same to and leaving it with some person of
26 suitable age and discretion upon the premises; or, if no such
27 person is found on the premises, by affixing a copy thereof in a
28 conspicuous place on the door to the entrance of said premises
29 and by mailing a copy thereof to such person by mail to the
30 person's last known address. Orders or notices given orally
31 shall be confirmed by service in writing as herein provided.

32 **Subp. 5. Sec. 2.303.** Sec. 2.303 of the Uniform Fire Code
33 is deleted.

34 **Subp. 6. Sec. 2.304(b).** The first paragraph of Sec.
35 2.304(b) of the Uniform Fire Code is deleted and replaced with
36 the following:

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

5 Subp. 7. **Sec. 2.304(c).** Sec. 2.304 of the Uniform Fire
6 Code is amended by adding a subsection to read:

7 **Sec. 2.304. (c) Standard 101 Incorporated.** Whenever the
8 Uniform Fire Code, as amended by parts 7510.3100 to ~~7510.3270~~
9 7510.3280, is silent on any subject, for any reason, in any
10 situation, the provision of protection shall be in accordance
11 with National Fire Codes, 1988, Standard Number 101, issued by
12 the National Fire Protection Association (Quincy, Massachusetts,
13 1988) which is adopted by reference as part of this code as
14 though set forth herein in its entirety. Standard Number 101 is
15 not subject to frequent change and is available at the State Law
16 Library, 117 University Avenue, Saint Paul, Minnesota 55155.

17 7510.3150 ARTICLE 4 OF UNIFORM FIRE CODE.

18 Subpart 1. **Sec. 4.103.** Sec. 4.103 of the Uniform Fire
19 Code is amended to read:

20 **Sec. 4.103.** All applications for a permit required by this
21 code shall be made to the chief in such form and detail as
22 required by the chief. Applications for permits shall be
23 accompanied by such plans as required by the chief.

24 Subp. 2. **Sec. 4.108.** The first sentence of Sec. 4.108 of
25 the Uniform Fire Code is amended to read:

26 **Sec. 4.108.** When required by the chief, a permit shall be
27 obtained prior to engaging in the following activities,
28 operations, practices, or functions:

29 7510.3160 ARTICLE 9 OF UNIFORM FIRE CODE.

30 Subpart 1. **Sec. 9.103; adult day-care center defined.** Sec.
31 9.103 of the Uniform Fire Code is amended by adding a definition
32 to read:

33 **Sec. 9.103. ADULT DAY-CARE CENTER** shall mean a facility,
34 licensed by the Department of Human Services under Minnesota
35 Rules, parts 9555.9600 to 9555.9730, which provides a program of

1 services to adults for periods of less than 24 hours per day.

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

5 Sec. 9.103. **AUTHORITY HAVING JURISDICTION** shall mean any
6 municipal fire code official or the state fire marshal or any of
7 their authorized representatives.

8 Subp. 3. Sec. 9.104; Building Code definition amended.
9 The definition of Building Code in Sec. 9.104 of the Uniform
10 Fire Code is amended to read:

11 Sec. 9.104. **BUILDING CODE** shall mean the Minnesota State
12 Building Code.

13 Subp. 4. Sec. 9.108; family day-care home defined. Sec.
14 9.108 of the Uniform Fire Code is amended by adding a definition
15 to read:

16 Sec. 9.108. **FAMILY DAY-CARE HOME** shall mean a residence,
17 licensed by the Department of Human Services under Minnesota
18 Rules, parts 9502.0315 to 9502.0445, in which no more than ten
19 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. 5. Sec. 9.109; group day-care home defined. Sec.
23 9.109 of the Uniform Fire Code is amended by adding a definition
24 to read:

25 Sec. 9.109. **GROUP DAY-CARE HOME** shall mean a residence,
26 licensed by the Department of Human Services under Minnesota
27 Rules, parts 9502.0315 to 9502.0445, in which at least 11 but
28 not more than 14 children receive care, maintenance, and
29 supervision by other than their relatives or legal guardians for
30 less than 24 hours per day.

31 Subp. 6. Sec. 9.109; guest room defined. Sec. 9.109 of
32 the Uniform Fire Code is amended by adding a definition to read:

33 Sec. 9.109. **GUEST ROOM** shall mean a room used exclusively
34 for living or sleeping purposes excluding storage rooms, laundry
35 rooms, furnace rooms, and similar common areas. Every 100
36 square feet of superficial floor area in a dormitory shall be

1 considered to be a guest room.

