

CHAPTER 1305
DEPARTMENT OF ADMINISTRATION
MINNESOTA STATE BUILDING CODE
AMENDMENTS TO THE UNIFORM BUILDING CODE

1305 0010	ADOPTION OF UNIFORM BUILDING CODE BY REFERENCE	1305 1701	SECTION 1701, SPECIAL INSPECTIONS
1305 0020	APPENDIX CHAPTERS	1305 2320	SECTION 2320, BLOCKING
1305 0107	SECTION 107, FEES	1305 3401	SECTION 3401, EXISTING STRUCTURES
1305 0308	SECTION 308, GROUP I OCCUPANCIES	1305 4313	UBC APPENDIX CHAPTER 3, DIVISION I - DETENTION AND CORRECTIONAL FACILITIES
1305 0704	SECTION 704 5, FIRE-RESISTIVE MATERIAL OMITTED	1305 4332	UBC APPENDIX CHAPTER 3 DIVISION III, ONE- AND TWO-FAMILY DWELLING CODE ADOPTED
1305 0904	SECTION 904, FIRE EXTINGUISHING SYSTEMS	1305 4415	UBC APPENDIX CHAPTER 15, REROOFING
1305 1000	CHAPTER 10, MEANS OF EGRESS	1305 4416	UBC APPENDIX CHAPTER 16, DIVISION I, SNOW LOAD DESIGN
1305 1506	SECTION 1506, ROOF DRAINAGE	1305 4429	UBC APPENDIX CHAPTER 29, MINIMUM PLUMBING FIXTURES
1305 1616	SECTION 1616, WIND DESIGN DEFINITIONS		
1305 1618	SECTION 1618, BASIC WIND SPEED		
1305 1625	SECTION 1625, OCCUPANCY CATEGORIES		

1305.0010 ADOPTION OF UNIFORM BUILDING CODE BY REFERENCE.

Chapters 1 to 35 and certain appendixes of the 1997 edition of the Uniform Building Code as promulgated by the International Conference of Building Officials, Whittier, California, are incorporated by reference and made part of the Minnesota State Building Code except as qualified by the applicable provisions in chapter 1300, part 1305.0020, and as amended in this chapter. The Uniform Building Code is not subject to frequent change and a copy of the Uniform Building Code, with amendments for use in Minnesota, is available in the office of the commissioner of administration.

Statutory Authority: *MS s 16B 59 to 16B 75*

History: *23 SR 683*

1305.0020 APPENDIX CHAPTERS.

Subpart 1 **Required.** Uniform Building Code Appendix Chapters 3, Division I, 12, Division II, 15, 16, Division I; 29, and 31, Division II must be administered by any municipality which has adopted the code.

Subp 2. **Optional.** UBC Appendix Chapters 3, Division III, and 33 are not mandatory but may be adopted without change at the discretion of any municipality which has adopted the code, except UBC Appendix Chapter 33 may be adopted with a revised fee schedule and bonding requirements.

Statutory Authority: *MS s 16B 59 to 16B 75*

History: *23 SR 683*

1305.0107 SECTION 107, FEES.

Subpart 1. **Section 107.2.** UBC Section 107 2, permit fees, is amended by deleting the first paragraph.

Subp 2 **Section 107.3.** UBC Section 107 3 is amended by amending the first paragraph and adding an exception to the first paragraph to read as follows:

107 3 Plan review fees. When submittal documents are required by Section 106 3 2, a plan review fee must be paid at the time of submitting the submittal documents for plan review. The plan review fee must be 65 percent of the building permit fee.

Exception. The plan review fee for dwellings, apartment houses, and their accessory structures may be established by the local authority and must not exceed 65 percent of the building permit fee.

Statutory Authority: *MS s 16B 59 to 16B.75*

History: *23 SR 683*

1305.0308 SECTION 308; GROUP I OCCUPANCIES.

[For text of subpart 1, see M.R.]

