

1.1 **Department of Labor and Industry**

1.2 **Proposed Permanent Rules Relating to State Building Code Administration**

1.3 **1300.0010 ADMINISTRATION.**

1.4 Subpart 1. Scope. This chapter provides administrative provisions for all Minnesota
1.5 State Building Code rule chapters identified in part 1300.0050. If specific administrative
1.6 provisions are provided in a statute or rule chapter, the specific administrative provisions
1.7 apply.

1.8 Subp. 2. Minnesota Electrical Act. Chapter 1315 shall be administered according
1.9 to chapter ~~3800~~, 3801 and the Minnesota Electrical Act, Minnesota Statutes, sections
1.10 326B.31 to ~~326B.39~~ 326B.399. Provisions of this chapter that do not conflict with the
1.11 Minnesota Electrical Act also apply.

1.12 Subp. 3. Minnesota Plumbing Code. Chapter 4715, the Minnesota Plumbing Code,
1.13 and applicable provisions of this chapter shall be administered and enforced statewide by
1.14 the commissioner under Minnesota Statutes, section 326B.106, subdivision 3, unless an
1.15 agreement exists between the commissioner and a municipality to enforce the Minnesota
1.16 Plumbing Code under Minnesota Statutes, section 326B.43, subdivision 2.

1.17 **1300.0030 PURPOSE AND APPLICATION.**

1.18 [For text of subp 1, see M.R.]

1.19 **Subp. 2. Application.**

1.20 A. The State Building Code is the standard that applies statewide for the
1.21 construction, reconstruction, alteration, and repair of buildings and other structures of the
1.22 type governed by the code, except as provided in Minnesota Statutes, sections ~~326B.112;~~
1.23 section 326B.121; ~~326B.16;~~ and ~~326B.184,~~ and. The State Building Code supersedes the
1.24 building code of any municipality. The State Building Code does not apply to agricultural
1.25 buildings except with respect to state inspections required or rulemaking authorized by

2.1 Minnesota Statutes, sections 103F.141, ~~subdivision 8,~~ and 326B.36, and 326B.121,
2.2 subdivision 1, paragraph (c), clause (2).

2.3 [For text of items B and C, see M.R.]

2.4 **1300.0040 SCOPE.**

2.5 Subpart 1. **Applicability.** The code applies to the design, construction, addition,
2.6 alteration, moving, replacement, demolition, repair, and equipment, installation, use and
2.7 occupancy, location, maintenance, and inspection of any building, structure, or building
2.8 service equipment in a municipality, except work located primarily in a public way, public
2.9 utility towers and poles, mechanical equipment not specifically regulated in the code, and
2.10 hydraulic flood control structures.

2.11 **Exception:** When approved by the building official, buildings, structures, or portions
2.12 thereof, used exclusively by military personnel, police, fire, or first responders for
2.13 training purposes may be designed to reflect actual conditions that may be encountered
2.14 in field operations, maneuvers, or tactics, however, structural provisions must apply.

2.15 Subp. 2. **Compliance.** Structures classified under part 1300.0070, subpart ~~12a~~ 12b,
2.16 as IRC-1, IRC-2, IRC-3, and IRC-4 occupancies not more than three stories above grade
2.17 plane in height with a separate means of egress shall comply with chapter 1309 and other
2.18 applicable rules. Other buildings and structures and appurtenances connected or attached
2.19 to them shall comply with chapter 1305 and other applicable rules.

2.20 **Exception:** The following structures that meet the scope of chapter 1305 shall be
2.21 permitted to be designed to comply with Minnesota Rules, chapter 1311:

- 2.22 (1) existing buildings undergoing repair, alteration, ~~or~~ change of occupancy, addition,
2.23 or being moved; and
2.24 (2) historic buildings.

3.1 If different provisions of the code specify different materials, methods of construction,
 3.2 or other requirements, the most restrictive provision governs. If there is a conflict between
 3.3 a general requirement and a specific requirement, the specific requirement applies.

3.4 If reference is made in the code to an appendix, the provisions in the appendix do
 3.5 not apply unless specifically adopted by the code. Optional appendix chapters of the
 3.6 code identified in part 1300.0060 do not apply unless a municipality has specifically
 3.7 adopted them.