2 Subp. 7. Sec. 9.115; mechanical code definition amended.

3 The definition of mechanical code in Sec. 9.115 of the Uniform
4 Fire Code is amended to read:

5 Sec. 9.115. MECHANICAL CODE shall mean the Minnesota
6 Heating, Ventilation, Air Conditioning and Refrigeration Code,
7 in Minnesota Rules, chapter 1345.

8 Subp. 8. Sec. 9.115; municipality defined. Sec. 9.115 of
9 the Uniform Fire Code is amended by adding a definition to read:

10 Sec. 9.115. MUNICIPALITY shall mean any statutory or home
11 rule charter city, county, or town meeting the requirements of
12 Minnesota Statutes, section 368.01, subdivision 1, the
13 University of Minnesota, or the state for public buildings.

14 Subp. 9. Sec. 9.117; Group E Occupancies definition
15 amended. The definition of Group E Occupancies in Sec. 9.117 of
16 the Uniform Fire Code is amended to read:

17 Sec. 9.117. Group E Occupancies:

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

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

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

30 Subp. 10. Sec. 9.117; Group I Occupancies definition
31 amended. The definition of Group I Occupancies in Sec. 9.117 of
32 the Uniform Fire Code is amended to read:

33 Sec. 9.117. Group I Occupancies:

34 Division 1. Nurseries for the full-time care of children
35 under the age of six, each accommodating more than four persons;
36 and, hospitals, sanitariums, nursing homes, and similar

1 buildings, each accommodating more than four persons.

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

11 **EXCEPTION:** Adult day-care centers meeting the
12 following criteria may be classified as Group E,
13 Division 3 Occupancies:

14 1. not more than 50 percent of the center's licensed
15 capacity shall be made up of participants who are not
16 capable of taking appropriate action for

17 self-preservation under emergency conditions;

18 2. the center shall be located on a floor level with
19 all exits directly to grade without intervening
20 stairs;

21 3. the center shall be protected with a complete
22 automatic fire detection system consisting of:

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

25 (ii) automatic detectors in boiler and furnace rooms,
26 kitchens, storage rooms, janitor closets, laundries, and
27 other hazardous areas; and

28 (iii) in buildings equipped with manual fire alarm
29 systems, the manual fire alarm and automatic detection
30 systems shall be electrically interconnected; and

31 4. the center shall demonstrate the ability to
32 evacuate the entire center population within three
33 minutes.

34 **Division 3.** Mental hospitals, mental sanitariums, jails,
35 prisons, reformatories, and buildings where personal liberties
36 of inmates are similarly restrained.

1 **EXCEPTION:** Group I Occupancies shall not include
2 buildings used only for private residential purposes
3 or for a family group.

4 Subp. 11. Sec. 9.117; Group R Occupancies definition
5 amended. The definition of Group R Occupancies in Sec. 9.117 of
6 the Uniform Fire Code is amended to read:

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

8 **Division 1.** Hotels and apartment houses. Convents and
9 monasteries, each accommodating more than ten persons; and Class
10 A-2 supervised living facilities, defined in Sec. 9.121, for the
11 mentally retarded, mentally ill, chemically dependent, and
12 physically handicapped, each accommodating more than four
13 persons. Physically handicapped persons shall be housed at
14 street level in supervised living facilities.

15 **EXCEPTION:** Class A-2 supervised living facilities,
16 defined in Sec. 9.121, having more than six but not
17 more than 15 ambulatory or mobile disabled persons,
18 duly licensed before April 11, 1983, and complying
19 with the requirements for lodging and rooming houses
20 as set forth in Standard 101 in the National Fire
21 Codes, 1973, issued by the National Fire Protection
22 Association (Boston, Massachusetts, 1973), are
23 classified as Group R, Division 3 Occupancies.

24 **Division 2.** Not used.

25 **Division 3.** Dwellings, lodging houses, and Class A-1
26 supervised living facilities defined in Sec. 9.121.