Subp 2 Section 308.2.2.1. Section 308 2 2 1 of the UBC is amended to read as follows

UBC Section 308 2 2 1 Group I smoke barriers Floor levels of Group I occupancies used by inpatients for sleeping or treatment, or having an occupant load of five or more, shall be divided into at least two compartments by smoke barriers of not less than one-hour fire resistance meeting the requirements of Section 905 2 3 The area within a smoke-control zone shall not exceed 22,500 square feet (2,090 m²) and its width or length shall not exceed 150 feet (45,720 mm) The area of a smoke zone shall not be less than that required to accommodate the occupants of the zone plus the occupants from any adjoining zone Not less than 30 square feet (2.8 m²) net clear floor area for bed and litter patients and six square feet (0.6 m²) net clear floor area for other occupants shall be used to compute the required areas

Doors in smoke barriers shall be tight-fitting smoke- and draft-control assemblies having a fire protection rating of not less than 20 minutes and shall comply with Section 1007 5 1 When doors are installed across corridors, a pair of opposite-swmgmg doors without a center mullion or horizontal sliding doors that comply with UBC Standard 7-8, which is part of this code (see UBC Chapter 35, part II), shall be installed Smoke barrier doors shall

A. when installed across corridors, have vision panels The area of the vision panels shall not exceed that tested,

B. be close fitting with only the clearance necessary for proper operation and shall be without undercuts, louvers, or grilles,

C. have stops at the head and jambs Opposite-swmgmg corridor doors shall have rabbets or astragals at the meeting edges,

D. have positive latching devices, except on doors installed across corridors, and

E. be self-closing or automatic closing An approved sign shall be adjacent to self-closing doors specifying that they are to be maintained in a closed position Doors installed across corridors shall comply with Section 713 6.1, item 3, and doors on the floor or in the affected zone shall automatically close if the fire alarm or sprinkler system is activated

At least two exits shall be provided from each smoke zone Exits may pass through adjacent zones, provided at least one exit does not return through the compartment zone from which exiting originated Exit doors at zone boundaries shall be equipped with approved vision panels.

A smoke exhaust system as defined in Section 903 shall be provided in each smoke-control zone of every Group I occupancy

Exception In other than I-3 occupancies, operable windows or fixed windows that can be readily broken by impact may be used in lieu of a smoke exhaust system.

[For text of subp 3, see M.R.]

Statutory Authority: *MS s 16B.59 to 16B.75*

History: *23 SR 683*

1305.0704 SECTION 704.5, FIRE-RESISTIVE MATERIAL OMITTED.

UBC 704 5 is amended to read as follows:

704 5 Fire-resistive Material Omitted. Fire-resistive material is not required at the bottom flange of lintels, shelf angles, and plates, spanning not more than six feet whether part of the structural frame or not, and from the bottom flange of lintels, shelf angles, and plates not part of the structural frame, regardless of span.

Statutory Authority: *MS s 16B 59 to 16B 75*

History: *23 SR 683*

1305.0904 SECTION 904, FIRE EXTINGUISHING SYSTEMS.

Subpart 1 Section 904.1.2. UBC Section 904 1 2 is amended by adding the following two exceptions

4 Fire-extinguishing systems complying with the National Fire Protection Association Standard for the Installation of Sprinkler Systems, NFPA 13-1996

5 When, in the opinion of the fire chief, an adequate alternate water supply for hose stream requirements is provided or available, the water supply requirements for the sprinkler system hose stream demands may be modified

Subp 2 **Section 904.2.4.1.** UBC Section 904 2.4 1 is amended as follows

UBC Section 904 2 4 1 General An automatic sprinkler system shall be installed in Group E, Division I occupancies

Exceptions 1 (Unchanged)

2 When area separation walls or occupancy separations having a minimum fire-resistive rating of not less than two hours separate the E-1 occupancy from other occupancies in mixed occupancy buildings exceeding 20,000 square feet, and subdivide the E-1 occupancy exceeding 20,000 square feet into compartments such that each compartment contains an aggregate floor area not greater than 20,000 square feet (1,858 m²), an automatic sprinkler system need not be provided

Subp 3 **Section 904.2.9.** UBC Section 904 2 9 is amended by adding the following

For the purposes of this section, area separation walls shall not define separate buildings

Subp 4 **Section 904.3.1.** UBC Section 904.3 1 is amended by modifying the first paragraph as follows

904 3 1 Where required All valves controlling the water supply for automatic sprinkler systems and water-flow switches on all sprinkler systems shall be electrically monitored where the number of sprinklers are 20 or more