3.8 **1300.0050 CHAPTERS OF MINNESOTA STATE BUILDING CODE.**

3.9 The Minnesota State Building Code adopted under Minnesota Statutes, section
 3.10 326B.106, subdivision 1, includes the following chapters:

3.11 [For text of items A to D, see M.R.]

3.12 E. ~~1305, Adoption of the International Building Code~~ Minnesota Building Code;

3.13 [For text of items F and G, see M.R.]

3.14 H. ~~1309, Adoption of the International Residential Code~~ Minnesota Residential
 3.15 Code;

3.16 [For text of item I, see M.R.]

3.17 J. ~~1315, Adoption of the National Electrical Code~~ Minnesota Electrical Code;

3.18 [For text of item K, see M.R.]

3.19 ~~L. 1330, Fallout Shelters;~~

3.20 ~~M~~ L. 1335, Floodproofing Regulations;

3.21 ~~N~~ M. 1341, Minnesota Accessibility Code;

3.22 ~~O~~ N. 1346, Minnesota Mechanical Code;

3.23 ~~P~~ O. 1350, Manufactured Homes;

3.24 ~~Q~~ P. 1360, Prefabricated Structures;

- 4.1 ~~R~~ Q. 1361, Industrialized/Modular Buildings;
- 4.2 ~~S~~ R. 1370, Storm Shelters (Manufactured Home Parks);
- 4.3 ~~F~~ S. 4715, Minnesota Plumbing Code; and
- 4.4 ~~U~~ T. ~~7670, 7672, 7674, 7676, and 7678, 1322 and 1323, Minnesota Energy~~
- 4.5 ~~Code. Codes; and~~
- 4.6 U. 5230, Minnesota High Pressure Piping Systems.

4.7 **1300.0060 OPTIONAL ADMINISTRATION.**

4.8 The following chapters of the code are not mandatory but may be adopted without

4.9 change by a municipality which has adopted the code:

- 4.10 A. chapter 1306, Special Fire Protection Systems; and
- 4.11 B. grading, IBC appendix chapter J; and
- 4.12 C. ~~chapter 1335, Floodproofing Regulations, parts 1335.0600 to 1335.1200.~~

4.13 **1300.0070 DEFINITIONS.**

4.14 [For text of subps 1 to 4, see M.R.]

4.15 Subp. 4a. **Approved.** "Approved" means approval by the building official, pursuant

4.16 to the Minnesota State Building Code, by reason of:

- 4.17 A. inspection, investigation, or testing;
- 4.18 B. accepted principles;
- 4.19 C. computer simulations;
- 4.20 D. research reports; or
- 4.21 E. testing performed by either a licensed engineer or by a locally or nationally
- 4.22 recognized testing laboratory.

4.23 [For text of subps 5 to 7, see M.R.]

5.1 Subp. 8. **Code.** For the purposes of chapter 1300, "code" means the Minnesota State
5.2 Building Code adopted under Minnesota Statutes, section 326B.106, subdivision 1, and
5.3 includes the chapters identified in part 1300.0020.

5.4 [For text of subps 9 to 12, see M.R.]

5.5 Subp. 12a. **Historical building.** "Historical building" means any building or structure
5.6 that is listed in the National Register of Historic Places, designated as a historic property
5.7 under local or state designation law; certified as a contributing resource within a National
5.8 Register listed or locally designated historic district; or with an opinion or certification
5.9 that the property is eligible to be listed on the National or State Register of Historic Places
5.10 either individually or as a contributing building to a historic district by the State Historic
5.11 Preservation Officer or the Keeper of the National Register of Historic Places.

5.12 Subp. ~~12a~~ 12b. **International residential code (IRC) occupancy classifications.**
5.13 International residential code (IRC) occupancy classifications are as follows:

5.14 IRC-1 single-family dwellings;

5.15 IRC-2 two-family dwellings;

5.16 IRC-3 townhouses; and

5.17 IRC-4 accessory structures:

5.18 A. garages;

5.19 B. storage sheds; and

5.20 C. similar structures.

5.21 [For text of subps 13 to 24, see M.R.]

5.22 Subp. 25. **State licensed facilities.** "State licensed facilities" means, pursuant to
5.23 Minnesota Statutes, section 326B.103, subdivision 13, a building and its grounds that are
5.24 licensed by the state as a hospital, nursing home, supervised living facility, free-standing

6.1 outpatient surgical center, ~~or~~ correctional facility, boarding care home, or residential
6.2 hospice.