27 Subp. 12. Sec. 9.120; required by chief defined. Sec.
28 9.120 of the Uniform Fire Code is amended by adding a definition
29 to read:

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

34 Subp. 13. Sec. 9.121; state fire marshal defined. Sec.
35 9.121 of the Uniform Fire Code is amended by adding a definition
36 to read:

1 **Sec. 9.121. STATE FIRE MARSHAL** shall mean the Minnesota
2 state fire marshal or the state fire marshal's authorized
3 representatives.

4 Subp. 14. **Sec. 9.121; supervised living facility defined.**
5 **Sec. 9.121** of the Uniform Fire Code is amended by adding a
6 definition to read:

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

14 **Class A supervised living facility** shall mean a supervised
15 living facility for ambulatory and mobile persons who are
16 capable of taking appropriate action for self-preservation under
17 emergency conditions as determined by program licensure
18 provisions.

19 **Class A-1 supervised living facilities** shall include homes
20 providing boarding and lodging for six or fewer ambulatory or
21 mobile disabled persons.

22 **Class A-2 supervised living facilities** shall include homes
23 providing boarding and lodging for more than six ambulatory or
24 mobile disabled persons.

25 **Class B supervised living facility** shall mean a supervised
26 living facility for ambulatory or nonambulatory, mobile or
27 nonmobile persons who are not mentally or physically capable of
28 taking appropriate action for self-preservation under emergency
29 conditions as determined by program licensure provisions.

30 7510.3170 ARTICLE 10 OF UNIFORM FIRE CODE.

31 Subpart 1. **Sec. 10.207(m).** **Sec. 10.207** of the Uniform
32 Fire Code is amended by adding a subsection to read:

33 **Sec. 10.207. (m) Marking Fire Lanes.** The marking of fire
34 lanes on private and public property shall be designated and
35 approved by the chief.

1 Subp. 2. **Sec. 10.207(n).** Sec. 10.207 of the Uniform Fire
2 Code is amended by adding a subsection to read:

3 **Sec. 10.207. (n) Obstruction of Fire Lanes.** Parking of
4 motor vehicles in, or otherwise obstructing, fire lanes shall be
5 prohibited at all times.

6 Subp. 3. **Sec. 10.301(f).** Sec. 10.301(f) of the Uniform
7 Fire Code is amended to read:

8 **Sec. 10.301. (f) Approval and Testing.** All fire alarm
9 systems, fire hydrant systems, fire-extinguishing systems
10 (including automatic sprinklers), wet and dry standpipes,
11 basement inlet pipes, and other fire-protection systems and
12 appurtenances thereto shall meet the approval of the chief as to
13 installation and location and shall be subject to periodic tests
14 required by the chief. Plans and specifications shall be
15 submitted to the chief for review and approval before
16 installation.

17 Subp. 4. **Sec. 10.309(b).** Sec. 10.309(b) of the Uniform
18 Fire Code is amended to read:

19 **Sec. 10.309. (b) Where Required.** Standpipe systems shall
20 be provided as set forth in Table No. 10.309 and shall have a
21 constant water supply and pressure.

22 **EXCEPTION:** Dry standpipes may be installed with prior
23 approval of the chief.

24 Subp. 5. **Table No. 10.309.** Table No. 10.309, Item No. 2,
25 "Occupancy" column, of the Uniform Fire Code is amended to read:

26 **TABLE NO. 10.309.** Item No. 2, "Occupancy" column:
27 Occupancies 3 stories or more but less than 150 feet in height,
28 except Group R, Division 3. Class II standpipes are not
29 required in Group E or Group R-1 Occupancies.

30 7510.3180 ARTICLE 11 OF UNIFORM FIRE CODE.

31 Subpart 1. **Sec. 11.117.** Article 11 of the Uniform Fire
32 Code is amended by adding a section to read:

33 **Fires or Barbecues on Balconies or Patios**

34 **Sec. 11.117. (a) Open Flame Prohibited.** When required by
35 the chief, in any structure containing three or more dwelling

1 units, no person shall kindle, maintain, or cause any fire or
2 open flame on any balcony above ground level, or on any ground
3 floor patio within 15 feet of the structure.

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

7 **EXCEPTION:** Listed electric or gas-fired barbecue
8 grills that are permanently mounted, wired, or plumbed
9 to the building's gas supply or electrical system and
10 that maintain a minimum clearance of 18 inches on all
11 sides, unless listed for lesser clearances, may be
12 installed on balconies and patios when approved by the
13 chief.