Subp 5 **Section 904.3.3.** UBC Section 904 3 3 is amended by adding this section as follows

904.3 3 Valve Security All valves controlling water supplies for automatic sprinkler systems shall be locked or secured in the open position

Exception Valves located in a room or space when access is limited to essential personnel only

Subp 6 **Section 904.4.** UBC Section 904 4 is amended by adding the following three exceptions

6 At the top of elevator shafts when the shaft is of noncombustible construction

7 In the machine rooms of traction-type elevators which are located on top of the elevator shaft and are separated from other areas of the building, other than the shaft, by not less than a one-hour fire-resistive occupancy separation

8 On the ceiling of rooms containing swimming pools when the pool is used exclusively for swimming purposes and when sprinklers are provided around the perimeter of the pool area

Subp. 7 **Table No. 9-A.** UBC Table No 9-A is amended as follows:

In the column entitled Nonsprinklered Building, footnote 1 is deleted

Item No 1 under the Hose Requirement column for Nonsprinklered Building is amended to read as follows No

Item No 1 under the Standpipe Class column for Sprinklered Buildings is amended to read as follows III

Item No 2 under the Occupancy column is amended to read as follows: Occupancies three stories or more but less than 150 feet in height, except Group R Division 3⁶⁷⁸

Item No 2 under the Standpipe Class for Nonsprinklered Building is amended to read as follows III

Item No 2 under the Hose Requirement column for Nonsprinklered Building is amended to read as follows No

Item No 2 under the Standpipe Class for Sprinklered Building is amended to read as follows III

Item No. 3 under the Occupancy column is amended to read as follows Group A Occupancies with occupant load exceeding 1,000⁵

Item No 3 under the Standpipe Class for Nonsprinklered Building is amended to read as follows III

Item No 3 under the Hose Requirement column for Nonsprinklered Building is amended to read as follows No

Item No 4 under the Occupancy column is amended to read as follows. Group A, Division 2 1 Occupancies over 12,000 square feet in area used for exhibition

Item No 4 under the Standpipe Class for Nonsprinklered Building is amended to read as follows III

Item No 4 under the Hose Requirement column for Nonsprinklered Building is amended to read as follows No

Item No 4 under the Standpipe Class column for Sprinklered Building is amended to read as follows III

Item No 4 under the Hose Requirement column for Sprinklered Building is amended to read as follows No

Item No 5 under the Occupancy column is amended to read as follows Groups I, H, B, M Occupancies less than four stories in height but greater than 20,000 square feet per floor⁶

Item No 5 under the Standpipe Class column for Nonsprinklered Building is amended to read as follows III

Item No 5 under the Hose Requirement column for Nonsprinklered Building is amended to read as follows No

Item No 6 under the Occupancy column is amended to read as follows Groups S and F, Division 1 Occupancies less than four stories in height but greater than 20,000 square feet per floor⁶

Item No 6 under the Standpipe Class column for Nonsprinklered Building is amended to read as follows II or III^{1,4}

Item No. 6 under the Hose Requirement column for Nonsprinklered Building is amended to read as follows Yes

Item No 6 under the Standpipe Class column for Sprinklered Building is amended to read as follows No requirement

Item No 6 under the Hose Requirement for Sprinklered Building is amended to read as follows. No

UBC Table No 9-A footnote 1 is amended to read as follows Class II standpipes need not be provided in basements having an automatic fire-extinguishing system throughout

UBC Table No 9-A footnote 2 is amended to read as follows The standpipe system may be combined with the automatic sprinkler system In buildings four or less stories in height which are protected throughout by an automatic sprinkler system, a standpipe system need only meet the pressure requirements for the sprinkler system

UBC Table No 9-A footnote 5 is amended to read as follows Class II standpipes need not be provided in assembly areas used solely for worship

UBC Table No. 9-A is amended by adding footnote 7 to read as follows. If an approved automatic fire extinguishing system required by Section 904 is installed, the number of stories must be four or more

UBC Table No 9-A is amended by adding footnote 8 to read as follows In municipalities that have adopted the special fire protection system criteria specified in chapter 1306, the number of stories must be four or more