6.3 [For text of subp 26, see M.R.]

6.4 **1300.0110 DUTIES AND POWERS OF BUILDING OFFICIAL.**

6.5 Subpart 1. **General.** The building official ~~shall enforce the code~~ is authorized and
6.6 directed to enforce the provisions of this code. The building official ~~may~~ has the authority
6.7 to render interpretations of the code and adopt policies and procedures in order to clarify its
6.8 the application of the provisions. The interpretations, policies, and procedures shall ~~be in~~
6.9 ~~conformance~~ comply with the intent and purpose of the code. The policies and procedures
6.10 shall not have the effect of waiving requirements specifically provided for in the code.

6.11 [For text of subp 2, see M.R.]

6.12 Subp. 3. **Applications and permits.** The building official shall receive applications,
6.13 review construction documents, and issue permits for the erection, alteration, demolition,
6.14 moving, and repair of buildings and structures, including all other equipment and systems
6.15 regulated by the code. ~~The building official shall inspect the premises for which the permits~~
6.16 ~~have been issued and enforce compliance with the code.~~ When requested by a permit
6.17 applicant, the building official shall meet with the permit applicant prior to the application
6.18 for a construction permit to discuss plans for the proposed work. The meeting shall be
6.19 held at a mutually agreeable location. Municipalities may establish a fee for this service.

6.20 [For text of subp 4, see M.R.]

6.21 Subp. 5. **Inspections.** The building official shall make all of the required inspections
6.22 or accept reports of inspection by approved agencies or individuals. Results of inspections
6.23 shall be documented on the job site inspection card and in the official records of the
6.24 municipality, including type of inspection, date of inspection, identification of the
6.25 responsible individual making the inspection, and comments regarding approval or

7.1 disapproval of the inspection. ~~The building official may engage expert opinion necessary to~~
7.2 ~~report upon unusual technical issues that arise.~~ The building official is authorized to engage
7.3 an expert opinion as deemed necessary to report on any unusual technical issues that arise.

7.4 [For text of subps 6 and 7, see M.R.]

7.5 Subp. 8. **Department records.** The building official shall be responsible for official
7.6 records of the local Department of Building Safety for permit applications received, plans,
7.7 specifications, surveys, plot plans, plan reviews, permits and certificates issued, reports of
7.8 inspections, and notices and orders issued by the department. The records shall be ~~retained~~
7.9 ~~for the period required for the retention of public records under Minnesota Statutes, section~~
7.10 ~~138.17. Department records shall be maintained by the municipality and readily available~~
7.11 ~~for review according to Minnesota Statutes, section 13.37.~~ kept according to the records
7.12 management schedule of the municipality required by Minnesota Statutes, section 138.17.

7.13 Subp. 9. **Liability.** The building official, member of the Board of Appeals, or
7.14 employee charged with the enforcement of the code, while acting for the jurisdiction
7.15 in good faith and without malice in the discharge of the duties required by the code
7.16 or other pertinent laws or ordinances, is not rendered personally liable and is relieved
7.17 from personal liability for any damage accruing to persons or property as a result of
7.18 any act or by reason of an act or omission in the discharge of official duties. Any suit
7.19 instituted against an officer or employee because of an act performed by that officer or
7.20 employee in the lawful discharge of duties and under the code shall be defended by the
7.21 legal representative of the jurisdiction until the final termination of the proceedings. The
7.22 building official ~~or any subordinate,~~ member of the Board of Appeals, or an employee
7.23 charged with the enforcement of the code, is not liable for ~~cost~~ costs in any action, suit, or
7.24 proceeding that is instituted in pursuance of the provisions of this code.

7.25 [For text of subps 10 to 15, see M.R.]

8.1 **1300.0120 PERMITS.**8.2 [For text of subps 1 to 3, see M.R.]

8.3 Subp. 4. **Work exempt from permit.** Exemptions from permit requirements of the
 8.4 code do not authorize work to be done in any manner in violation of the code or any other
 8.5 laws or ordinances of this jurisdiction. Permits shall not be required for the following:

8.6 A. Building:

8.7 (1) one-story detached accessory structures, used as tool and storage sheds,
 8.8 playhouses, and similar uses, provided the floor area does not exceed ~~120~~ 200 square
 8.9 feet (~~11,15~~ 60,960 mm²);

8.10 (2) fences not over ~~six~~ seven feet (~~1,829~~ 2,134 mm) high;

8.11 [For text of subitems (3) to (11), see M.R.]