14 Subp. 2. **Sec. 11.204.** Sec. 11.204 of the Uniform Fire
15 Code is amended by adding an Exception to read:

16 **Sec. 11.204. Exception.** For requirements relating to
17 Christmas trees, see Sec. 11.210.

18 Subp. 3. **Sec. 11.210.** Article 11 of the Uniform Fire Code
19 is amended by adding a section to read:

20 **Christmas Trees**

21 **Sec. 11.210. (a) Group I Occupancies.** The use or display
22 of natural or resin-bearing trees or decorations in Group I
23 Occupancies is prohibited.

24 (b) **Public Buildings.** The use, display, or storage of
25 natural or resin-bearing trees without open flames or electric
26 light decorations is permitted in schools, churches, hotels, and
27 business and mercantile occupancies. See Sec. 11.203(c).

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

31 (d) **R-1 Occupancies.** Natural or resin-bearing trees shall
32 not be stored on balconies or grounds of R-1 Occupancies. See
33 Sec. 11.203(c).

34 Subp. 4. **Sec. 11.302(e).** Sec. 11.302 of the Uniform Fire
35 Code is amended by adding a subsection to read:

36 **Sec. 11.302. (e) Misdemeanor.** Whoever intentionally gives

1 a false alarm of fire, or unlawfully tampers or interferes with
2 any station or signal box of any fire alarm system or any
3 auxiliary fire appliance, or unlawfully breaks, injures,
4 defaces, or removes any such box or station, or unlawfully
5 breaks, injures, destroys, or disturbs any of the wires, poles,
6 or other supports and appliances connected with or forming a
7 part of any fire alarm system or any auxiliary fire appliance is
8 guilty of a misdemeanor.

9 7510.3190 ARTICLE 12 OF UNIFORM FIRE CODE.

10 Subpart 1. Sec. 12.101. Sec. 12.101 of the Uniform Fire
11 Code is amended by adding a paragraph to read:

12 Sec. 12.101. Egress requirements in family and group
13 day-care homes located in a single family dwelling located on a
14 residential lot in which the day-care provider provides the
15 services referred to in Minnesota Statutes, section 245A.02,
16 subdivision 10, to one or more persons, shall not exceed the
17 egress requirements that apply to the home as a single family
18 dwelling.

19 Subp. 2. Sec. 12.106(a). Sec. 12.106(a) of the Uniform
20 Fire Code is amended to read:

21 Sec. 12.106. (a) General. Stairways shall conform to the
22 provisions of the Building Code.

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

26 7510.3200 ARTICLE 14 OF UNIFORM FIRE CODE.

27 Sec. 14.104(b). Sec. 14.104(b) of the Uniform Fire Code is
28 amended to read:

29 Sec. 14.104. (b) Type of System. A manual or
30 automatic fire alarm system or both shall be installed in
31 occupancies in accordance with the following:

32 1. A manual fire alarm system shall be installed
33 in:

34 A. Group A, Divisions 1, 2, and 2.1
35 Occupancies

1 B. Group H Occupancies used for the
2 manufacture of organic coatings

3 C. Group H, Division 6 Occupancies as set
4 forth in Article 51

5 2. An automatic fire alarm system shall be
6 installed in:

7 A. Group B, Division 2 Occupancies as set
8 forth in Chapter 33 of the Building Code

9 B. As set forth in Article 81 of this code

10 3. A manual and automatic fire alarm system
11 shall be installed in:

12 A. Group E Occupancies having more than 50
13 occupants and as set forth in Chapter 33 of the Building Code,
14 and in Group E, Division 3 Occupancies having more than 29
15 occupants. In every Group E Occupancy with an automatic
16 sprinkler or detection system, the operation of the system must
17 automatically activate the building fire alarm system.

18 In Group E Occupancies, an approved fire alarm system shall
19 mean a complete, noncoded, continuously sounding until manually
20 reset, electronically supervised fire alarm system consisting of
21 the following:

22 (i) Sounding stations on 100-foot to
23 150-foot spacing: (1) in corridors, (2) in areas of high noise
24 levels, such as band rooms, shops, and boiler rooms, and (3) on
25 a weatherproof station on the exterior of the building facing
26 residential areas.