Subp 8 **Section 904.5.1** UBC Section 904 5.1 is amended by adding the following exception

Exception In buildings four or less stories in height which are protected throughout by an approved automatic sprinkler system, a Class I or III standpipe system need only meet the pressure requirements for the sprinkler system

Statutory Authority: *MS s 16B 59 to 16B 75*

History: *23 SR 683*

1305.1000 CHAPTER 10, MEANS OF EGRESS.

Subpart 1 **Section 1003.3.1.10.** UBC Section 1003 3.1 10 is amended in the first paragraph by changing the designation "Group I, Division 2" to "Group I Division 1 1"

Subp 2 **Section 1003.3.3.6.** UBC Section 1003 3 3 6, the last sentence of the second paragraph, is amended to read as follows

Ends shall be returned or shall terminate in newel posts or safety terminals

Subp 3 **Section 1005.3.3.7.** UBC Section 1005 3 3 7, Pressurized Enclosure, is amended by adding the following

The minimum design pressure difference within the enclosure shall be 0.15 inch water gage positive pressure relative to atmospheric pressure with all doors closed

Subp 4 **Section 1005.3.3.7.1.** UBC Section 1005 3 3 7 1, Vestibules, is deleted in its entirety

Subp 5 **Section 1007.5.8.** UBC Section 1007 5 8 is amended to read as follows
1007 5 8, Hardware

1 Exit doors serving an area having an occupant load of 50 or more shall not be provided with a latch or lock unless it is panic hardware

2 Patient use room doors shall be readily openable from either side without the use of keys

Exception A key or a device that functions like a key that restricts access to the room from the corridor and that is operable only by staff from the corridor side shall be permitted. Such devices shall not restrict egress from the room.

3 If approved by the building official and where the clinical needs of the patients require specialized security measures for their safety, door locking arrangements are permitted in Group I occupancies or portions of Group I occupancies provided

3 1 keys or devices that function like keys are carried by staff at all times,

3 2 in at least one egress path, not more than one such arrangement is located,

3 3 the Group I occupancy or portion of the Group I occupancy is protected by an approved automatic sprinkler system, an approved automatic smoke-detection system, and an approved fire alarm system,

3 4 locking devices automatically unlock upon activation of any of the following

(a) automatic sprinkler system,

(b) automatic smoke detection system,

(c) automatic fire alarm system, or

upon loss of electrical power,

3 5 locking devices can be remotely unlocked from an approved location within the secured area,

3 6 there is no public assembly space within the secured area,

3 7 24-hour patient supervision is provided within the secured area,

3 8 relocking of the locking devices is by manual means only at the door; and

3 9 locking devices are designed to fail in the open position

4 In Group I, Division 3 occupancies, approved locks or safety devices may be used where it is necessary to forcibly restrain the personal liberties of inmates or patients

Statutory Authority: *MS s 16B 59 to 16B 75*

History: 23 SR 683

1305.1004 [Renumbered 1305 1000, subpart 1]

1305.1009 [Renumbered 1305 1000, subs 3 and 4]

1305.1019 [Renumbered 1305 1000, subp 5]

1305.1506 SECTION 1506, ROOF DRAINAGE.

UBC Section 1506.3 is amended by replacing the last sentence as follows

Overflow drains shall be connected to drain lines independent from the roof drain lines and shall discharge above grade

Statutory Authority: *MS s 16B 59 to 16B 75*

History: 23 SR 683

1305.1614 [Renumbered 1305 1616]

1305.1616 [Renumbered 1305 1618]

1305.1616 SECTION 1616, WIND DESIGN DEFINITIONS.

UBC Section 1616 is amended by deleting the definition of "Exposure D"

Statutory Authority: *MS s 16B.59 to 16B 75*

History: 23 SR 683

1305.1618 SECTION 1618, BASIC WIND SPEED.

UBC Section 1618 is amended to read as follows:

1618 Basic wind speed. The minimum basic wind speed for determining design wind pressure is 80 miles per hour.

Statutory Authority: *MS s 16B.59 to 16B 75*

History: 23 SR 683

1305.1623 [Renumbered 1305 1625]

1305.1625 SECTION 1625, OCCUPANCY CATEGORIES.

UBC Section 1625 is deleted in its entirety

Statutory Authority: *MS s 16B.59 to 16B 75*

History: 23 SR 683

1305.1701 SECTION 1701, SPECIAL INSPECTIONS.

Subpart 1 **Section 1701.2.** UBC Section 1701.2 is amended by adding the following sentence.

