

**CHAPTER 7510**  
**DEPARTMENT OF PUBLIC SAFETY**  
**FIRE MARSHAL DIVISION**  
**FIRE SAFETY**

7510 3100 PURPOSE

7510 3110 SCOPE

7510 3120 RULES AND STANDARDS ADOPTED  
BY REFERENCE

UNIFORM FIRE CODE AMENDMENTS

7510 3130 ARTICLE 1 OF UNIFORM FIRE  
CODE7510 3140 ARTICLE 2 OF UNIFORM FIRE  
CODE7510 3150 ARTICLE 4 OF UNIFORM FIRE  
CODE7510 3160 ARTICLE 9 OF UNIFORM FIRE  
CODE7510 3170 ARTICLE 10 OF UNIFORM FIRE  
CODE7510 3180 ARTICLE 11 OF UNIFORM FIRE  
CODE7510 3190 ARTICLE 12 OF UNIFORM FIRE  
CODE7510 3200 ARTICLE 14 OF UNIFORM FIRE  
CODE7510 3210 ARTICLE 26 OF UNIFORM FIRE  
CODE7510 3220 ARTICLE 61 OF UNIFORM FIRE  
CODE7510 3230 ARTICLE 77 OF UNIFORM FIRE  
CODE7510 3240 ARTICLE 79 OF UNIFORM FIRE  
CODE7510 3250 ARTICLE 80 OF UNIFORM FIRE  
CODE7510 3260 ARTICLE 82 OF UNIFORM FIRE  
CODE7510 3270 ARTICLE 85 OF UNIFORM FIRE  
CODE7510 3280 AMENDMENTS TO APPENDIXES OF  
UNIFORM FIRE CODE**7510.0200** [Repealed, 14 SR 847]**7510.0300** [Repealed, 14 SR 847]**7510.0400** [Repealed, 14 SR 847]**7510.0500** [Repealed, 14 SR 847]**7510.1100** [Repealed, 14 SR 847]**7510.1200** [Repealed, 14 SR 847]**7510.1300** [Repealed, 14 SR 847]**7510.1400** [Repealed, 14 SR 847]**7510.1500** [Repealed, 14 SR 847]**7510.1600** [Repealed, 14 SR 847]**7510.1700** [Repealed, 14 SR 847]**7510.1800** [Repealed, 14 SR 847]**7510.1900** [Repealed, 14 SR 847]**7510.2000** [Repealed, 14 SR 847]**7510.2100** [Repealed, 14 SR 847]**7510.2200** [Repealed, 14 SR 847]**7510.2300** [Repealed, 14 SR 847]**7510.2400** [Repealed, 14 SR 847]**7510.2500** [Repealed, 14 SR 847]**7510.3000** [Repealed, 14 SR 847]**7510.3100 PURPOSE.**

The purpose of parts 7510.3100 to 7510.3280 is to adopt uniform fire safety standards governing the maintenance of buildings and premises; regulate the

storage, use, and handling of dangerous and hazardous materials, substances, and processes; and regulate the maintenance of adequate egress facilities.

**Statutory Authority:** *MS s 299F.011*

**History:** *14 SR 847*

#### **7510.3110 SCOPE.**

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

**Statutory Authority:** *MS s 299F.011*

**History:** *14 SR 847*

#### **7510.3120 RULES AND STANDARDS ADOPTED BY REFERENCE.**

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

**Statutory Authority:** *MS s 299F.011*

**History:** *14 SR 847*

### **UNIFORM FIRE CODE AMENDMENTS**

#### **7510.3130 ARTICLE 1 OF UNIFORM FIRE CODE.**

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

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

**Statutory Authority:** *MS s 299F.011*

**History:** *14 SR 847*

#### **7510.3140 ARTICLE 2 OF UNIFORM FIRE CODE.**

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

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

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

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

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

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

Subp. 3. **Sec. 2.202.** Sec. 2.202 of the Uniform Fire Code is amended to read:

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

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

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

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

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

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

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

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

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

**Statutory Authority:** *MS s 299F.011*

**History:** *14 SR 847*

## 7510.3150 ARTICLE 4 OF UNIFORM FIRE CODE.

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

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

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

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

**Statutory Authority:** *MS s 299F.011*

**History:** *14 SR 847*

#### 7510.3160 ARTICLE 9 OF UNIFORM FIRE CODE.

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

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

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

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

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

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

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

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

Subp. 5. **Sec. 9.109; group day care home defined.** Sec. 9.109 of the Uniform Fire Code is amended by adding a definition to read:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