27 (ii) Automatic sending stations
28 (detectors) in boiler rooms, kitchens, shops, painting areas,
29 lounges, laundries, janitor's closets, storerooms, unsupervised
30 and unoccupied spaces, and critical or hazardous areas.

31 (iii) Unobstructed, readily accessible
32 manual sending stations at visible locations in the natural path
33 of escape from fire, near each exit from an area on each floor.

34 B. Group I Occupancies

35 C. Group R, Division 1 Occupancies

36 specified in subsection (c).

1 7510.3210 ARTICLE 26 OF UNIFORM FIRE CODE.

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

4 **RESURFACING AND REFINISHING**

5 Subp. 2. Sec. 26.101. Sec. 26.101 of the Uniform Fire
6 Code is amended to read:

7 **Sec. 26.101.** Bowling alleys, roller skating rinks, and
8 other public assembly occupancies shall conform to all other
9 applicable requirements of this code, as well as the following
10 provisions.

11 Subp. 3. Sec. 26.102. Sec. 26.102 of the Uniform Fire
12 Code is amended to read:

13 **Sec. 26.102.** No person shall conduct bowling pin
14 refinishing and bowling alley or floor resurfacing and
15 refinishing operations involving the use and application of
16 flammable liquids or materials without a local permit.

17 Subp. 4. Sec. 26.103. The subtitle of Sec. 26.103 of the
18 Uniform Fire Code is amended to read:

19 **Resurfacing and Refinishing**

20 Subp. 5. Sec. 26.104. The subtitle of Sec. 26.104 of the
21 Uniform Fire Code is amended to read:

22 **Refinishing**

23 7510.3220 ARTICLE 61 OF UNIFORM FIRE CODE.

24 Sec. 61.105 of the Uniform Fire Code is amended to read:

25 **Sec. 61.105.** The grade of fuel oil used in a burner shall
26 be that for which the burner is approved and as stipulated by
27 the manufacturer. The installation and use of waste oil burners
28 shall conform to the provisions of Minnesota Statutes, section
29 299F.015.

30 7510.3230 ARTICLE 77 OF UNIFORM FIRE CODE.

31 Subpart 1. Sec. 77.104. Sec. 77.104 of the Uniform Fire
32 Code is deleted.

33 Subp. 2. Sec. 77.105. Sec. 77.105 of the Uniform Fire
34 Code is deleted.

1 7510.3240 ARTICLE 79 OF UNIFORM FIRE CODE.

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

4 Sec. 79.101. (a) General.

5 **EXCEPTIONS:**

6 1. The transportation of flammable and combustible
7 liquids when in conformity with the United States
8 Department of Transportation regulations on file with
9 and approved by the United States Department of
10 Transportation.

11 Subp. 2. Sec. 79.101(d). Sec. 79.101 of the Uniform Fire
12 Code is amended by adding a subsection to read:

13 Sec. 79.101. (d) Review of Plans. Requirements for the
14 review of plans, as covered in the following items 1 to 7, are
15 herein incorporated as part of this code, to read:

16 1. Before any construction or new or additional
17 installation for the storage, handling, or use of flammable
18 liquids is undertaken in bulk plants, service stations, chemical
19 plants, refineries, and processing plants, drawings or
20 blueprints of them made to scale shall be submitted to the state
21 fire marshal with an application, all in duplicate, for review.
22 Within a reasonable time, usually ten days after receipt of the
23 application with drawings or blueprints, the state fire marshal
24 shall examine them. On finding that they conform to the
25 applicable requirements of this code, the state fire marshal
26 shall so signify either by endorsement on them or by attachment
27 to them, retain one file copy, and return to the applicant the
28 other copy plus any additional copies submitted by the
29 applicant. If the drawings or blueprints do not conform to the
30 applicable requirements of this code, the state fire marshal
31 shall notify the applicant in writing within the time allowed
32 for the examination of the application.

33 2. Drawings shall show the name of the person,
34 firm, or corporation proposing the installation, its location,
35 and the adjacent streets or highways and surface waters of the

1 state.

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

9 4. In the case of service stations, the
10 drawings, in addition to any applicable features required under
11 items 5 and 6, shall show the plot of ground to be utilized; the
12 complete layout of buildings, drives, dispensing equipment, and
13 greasing or washing stalls; and the type and location of any
14 heating devices.