When approved by the building official, the structural engineer of record or that engineer's employee may serve as a special inspector for types of work for which the engineer or employee is qualified

Subp 2 **Section 1701.5.1.** UBC Section 1701 5 1 is amended by adding an exception 5 as follows

5. When acceptable to the structural engineer of record and the building official, and subject to the requirements of Section 1701 6.2, special inspections may be performed on a periodic basis during the placing of concrete provided all reinforcing steel and prestressing steel tendons are inspected in accordance with Section 1701 5.4

Statutory Authority: *MS s 16B.59 to 16B 75*

History: 23 SR 683

1305.2320 SECTION 2320, BLOCKING.

UBC Section 2320.12 8 is amended to read as follows:

2320 12.8. Blocking. Roof rafters and ceiling joists must be supported laterally to prevent rotation and lateral displacement when required by Division III, Part I, Section 4 4 1 2.

Statutory Authority: *MS s 16B 59 to 16B 75*

History: 23 SR 683

1305.2326 [Renumbered 1305.2320]

1305.3401 SECTION 3401, EXISTING STRUCTURES.

UBC Section 3401, General, is amended by adding the following to the last paragraph:

This publication may be used as a guide to evaluate and implement the following. The provisions of Section 3403, Additions, Alterations, or Repairs, The exception to 3405, Change in Use, Alternative designs or methods of construction relating to the alteration of existing buildings

Statutory Authority: *MS s 16B 59 to 16B.75*

History: 23 SR 683

1305.4313 UBC APPENDIX CHAPTER 3, DIVISION I – DETENTION AND CORRECTIONAL FACILITIES.

UBC Section 313, Scope, is amended as follows

The provisions of this chapter apply to the design and construction of Group I, Division 3 occupancies housing mental hospitals, mental sanitariums, jails, prisons, reformatories, and buildings where personal liberties of inmates are similarly restrained

UBC Section 315, Definitions, is amended by adding the following definitions.

“Cell, multiple-occupancy” is a housing area in a detention or correctional facility designed to house no less than three or more than 48 inmates

“Smoke management system” is an engineered combined system that utilizes a mechanical smoke-control system and mechanical smoke exhaust system For definitions of mechanical smoke-control system and mechanical smoke exhaust system, see UBC Section 903

UBC Section 317, Compartmentation, is amended by amending the first paragraph to read as follows

Every story having an occupant load of more than five inmates in a detention or correctional facility shall be divided into not less than two approximately equal compartments by a smoke barrier, constructed pursuant to the provisions of part 1305 0308, subpart 2 In addition, multiterred cell complexes shall be separated from each other and the remaining portions of the facility by a smoke barrier Vision panels shall not be required within exit doors at zone boundaries as stated in part 1305 0308, subpart 2, item E

UBC Section 318, Occupancy Separations, is amended by adding exception 2 to read as follows.

2 Regardless of the provisions of Table 3–B, a three-hour fire-resistive occupancy separation as set forth in Section 302 3, may be used between a Group I, Division 3 occupancy and vocational shops and similar uses containing hazardous materials, normally otherwise classified as Group H, Divisions 2 through 7 occupancies

UBC Section 319, Glazing, is amended to read as follows

In restraint areas of fully sprinklered detention and correctional facilities, the area of glazing in one-hour corridor walls is not restricted, provided:

1 All glazing is approved one-fourth inch thick (6.4 mm) wired glass or other approved fire-tested glazing material set in steel frames

Exception Laminated security glazing may be used provided the glass shall be protected on both sides by a sprinkler system equipped with listed quick response sprinklers The sprinkler system shall completely wet the entire surface of the glass wall when actuated.