1. not more than 50 percent of the center's licensed capacity shall be made up of participants who are not capable of taking appropriate action for self-preservation under emergency conditions;
2. the center shall be located on a floor level with all exits directly to grade without intervening stairs;
3. the center shall be protected with a complete automatic fire detection system consisting of:
  - (i) automatic smoke detectors in all corridors and at the top of all stairways;
  - (ii) automatic detectors in boiler and furnace rooms, kitchens, storage rooms, janitor closets, laundries, and other hazardous areas; and
  - (iii) in buildings equipped with manual fire alarm systems, the manual fire alarm and automatic detection systems shall be electrically interconnected; and
4. the center shall demonstrate the ability to evacuate the entire center population within three minutes.

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

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

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

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

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

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

**Division 2.** Not used.

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

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

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

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

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

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

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

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

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

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

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

**Statutory Authority:** *MS s 299F.011*

**History:** *14 SR 847*

**7510.3170 ARTICLE 10 OF UNIFORM FIRE CODE.**

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

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

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

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

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

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

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

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

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

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

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

**Statutory Authority:** *MS s 299F.011*

**History:** *14 SR 847*

## 7510.3180 ARTICLE 11 OF UNIFORM FIRE CODE.

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

### **Fires or Barbecues on Balconies or Patios**

**Sec. 11.117. (a) Open Flame Prohibited.** When required by the chief, in any structure containing three or more dwelling units, no person shall kindle, maintain, or cause any fire or open flame on any balcony above ground level; or on any ground floor patio within 15 feet of the structure.

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

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

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

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

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

### **Christmas Trees**

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

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

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

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

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

**Sec. 11.302. (e) Misdemeanor.** Whoever intentionally gives a false alarm of fire, or unlawfully tampers or interferes with any station or signal box of any fire alarm system or any auxiliary fire appliance, or unlawfully breaks, injures, defaces, or removes any such box or station, or unlawfully breaks, injures, destroys, or disturbs any of the wires, poles, or other supports and appliances connected with or forming a part of any fire alarm system or any auxiliary fire appliance is guilty of a misdemeanor.

**Statutory Authority:** *MS s 299F.011*

**History:** *14 SR 847*

#### 7510.3190 ARTICLE 12 OF UNIFORM FIRE CODE.

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

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

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

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

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

**Statutory Authority:** *MS s 299F.011*

**History:** *14 SR 847*

#### 7510.3200 ARTICLE 14 OF UNIFORM FIRE CODE.

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

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

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

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

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

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

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

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

B. As set forth in Article 81 of this code

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

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

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

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

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

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

B. Group I Occupancies

C. Group R, Division 1 Occupancies specified in subsection (c).

**Statutory Authority:** *MS s 299F.011*

**History:** *14 SR 847*

### 7510.3210 ARTICLE 26 OF UNIFORM FIRE CODE.

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

#### **RESURFACING AND REFINISHING**

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

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

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

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

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

#### **Resurfacing and Refinishing**

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

#### **Refinishing**

**Statutory Authority:** *MS s 299F.011*

**History:** *14 SR 847*

### 7510.3220 ARTICLE 61 OF UNIFORM FIRE CODE.

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

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

**Statutory Authority:** *MS s 299F.011*

**History:** *14 SR 847*

### 7510.3230 ARTICLE 77 OF UNIFORM FIRE CODE.

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

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

**Statutory Authority:** *MS s 299F.011*

**History:** *14 SR 847*

#### **7510.3240 ARTICLE 79 OF UNIFORM FIRE CODE.**

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

**Sec. 79.101. (a) General.**

##### **EXCEPTIONS:**

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

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

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

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

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

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

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

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

6. In the case of underground storage, the drawings shall show the locations of fill gauge and vent pipes and openings, the location and capacity of

each tank, and the class of liquid to be stored in each tank, along with the clearance and requirements as covered in sections 79.601 to 79.605.

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

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

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

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

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

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

3. Fuel delivery from aboveground tanks shall be from the top of the tank with the dispensing line equipped with an approved antisiphon system, or by a remote submersible pump system located in a tank of not over 60 gallons capacity attached to the main storage tank, provided the line between the main tank and the remote pump is equipped with a normally closed solenoid valve and fire valve at the tank opening.