15 5. In the case of aboveground storage, the
16 drawings shall show the location and capacity of each tank;
17 dimensions of each tank that has a capacity exceeding 50,000
18 gallons; the class of liquids to be stored in each tank; the
19 type of tank supports; the clearance as covered in sections
20 79.503 and 79.504; the type of venting and pressure relief
21 relied upon and the combined capacity of all venting and
22 pressure relief valves on each tank, as covered in Sec. 79.509;
23 the tank control valves as covered in Sec. 79.509(c); the
24 location of the pumps and other facilities by which liquid is
25 filled into and withdrawn from the tanks; and diking provided,
26 if any.

27 6. In the case of underground storage, the
28 drawings shall show the locations of fill gauge and vent pipes
29 and openings, the location and capacity of each tank, and the
30 class of liquid to be stored in each tank, along with the
31 clearance and requirements as covered in sections 79.601 to
32 79.605.

33 7. In the case of an installation for storage,
34 handling, or use of flammable liquids within buildings or
35 enclosures at any establishment or occupancy covered in this
36 section, the drawings shall be in such detail as will show

1 whether applicable requirements are to be met.

2 Subp. 3. **Sec. 79.902(e).** Sec. 79.902(e) of the Uniform
3 Fire Code is amended by adding an exception to read:

4 **Sec. 79.902. (e) Dispensing.**

5 **EXCEPTION:** When approved by the chief, the dispensing
6 of Class I and Class II liquids from a fuel dispensing
7 system supplied by exterior aboveground tanks may be
8 permitted under the following conditions:

- 9 1. Not more than three aboveground storage tanks
10 shall be used for dispensing. Tanks shall not exceed
11 6,000 gallons individual capacity.
- 12 2. The tank system shall be listed or approved for
13 such aboveground use.
- 14 3. Fuel delivery from aboveground tanks shall be from
15 the top of the tank with the dispensing line equipped
16 with an approved antisiphon system, or by a remote
17 submersible pump system located in a tank of not over
18 60 gallons capacity attached to the main storage tank,
19 provided the line between the main tank and the remote
20 pump is equipped with a normally closed solenoid valve
21 and fire valve at the tank opening.
- 22 4. Dispensing lines between the diked area and the
23 dispenser shall be located underground. These lines
24 shall be equipped with approved leak detection devices
25 connected to an audible and visual alarm as required
26 by the chief. These lines shall also be equipped with
27 approved excess flow valves and a normally closed
28 solenoid valve at each dispenser located below the
29 impact valve.
- 30 5. The tank shall be equipped with overfill
31 protection and the fill pipe between the opening and
32 the diked area shall be underground. In addition to
33 the normal valving requirements of the code, there
34 shall be a manually operated, mechanical shut-off
35 valve on the fill line inside the diked area which is
36 operated from a location outside the dike.

- 1 6. Dispensing lines and fill piping shall not
2 penetrate the dike.
- 3 7. The tanks and piping shall be safeguarded against
4 collision, spillage, and overflow as required by the
5 chief.
- 6 8. The tanks shall comply with requirements for
7 emergency relief venting, and the tanks and dispensing
8 system shall meet the electrical classification
9 requirements of the code.
- 10 9. Tanks, piping, valves and fittings, and diking
11 shall be constructed and maintained in accordance with
12 Article 79.
- 13 10. Tanks shall be provided with lightning protection
14 as specified in National Fire Protection Association
15 Standard 78, Lightning Protection Code, by the
16 National Fire Protection Association (Quincy,
17 Massachusetts, 1986). Standard 78 is incorporated by
18 reference, is not subject to frequent change, and is
19 available at the State Law Library, 117 University
20 Avenue, Saint Paul, Minnesota 55155.
- 21 11. Tank location and distance shall be two times
22 that specified in sections 79.503 and 79.504, but not
23 less than 30 feet from the nearest side of any public
24 way or from the nearest building and dispensing units
25 on the same property.
- 26 12. Where more than one tank is used, all aboveground
27 tanks shall be protected by an approved fire
28 protection system when required by the chief.
- 29 13. Variances shall not be granted from any of the
30 provisions contained in items 2 to 12.
- 31 Subp. 4. Sec. 79.903(a). The first paragraph of Sec.
32 79.903(a) of the Uniform Fire Code is amended to read:
- 33 Sec. 79.903. (a) Design and Construction. Except as
34 otherwise provided in Sec. 79.902(e), Class I and Class II
35 liquids shall be transferred from underground tanks by means of
36 fixed pumps so designed and equipped as to allow control of the