8.12 (12) movable cases, counters, and partitions not over five feet, nine inches
 8.13 (1,753 mm) in height; and

8.14 ~~(13) agricultural buildings as defined in Minnesota Statutes, section~~
 8.15 ~~326B.103, subdivision 3; and~~

8.16 ~~(14)~~ (13) swings and other playground equipment.

8.17 Unless otherwise exempted, plumbing, electrical, and mechanical permits are
 8.18 required for subitems (1) to ~~(14)~~ (13).

8.19 [For text of items B and C, see M.R.]8.20 ~~D. Plumbing: See chapter 4715 for plumbing work that is exempt from a permit.~~

8.21 ~~E D. Electrical: an electrical permit is not required if work is inspected by the~~
 8.22 ~~State Board of Electricity or is exempt from inspection under Minnesota Statutes, section~~
 8.23 ~~326B.36. Obtaining a permit from the Board of Electricity does not exempt the work from~~
 8.24 ~~other Minnesota State Building Code requirements relating to electrical equipment, its~~

9.1 ~~location, or its performance.~~ a municipality must not require an electrical permit if the work
9.2 falls under the jurisdiction of the commissioner or if the work is exempt from inspection
9.3 under Minnesota Statutes, section 326B.36, subdivision 7. This exemption does not exempt
9.4 the work from other State Building Code requirements relating to electrical equipment.

9.5 [For text of subp 5, see M.R.]

9.6 Subp. 6. **Repairs.** Application or notice to the building official is not required for
9.7 ordinary repairs to structures. The repairs shall not include the ~~cutting away~~ opening or
9.8 removal of any wall, partition, or portion of a wall or partition, the removal or cutting of
9.9 any structural beam or load bearing support, or the removal or change of any required
9.10 means of egress, or rearrangement of parts of a structure affecting the egress requirements;
9.11 nor shall ordinary repairs include addition to, alteration of, replacement, or relocation of
9.12 any standpipe, water supply, sewer, drainage, drain leader, gas, soil, waste, vent or similar
9.13 piping, electric wiring, or mechanical or other work affecting public health or general safety.

9.14 [For text of subps 7 to 9, see M.R.]

9.15 Subp. 10. **Validity of permit.** The issuance or granting of a permit or approval of
9.16 plans, specifications, and computations, shall not be construed to be a permit for any
9.17 violation of the code or of any other ordinance of the jurisdiction. Permits presuming to
9.18 give authority to violate or cancel the provisions of the code or other ordinances of the
9.19 jurisdiction are not valid. ~~The issuance of a permit based on construction documents and~~
9.20 ~~other data shall not prevent the building official from requiring the correction of errors~~
9.21 ~~in the construction documents and other data. The building official may also prevent~~
9.22 ~~occupancy or use of a structure that violates the code or any other ordinance of this~~
9.23 ~~jurisdiction.~~ Any permit issued becomes invalid if the work authorized by the permit is
9.24 suspended or abandoned for more than 180 days. The 180 days commences the first
9.25 day the work was suspended or abandoned.

10.1 Subp. 11. **Expiration.** Every permit issued ~~shall become invalid~~ expires unless the
10.2 work authorized by the permit is commenced within 180 days after its issuance, ~~or if the~~
10.3 ~~work authorized by the permit is suspended or abandoned for a period of 180 days after~~
10.4 ~~the time the work is commenced.~~ The building official ~~may~~ shall grant, in writing, ~~one or~~
10.5 ~~more~~ extensions of time, for periods not more than 180 days each. ~~The extension shall~~
10.6 ~~be requested in writing and~~ if the applicant demonstrates justifiable cause demonstrated
10.7 for the extension to the building official.

10.8 [For text of subp 12, see M.R.]

10.9 Subp. 13. **Information and placement of permit.** The building permit or a copy
10.10 shall be kept on the site of the work until the completion of the project. Pursuant to
10.11 Minnesota Statutes, section 15.41, the permit shall specify the name and address of the
10.12 applicant, and the general contractor, if one exists. All construction permits shall be posted
10.13 in a conspicuous and accessible place at the premises or site of construction.