2 In lieu of the sizes set forth in Section 1004 3 4.3.2, the size and area of wired glass assemblies shall conform to Sections 713 7 and 713 8 Other glazing material shall not exceed the sizes and areas specified in the fire test When necessary to maintain direct visual supervision by facility staff, laminated security type glazing may be used in fire-resistive wall and door assemblies up to a two-hour fire protection rating provided:

2 1 The fire-resistive wall or door assembly is not part of a required area separation wall, stairway, ramp, or escalator enclosure

2 2 The glass shall be protected on both sides by a sprinkler system equipped with listed quick response sprinklers The sprinkler system shall completely wet the entire surface of the glass wall when actuated

2 3 The area of the glazing shall not exceed 25 percent of the common wall of the area requiring supervision

2 4 The area of glazing in fire-resistive door assemblies shall be limited to 1,296 square inches per light.

UBC Section 321, Automatic Sprinkler and Standpipe Systems, is amended by amending the first paragraph as follows

321 1 General Every building or portion of a building housing a detention or correctional facility or similar occupancy shall be protected by an automatic sprinkler system conforming to the provisions of UBC Standard 9–1 The main sprinkler control valve or valves

MINNESOTA RULES 1998

13

AMENDMENTS TO THE UNIFORM BUILDING CODE 1305.4332

or all other control valves in the system shall be electrically supervised so that at least a local alarm will sound at a constantly attended location when valves are closed

UBC Section 323 1, Smoke Management System, is amended to read as follows

323 1 Smoke management system A mechanically operated smoke management system or systems shall be provided in every multitiered cell complex within a detention or correctional facility For other than multitiered cell complexes, see Sections 323.9 and 323 10

UBC Section 323 2, Design and Installation, is amended by adding the following exception

Exception A smoke management system or systems may be designed in accordance with the provisions of Section 905 for mechanical smoke control and mechanical smoke exhaust systems.

UBC Section 323 4, Manual Controls, is amended to read as follows

323 4 Manual controls. A firefighter's control panel shall be provided in accordance with Sections 905 13 and 905 14

UBC Section 323, Smoke Management, is amended by adding the following:

323 9 Smoke exhaust system A mechanical smoke exhaust system as defined in Section 903 shall be provided in each smoke compartment of every detention or correctional facility.

Exception Buildings or portions of buildings provided with an approved smoke management system

323 10 Design and Installation of Smoke Exhaust System

1 Mechanical air-handling equipment may be designed to accomplish smoke removal Under fire conditions, the return and exhaust air, in zones where smoke is detected, shall be moved directly to the outside without recirculation to other sections of the building The air handling system shall provide a minimum of six exhaust air changes per hour for the area involved

2 Any other approved design which will produce equivalent results

UBC Section 324 1, Number of Means of Egress, is amended to read as follows

324 1 Number of means of egress. Multiple-occupancy rooms and day rooms in buildings or portions of buildings in detention or correctional facilities constructed of not less than one-hour fire-resistive construction shall be provided with a minimum of two means of egress when the occupant load is more than ten

The occupant load of any restraint area shall be determined by Table 10-A and classified as to the occupancy group it most nearly resembles, and means of egress shall be provided as required by Section 1003 1 A minimum of two means of egress shall be provided in all areas of restraint (cells, day rooms, cell tiers, and cell complexes) within a detention or correctional facility when the occupant load is more than ten.

UBC Section 324.5, Dead-end Balconies, is amended to read as follows

324 5 Dead-end balconies Exit-access balconies serving cell tiers shall not extend more than 20 feet beyond an exit stairway

Note For number of means of egress, see Section 1004 2.3

UBC Section 324 6, Electrically Operable Doors, is amended by deleting the last sentence

Statutory Authority: *MS s 16B 59 to 16B 75*

History: *23 SR 683*

1305.4332 UBC APPENDIX CHAPTER 3, DIVISION III, ONE- AND TWO-FAMILY DWELLING CODE ADOPTED.

UBC Appendix Chapter 3, Division III, Section 332, is amended by substituting the 1995 edition with the 1992 edition and adding an exception to read as follows