1 flow and to prevent leakage or accidental discharge.
 2 Supplemental means shall be provided outside of the dispensing
 3 device so that the source of power may be readily disconnected
 4 in the event of fire or other accident. Dispensing devices for
 5 Class I, II, or III-A liquids shall be of approved type. See
 6 Sec. 2.303(b). Class I, II, or III-A liquids shall be dispensed
 7 by approved pumps taking suction through the top of the
 8 container. Class I, II, or III-A liquids shall not be dispensed
 9 by a device that operates through pressure within a storage tank
 10 or container unless the tank or container has been approved as a
 11 pressure vessel for the use to which it is subjected. In no
 12 case shall air or oxygen pressure be used for dispensing
 13 flammable Class I, II, or III-A liquids. This section does not
 14 prohibit use permitted by Sec. 79.904.

15 Subp. 5. Sec. 79.903(g). Sec. 79.903 of the Uniform Fire
 16 Code is amended by adding a subsection to read:

17 **Sec. 79.903. (g) Age Requirement.** Flammable and
 18 combustible liquids shall be dispensed only by persons 16 years
 19 of age or older. Prominent signs shall be posted at
 20 self-service stations prohibiting flammable liquids from being
 21 dispensed by anyone under age 16.

22 7510.3250 ARTICLE 80 OF UNIFORM FIRE CODE.

23 Sec. 80.104(e) of the Uniform Fire Code is amended to read:

24 **Sec. 80.104. (e) IDENTIFICATION.** Visible hazard
 25 identification signs as specified in Uniform Fire Code
 26 Standards, Standard No. 79-3, Identification of the Health,
 27 Flammability, and Reactivity of Hazardous Materials, published
 28 by the International Conference of Building Officials and the
 29 Western Fire Chiefs Association, 1988, (Whittier, California),
 30 shall be placed at entrances to locations where hazardous
 31 materials are stored, dispensed, used, or handled in quantities
 32 requiring a permit. The chief shall designate the specific
 33 entrances where signs are required.

34 The chief may waive this requirement in special cases when
 35 consistent with safety, if the facility owner or operator, in

1 conjunction with the chief, develops an approved preemergency
 2 plan consistent with the Hazardous Materials Management Plan
 3 (HMMP) in Appendix II-E. The owner or operator shall make
 4 copies of this plan available to other emergency response
 5 agencies on request.

6 In addition, when required by the chief, hazard
 7 identification signs mounted on a building shall include a sign
 8 indicating the hazard type and range value for the average daily
 9 amount of hazardous materials present, as required on the Tier 1
 10 hazardous chemical inventory form under the Superfund Amendments
 11 and Reauthorization Act of 1986, Public Law Number 99-499,
 12 section 312, subsection (d)(1) "Tier I Information," which is
 13 incorporated by reference. The placard symbols for hazard type
 14 and range value are as follows:

15 1. HAZARD TYPE:

16 Physical Hazards

17 Fire - The 3-letter placard abbreviation is: FIR
 18 Sudden Release of Pressure - The 3-letter placard
 19 abbreviation is: SRP
 20 Reactivity - The 3-letter placard abbreviation is: REA

21 Health Hazards

22 Immediate (acute) - The 3-letter placard
 23 abbreviation is: HHI
 24 Delayed (chronic) - The 3-letter placard
 25 abbreviation is: HHD

26 2. RANGE VALUE:

27	28 Placard Abbreviation	29 Weight Range in Pounds	
		30 From	31 To
32	--	None Present	
33	00	0	99
34	01	100	999
35	02	1,000	9,999
36	03	10,000	99,999
37	04	100,000	999,999
38	05	1,000,000	9,999,999
39	06	10,000,000	49,999,999
	07	50,000,000	99,999,999
	08	100,000,000	499,999,999
	09	500,000,000	999,999,999

1 10 1 billion or greater

2 7510.3260 ARTICLE 82 OF UNIFORM FIRE CODE.