10.14 Subp. 14. **Responsibility.** Every person who performs work for the installation or
10.15 repair of building, structure, electrical, gas, mechanical, or plumbing systems, for which
10.16 the code is applicable, shall comply with the code. The person, firm, or organization
10.17 securing the permit is responsible for code compliance for the work being performed.

10.18 **1300.0130 CONSTRUCTION DOCUMENTS.**

10.19 [For text of subps 1 to 5, see M.R.]

10.20 Subp. 6. **Approval of construction documents.**

10.21 A. If the building official issues a permit, the construction documents shall be
10.22 approved in writing or by a stamp, stating "Reviewed for Code Compliance," dated, and
10.23 signed by the building official or an authorized representative. One set of the construction
10.24 documents that were reviewed shall be retained by the building official. The other set shall

11.1 be returned to the applicant, kept at the site of the work, and open to inspection by the
 11.2 building official or an authorized representative.

11.3 B. Any code deficiencies identified by the building official during the plan
 11.4 review process for construction documents that are prepared by a design professional who
 11.5 is licensed or certified under Minnesota Statutes, sections 326.02 to 326.15, must be
 11.6 itemized by the building official through a comprehensive plan review letter only. Any
 11.7 code deficiencies identified by the building official during the plan review process for
 11.8 construction documents that are not prepared by a licensed or certified design professional
 11.9 may be marked directly on the document or itemized by the building official through
 11.10 a comprehensive plan review letter. The issuance of a permit based on construction
 11.11 documents and other data does not prevent the building official from requiring the
 11.12 correction of errors in the construction documents and other data. All sets of required
 11.13 construction documents, including the site copy, municipality copy, or inspector copy,
 11.14 must be marked identically by the building official, with one copy retained by the building
 11.15 official after construction is completed. Work regulated by the code must be installed
 11.16 according to the reviewed construction documents. Work that does not comply with
 11.17 approved construction documents must not proceed until the applicant submits changes
 11.18 that are approved by the building official.

11.19 [For text of subps 7 to 9, see M.R.]

11.20 **1300.0160 FEES.**

11.21 [For text of subps 1 to 3, see M.R.]

11.22 Subp. 4. **Building permit fees.** Building permit fees shall be based on valuation.

11.23 **Exceptions:**

11.24 A. one- and two-family dwelling maintenance permits for roofing, siding, windows,
 11.25 doors, or other minor projects may be charged a fixed fee; and

12.1 B. permits for plumbing, mechanical, electrical, or other building service equipment
12.2 systems may be based on valuation or charged a fixed fee; ~~and.~~

12.3 ~~C. replacement of a residential fixture or appliance cannot exceed the permit fee~~
12.4 ~~limitation established by Minnesota Statutes, section 16B.665.~~

12.5 [For text of subp 5, see M.R.]

12.6 **Subp. 6. Plan review of similar plans.**

12.7 A. Any number of similar buildings may be built from a master plan if:

12.8 (1) plan review fees have been paid for the master plan;

12.9 (2) a code change has not occurred that impacts the design of a master plan;

12.10 (3) the similar building has the same physical dimensions and structural
12.11 design as the master plan;

12.12 **Exception:** The following modifications to the master plan are not considered to
12.13 be significant modifications, according to Minnesota Statutes, section 326B.106,
12.14 subdivision 1, and are permitted for dwelling units and their accessory structures
12.15 built to the International Residential Code, and residential occupancies built to the
12.16 International Building Code that are three stories or less in height and their accessory
12.17 structures:

12.18 (a) ~~foundation types to include~~ configurations of walkout, lookout, and full basement
12.19 basements;

12.20 (b) alternate foundation materials to include poured concrete, masonry units, and
12.21 wood approved by the building official;

12.22 (c) ~~garage dimensions;~~

12.23 (d) ~~(c)~~ roof design changed by a revised truss plan approved by the building official;

12.24 and

12.25 (e) ~~bays or cantilevered floor areas;~~

12.26 (f) ~~decks and porches; and~~

13.1 ~~(g)~~ (d) other modifications approved by the building official;

13.2 [For text of subitems (4) and (5), see M.R.]