Exception

1. For energy requirements, see Minnesota Rules, chapter 7670

2 For plumbing code requirements, see Minnesota Rules, chapter 4715

3 For electrical requirements, see Minnesota Rules, chapter 1315.

4 For mechanical code requirements, see Minnesota Rules, chapter 1346

5 For snow load requirements, see Minnesota Rules, chapter 1305

6. For frost depth requirements, see Minnesota Rules, chapter 1300

7 For ice dam roof treatment, see Minnesota Rules, chapter 1300.

8 For guardrail opening dimension, see UBC Section 509 3

9 Smoke detectors shall be installed in each sleeping room as required in UBC Section 310 9 1 4

10 For a new exception to the second paragraph of R-215 1, smoke detectors required, see Minnesota Rules, part 1305 0310

11 For emergency egress or rescue windows having a finished sill height below the adjacent ground elevation, a window well shall be installed as specified in UBC Section 310 4

12 All references to design values for joists, rafters, and those in Header Tables R-402 6a and R-402 6b are deleted and replaced with UBC Tables 23-IV-V-1 and 23-IV-V-2.

Statutory Authority: *MS s 16B 59 to 16B.75*

History: *23 SR 683*

1305.4415 UBC APPENDIX CHAPTER 15, REROOFING.

Subpart 1. **Chapter 15.** UBC Appendix Chapter 15 is amended by deleting the first paragraph of section 1515 1, 1515 2.1, and the subheading under the title of Table A-15-A

Subp 2 **Section 1520.** UBC Appendix Section 1520 is amended by deleting all but the first sentence.

Statutory Authority: *MS s 16B.59 to 16B.75*

History: *23 SR 683*

1305.4416 UBC APPENDIX CHAPTER 16, DIVISION I, SNOW LOAD DESIGN.

UBC Appendix Section 1637 1 is amended by adding an exception to read as follows

Exception. The minimum roof snow loads established herein for R-3 and U occupancies are not subject to decrease or increase as specified in this chapter

UBC Appendix Section 1638 is amended by changing the reference in notation W_b, 500 feet, to 200 feet.

UBC Appendix Section 1639 is amended to read as follows

The ground snow load, P_g, to be used in the determination of design snow loads for buildings and other structures shall be 57 pounds per square foot in the following counties. Anoka, Carlton, Carver, Chisago, Cook, Dakota, Hennepin, Isanti, Lake, Pine, Ramsey, St. Louis, Scott, and Washington. The ground snow load, P_g, to be used in the determination of design snow loads for buildings and other structures shall be 43 pounds per square foot in all other counties

Exceptions

1 A minimum roof snow load of 40 pounds per square foot of horizontal projection shall be acceptable for R-3 occupancies in the counties of Anoka, Carlton, Carver, Chisago, Cook, Dakota, Hennepin, Isanti, Lake, Pine, Ramsey, St. Louis, Scott, and Washington A minimum roof snow load of 30 pounds per square foot of horizontal projection shall be acceptable for R-3 occupancies in all counties

2 A minimum roof snow load of 30 pounds per square foot of horizontal projection shall be acceptable for detached Group U occupancies in all counties

UBC Appendix Section 1645 is deleted in its entirety.

UBC Table A-16-A, Snow Exposure Coefficient (C_e), is deleted and replaced with the following

The snow exposure coefficient (C_e) for all of Minnesota is established as 0 7

UBC Table A-16-B, Values for Occupancy Importance Factor (I) is deleted, and replaced with the following

MINNESOTA RULES 1998

15

AMENDMENTS TO THE UNIFORM BUILDING CODE 1305.4429

The occupancy importance factor (I) for all of Minnesota is established as 1.0.

Statutory Authority: *MS s 16B.59 to 16B 75*

History: *23 SR 683*

1305.4429 UBC APPENDIX CHAPTER 29, MINIMUM PLUMBING FIXTURES.

UBC Appendix Section 2905 is amended by adding the following

Exceptions

1 Where circumstances dictate that a different ratio is needed, an adjustment may be approved by the building official

2 The actual number of students can be used in lieu of the 50 square feet per occupant specified in Group E, Division 1 occupancy areas. For assembly occupancies in conjunction with a Group E, Division 1 occupancy, refer to Group A of Table A-29-A

Sanitation facilities required by this chapter may have controlled access but in all cases shall be maintained available during the time of building occupancy for those occupants e.g., clientele, employees, customers, etc., determined in accordance with Table A-29-A

Statutory Authority: *MS s 16B 59 to 16B 75*

History: *23 SR 683*