3 ~~Sec. 82.102 of the Uniform Fire Code is amended by adding a~~
4 ~~subsection to read:~~

5 Subpart 1. Article 82. Article 82 of the Uniform Fire
6 Code is deleted in its entirety and replaced with the following:

7 Sec. 82.101. LP Gas Storage and Handling. The storage,
8 handling, transportation, and use of liquified petroleum gas and
9 the installation of all equipment pertinent to systems for such
10 uses shall be designed, constructed, installed, operated, and
11 maintained in accordance with the provisions of U.F.C. Standard
12 No. 82-1.

13 Sec. 82.102. LP Gas Systems at Utility Gas Plants. The
14 design, construction, location, installation, and operation of
15 refrigerated and nonrefrigerated liquified petroleum gas systems
16 at utility gas plants shall be in accordance with the provisions
17 of U.F.C. Standard No. 82-2.

18 ~~Sec. 82.102--(d)~~ Sec. 82.103. Submittal of Plans. Where
19 an underground container is permitted, plans of its
20 installation, regardless of capacity, shall be submitted for
21 review to the state fire marshal before construction.

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

27 Subp. 2. Uniform Fire Code Standard No. 82-1. Part I of
28 Uniform Fire Code Standard No. 82-1 is deleted in its entirety.

29 7510.3270 ARTICLE 85 OF UNIFORM FIRE CODE.

30 Sec. 85.109 of the Uniform Fire Code is amended to read:

31 Sec. 85.109. Electrical appliances or fixtures shall not
32 be used unless they are of an approved type.

33 7510.3280 AMENDMENTS TO APPENDIXES OF UNIFORM FIRE CODE.

34 Subpart 1. Adoption. Appendixes I-A, I-C, II-A, II-B,

1 II-C, IV-A, and VI-D of the Uniform Fire Code, as amended by
2 this part, shall be deemed a part of this code and shall be
3 enforced as such.

4 Subp. 2. Appendix I-A, Sec. 1(b). Appendix I-A, Sec.
5 1(b), is deleted in its entirety.

6 Subp. 3. Appendix I-A, Sec. 2(a). The first paragraph and
7 the accompanying exception in Appendix I-A, Sec. 2(a), are
8 amended to read:

9 **Sec. 2. EXITS**

10 (a) Number of Exits. Every basement and every floor above
11 the first story used for human occupancy shall have access to at
12 least two separate exits, one of which may be an exterior fire
13 escape complying with subsection (d) of this section. Subject
14 to the approval of the chief, an approved ladder device may be
15 used in lieu of a fire escape when the construction feature or
16 location of the building on the property makes the installation
17 of a fire escape impractical.

18 **EXCEPTIONS:**

19 1. In all occupancies, basements and second stories
20 with an occupant load of ten or less may have one exit.

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

24 3. Floors and basements used exclusively for service
25 of the building may have one exit. For the purposes
26 of this exception, storage rooms, laundry rooms,
27 maintenance offices, and similar uses shall not be
28 considered as providing service to the building.

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

32 Subp. 4. Appendix I-A, Sec. 2(c). Appendix I-A, Sec.
33 2(c), is amended to read:

34 **Sec. 2. EXITS**

35 (c) Corridors. Corridors serving a Group R, Division 1 or
36 Group I Occupancy having an occupant load of ten or more and

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

19 **EXCEPTION:** Existing corridor walls, ceilings, and
20 opening protection not in compliance with the above
21 may be continued when such buildings are protected
22 with an approved automatic sprinkler system
23 throughout. Such sprinkler system may be supplied
24 from the domestic water system if it is of adequate
25 volume and pressure.

26 Subp. 5. Appendix I-A, Sec. 5. Appendix I-A, Sec. 5, is
27 amended to read:

28 **Sec. 5. STANDPIPES**

29 When required by the chief, any building three stories or
30 more in height shall be provided with an approved Class I or
31 Class III standpipe system.

32
33 **REPEALER.** Minnesota Rules, parts 7510.0200, 7510.0300,
34 7510.0400, 7510.0500, 7510.1100, 7510.1200, 7510.1300,
35 7510.1400, 7510.1500, 7510.1600, 7510.1700, 7510.1800,
36 7510.1900, 7510.2000, 7510.2100, 7510.2200, 7510.2300,

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- 1 7510.2400, 7510.2500, 7510.3000, 7510.4100, 7510.4200,
- 2 7510.4300, 7510.4400, 7510.5100, 7510.5200, 7510.5300, and
- 3 7510.5400, are repealed.