13.3 [For text of items B to D, see M.R.]

13.4 [For text of subp 7, see M.R.]

13.5 Subp. 8. **Work commencing before permit issuance.** If work for which a permit
 13.6 is required by the code has been commenced without first obtaining a permit, a special
 13.7 investigation shall be made before a permit may be issued for the work. An investigation
 13.8 fee established by the municipality shall be collected whether or not a permit is issued and
 13.9 is in addition to the required permit fees, but it may not exceed the permit fee.

13.10 [For text of subp 9, see M.R.]

13.11 Subp. 10. **State surcharge fees.** All municipal permits issued for work under the
 13.12 code are subject to a surcharge fee. The fees are established by Minnesota Statutes, section
 13.13 326B.148. Reports and remittances by municipalities must be filed with the commissioner;
 13.14 ~~directed to the attention of the state building official.~~

13.15 Surcharge fees imposed by the state are in addition to municipal permit fees.
 13.16 Surcharge report forms and information may be obtained by writing the commissioner, ~~to~~
 13.17 ~~the attention of the state building official.~~

13.18 **1300.0170 STOP WORK ORDER.**

13.19 If the building official finds any work regulated by the code being performed in
 13.20 a manner contrary to the provisions of the code or in a dangerous or unsafe manner, the
 13.21 building official ~~may~~ is authorized to issue a stop work order or a notice or order pursuant
 13.22 to part 1300.0110, subpart 4.

13.23 The stop work order shall be in writing and issued to the owner of the property
 13.24 involved, to the owner's agent, or to the person doing the work. Upon issuance of a stop
 13.25 work order, the cited work shall immediately cease. A person who continues work after

14.1 having been served with a stop work order, except for work that the person is directed to
14.2 perform to remove a violation or unsafe condition, is subject to penalties as prescribed
14.3 by law. The stop work order shall state the reason for the order and the conditions under
14.4 which the cited work will be permitted to resume.

14.5 **1300.0180 UNSAFE BUILDINGS OR STRUCTURES.**

14.6 A building or structure regulated by the code is unsafe, for purposes of this part, if
14.7 it is structurally unsafe, not provided with adequate egress, a fire hazard, or otherwise
14.8 dangerous to human life.

14.9 Building service equipment that is regulated by the code is unsafe, for purposes of
14.10 this part, if it is a fire, electrical, or health hazard; an unsanitary condition; or otherwise
14.11 dangerous to human life. Use of a building, structure, or building service equipment
14.12 constituting a hazard to safety, health, or public welfare by reason of inadequate
14.13 maintenance, dilapidation, obsolescence, fire hazard, disaster, damage, or abandonment is,
14.14 for the purposes of this part, an unsafe use. Parapet walls, cornices, spires, towers, tanks,
14.15 statuary, and other appendages or structural members that are supported by, attached to, or
14.16 a part of a building and that are in deteriorated condition or otherwise unable to sustain the
14.17 design loads that are specified in the code are unsafe building appendages.

14.18 The building official ~~may~~ shall order any building or portion of a building to be
14.19 vacated if continued use is dangerous to life, health, or safety of the occupants. The
14.20 building official shall have the authority to order disconnection of utility services to the
14.21 building, structure, or system, regulated by the code, in case of an emergency to eliminate a
14.22 hazard to life or property. The order shall be in writing and state the reasons for the action.

14.23 All unsafe buildings, structures, or appendages are public nuisances and must be
14.24 abated by repair, rehabilitation, demolition, or removal according to Minnesota Statutes,
14.25 sections 463.15 to 463.26.

15.1 **1300.0190 TEMPORARY STRUCTURES AND USES.**

15.2 Subpart 1. **General.** The building official may issue a permit for temporary structures
15.3 and temporary uses. ~~The permit shall be limited as to time of service, but shall not~~
15.4 ~~be permitted for more than 180 days. The building official may grant extensions for~~
15.5 ~~demonstrated cause.~~

15.6 [For text of subps 2 and 3, see M.R.]

15.7 **1300.0210 INSPECTIONS.**

15.8 [For text of subps 1 to 5, see M.R.]

15.9 Subp. 6. **Required inspections.** The building official, upon notification, shall make
15.10 the inspections in this part. In addition to the inspections identified in this subpart, see
15.11 applicable rule chapters in part 1300.0050 for specific inspection and testing requirements.