4. Dispensing lines between the diked area and the dispenser shall be located underground. These lines shall be equipped with approved leak detection devices connected to an audible and visual alarm as required by the chief. These lines shall also be equipped with approved excess flow valves and a normally closed solenoid valve at each dispenser located below the impact valve.

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

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

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

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

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

10. Tanks shall be provided with lightning protection as specified in National Fire Protection Association Standard 78, Lightning Protection Code, by the National Fire Protection Association (Quincy, Massachusetts, 1986). Standard 78 is incorporated by reference, is not subject to frequent change, and is available at the State Law Library, 117 University Avenue, Saint Paul, Minnesota 55155.

11. Tank location and distance shall be two times that specified in sections 79.503 and 79.504, but not less than 30 feet from the nearest side of any public way or from the nearest building and dispensing units on the same property.

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

13. Variances shall not be granted from any of the provisions contained in items 2 to 12.

Subp. 4. **Sec. 79.903(a).** The first paragraph of Sec. 79.903(a) of the Uniform Fire Code is amended to read:

**Sec. 79.903. (a) Design and Construction.** Except as otherwise provided in Sec. 79.902(e), Class I and Class II liquids shall be transferred from underground tanks by means of fixed pumps so designed and equipped as to allow control of the flow and to prevent leakage or accidental discharge. Supplemental means shall be provided outside of the dispensing device so that the source of power may be readily disconnected in the event of fire or other accident. Dispensing devices for Class I, II, or III-A liquids shall be of approved type. See Sec. 2.303(b). Class I, II, or III-A liquids shall be dispensed by approved pumps taking suction through the top of the container. Class I, II, or III-A liquids shall not be dispensed by a device that operates through pressure within a storage tank or container unless the tank or container has been approved as a pressure vessel for the use to which it is subjected. In no case shall air or oxygen pressure be used for dispensing flammable Class I, II, or III-A liquids. This section does not prohibit use permitted by Sec. 79.904.

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

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

**Statutory Authority:** *MS s 299F.011*

**History:** *14 SR 847*

#### 7510.3250 ARTICLE 80 OF UNIFORM FIRE CODE.

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

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

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

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

##### 1. HAZARD TYPE:

###### Physical Hazards

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

###### Health Hazards

Immediate (acute) - The 3-letter placard

abbreviation is: HHI  
 Delayed (chronic) - The 3-letter placard  
 abbreviation is: HHD

2. RANGE VALUE:

Placard Abbreviation	Weight Range in Pounds	
	From	To
—	None Present	
00	0	99
01	100	999
02	1,000	9,999
03	10,000	99,999
04	100,000	999,999
05	1,000,000	9,999,999
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
10	1 billion or greater	

Statutory Authority: *MS s 299F.011*

History: *14 SR 847*

**7510.3260 ARTICLE 82 OF UNIFORM FIRE CODE.**

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

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

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

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

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

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

Statutory Authority: *MS s 299F.011*

History: *14 SR 847*

**7510.3270 ARTICLE 85 OF UNIFORM FIRE CODE.**

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

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

Statutory Authority: *MS s 299F 011*

History: *14 SR 847*

**7510.3280 AMENDMENTS TO APPENDIXES OF UNIFORM FIRE CODE.**

Subpart 1. **Adoption.** Appendixes I-A, I-C, II-A, II-B, II-C, IV-A, and VI-D

of the Uniform Fire Code, as amended by this part, shall be deemed a part of this code and shall be enforced as such.

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

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

**Sec. 2. EXITS**

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

**EXCEPTIONS:**

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

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

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

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

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

**Sec. 2. EXITS**

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

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

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

**Sec. 5. STANDPIPES**

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

**Statutory Authority:** *MS s 299F.011*

**History:** *14 SR 847*

**FIRE SAFETY**

**7510.4100** [Repealed, 14 SR 847]

**7510.4200** [Repealed, 14 SR 847]

**7510.4300** [Repealed, 14 SR 847]

**7510.4400** [Repealed, 14 SR 847]

**7510.5100** [Repealed, 14 SR 847]

**7510.5200** [Repealed, 14 SR 847]

**7510.5300** [Repealed, 14 SR 847]

**7510.5400** [Repealed, 14 SR 847]