15.12 [For text of items A to C, see M.R.]

15.13 D. ~~Rough-in inspection~~ inspections of plumbing, mechanical, gas, sprinklers,
15.14 alarms, and electrical systems shall be made before covering or concealment, before
15.15 fixtures or appliances are set or installed, and before framing inspection.

15.16 [For text of items E to G, see M.R.]

15.17 H. Protection of joints and penetrations in fire-resistance-rated or
15.18 smoke-resistance-rated assemblies shall not be concealed from view until inspected and
15.19 approved.

15.20 [For text of items I to M, see M.R.]

15.21 [For text of subp 7, see M.R.]

15.22 **1300.0215 PLUMBING INSPECTIONS.**

15.23 Subpart 1. **Inspections, testing, and permits.** ~~New plumbing systems and parts~~
15.24 ~~of existing systems which have been altered, extended, or repaired shall be inspected~~

16.1 ~~and tested by the proper administrative authority to ensure compliance with all the~~
16.2 ~~requirements of this code and the installation and construction of the system in accordance~~
16.3 ~~with the approved plan and the permit, except that testing may be waived for work which~~
16.4 ~~does not include addition to, replacement, alteration, or relocation of any water supply,~~
16.5 ~~drainage, or vent piping.~~

16.6 ~~All the piping shall be tested and after the plumbing fixtures have been set, and before~~
16.7 ~~the system is put into use, the system shall be given a final inspection and test by the~~
16.8 ~~proper administrative authority.~~

16.9 ~~The equipment, material, power, and labor necessary for the inspection must be~~
16.10 ~~furnished by the plumbing contractor.~~

16.11 A. For purposes of this part, "administrative authority" is defined in part
16.12 4715.0010, subpart 2.

16.13 B. Except as provided in item C, new plumbing systems or parts of existing
16.14 plumbing systems that have been altered, extended, or repaired shall be tested and
16.15 approved by the administrative authority before the plumbing system is put into use.
16.16 The administrative authority shall perform the final inspection and witness the test. The
16.17 administrative authority shall approve the plumbing system if the system complies with
16.18 the requirements of this code, any permit requirements, and the requirements of any plan
16.19 approved pursuant to subpart 6. Plumbing system tests shall comply with part 4715.2820.

16.20 C. Unless the plumbing work poses an unsanitary or hazardous condition,
16.21 the administrative authority is authorized to waive the permit, inspection, and testing
16.22 requirements for the following plumbing work performed in one- and two-family dwellings:

16.23 (1) the reconnection of an existing water supply line to a replacement
16.24 appliance that does not involve the replacement or alteration of the existing water supply
16.25 line;

18.1 Except as approved in chapter 4715, there shall be no physical connection between
18.2 water supply systems that are safe for domestic use and those that are unsafe for domestic
18.3 use. There shall be no apparatus through which unsafe water may be discharged or drawn
18.4 into a safe water supply system.

18.5 **1300.0220 CERTIFICATE OF OCCUPANCY.**

18.6 [For text of subp 1, see M.R.]

18.7 Subp. 2. **Existing structures.** The legal occupancy of any structure existing on
18.8 the date of adoption of the code shall be permitted to continue without change except
18.9 ~~as specifically required in chapter 1311.~~

18.10 Subp. 3. **Change in use.** Changes in the character or use of an existing structure shall
18.11 ~~not be made except as specified in chapter 1311~~ must comply with chapter 1305 or 1311.

18.12 Subp. 4. **Moved buildings.** Buildings or structures moved into or within a
18.13 jurisdiction shall comply with the provisions of the code for new buildings or structures.

18.14 **Exception:**

18.15 A. buildings designed to comply with chapter 1311; or

18.16 B. a residential building relocated within or into a municipality need not comply with
18.17 the Minnesota Energy Code or Minnesota Statutes, section 326B.439.

18.18 [For text of subps 5 to 7, see M.R.]

18.19 **1300.0225 MAINTENANCE.**

18.20 All buildings and structures, both existing and new, and all parts of the buildings or
18.21 structures, shall be maintained in a safe and sanitary condition. All devices or safeguards
18.22 required by this code shall be maintained in conformance with the code editions under
18.23 which the devices or safeguards are installed. The owner or the owner's designated agent
18.24 shall be responsible for the maintenance of buildings and structures. A building official

19.1 is authorized to require reinspection of a building or structure if the building official is
19.2 unable to determine whether or not the building or structure complies with this part.

19.3 **1300.0230 BOARD OF APPEALS.**

19.4 [For text of subps 1 to 3, see M.R.]

19.5 Subp. 4. [Repealed, L 2012 c 295 art 1 s 17]

19.6 Subp. 5. **Final interpretive authority.** In accordance with Minnesota Statutes,
19.7 section 326B.127, subdivision 5, the commissioner has final interpretive authority to all
19.8 codes adopted as part of the State Building Code, except for the State Plumbing Code, the
19.9 State Electrical Code, and the State High Pressure Piping Code.

19.10 **1303.1600 FOOTING DEPTH FOR FROST PROTECTION.**

19.11 [For text of subp 1, see M.R.]

19.12 Subp. 2. **Soil under slab on grade construction for buildings.** When soil, natural
19.13 or fill, is sand or pit run sand and gravel, and of depth in accordance with minimum
19.14 footing depth requirements for each zone, slab on grade construction which is structurally
19.15 designed to support all applied loads is permitted. Sand must contain less than 70 percent
19.16 material that will pass through a U.S. Standard No. 40 sieve and less than five percent
19.17 material that will pass through a No. 200 sieve (five percent fines), or be approved by
19.18 an engineer competent in soil mechanics.

19.19 **Exception:** Slab on grade construction may be placed on any soil except peat or
19.20 muck for detached one-story private garage, carport, and shed buildings not larger
19.21 than ~~3,000~~ 1,000 square feet.

19.22 Footings for interior bearing walls or columns may be constructed to be integral with
19.23 the slab on grade for any height building. Footings for exterior bearing walls or columns
19.24 may be similarly constructed for any height building when supporting soil is as described

20.1 in this subpart. Footing design must reflect eccentric loading conditions at slab edges, soil
 20.2 bearing capacity, and the requirements of International Building Code, chapter 19.

20.3 **1303.2200 SIMPLIFIED WIND LOADS.**

20.4 Subpart 1. **Section 2200.**

20.5 [For text of items A and B, see M.R.]

20.6 Subp. 2. **Simplified design wind pressures.** P_s represents the net pressures (sum of
 20.7 internal and external) to be applied to the horizontal and vertical projections of building
 20.8 surfaces. For the horizontal pressures, P_s is the combination of the windward and leeward
 20.9 net pressures. P_s may be determined from Equation P_{alt} .

$$20.10 \quad P_s = K_{zt} I_w P_{alt} \frac{(V_{ult}^2 \times V_{ult}^2)}{115 \times 115} P_{alt} \text{ (Equation } P_{alt} \text{)}$$

20.11 where:

20.12 K_{zt} = Topographic factor as defined in Chapter ~~6~~ 26 of ASCE 7.

20.13 ~~I_w = Importance factor as defined in Chapter 6 of ASCE 7.~~

20.14 P_{alt} = Alternative simplified design wind pressure from Table P_{alt} .

20.15 **TABLE P_{alt}**
 20.16 **Horizontal and Vertical Pressure***

20.17	Exp B	15 <u>25</u> psf
20.18	Exp C	19 <u>30</u> psf
20.19	Exp D	22 <u>35</u> psf

20.20 *For vertical pressure, the above values are negative (upward).

20.21 **Overhang Vertical Pressure***

20.22	Exp B	-25 <u>-40</u> psf
20.23	Exp C	-30 <u>-48</u> psf
20.24	Exp D	-35 <u>-56</u> psf

20.25 *Negative values are upward.

- 21.1 **REPEALER.** Minnesota Rules, parts 1300.0070, subparts 3, 10a, 11, 12, 18, 22, and
- 21.2 23; 1300.0215, subpart 2; 1303.1800; 1303.2300; 1303.2305; 1303.2310; 1303.2320; and
- 21.3 1303.2330, are repealed.

Office of the Revisor of Statutes

Administrative Rules



TITLE: Proposed Permanent Rules Relating to State Building Code Administration

AGENCY: Department of Labor and Industry

MINNESOTA RULES: Chapters 1300 and 1303

The attached rules are approved for
publication in the State Register



Sheree Speer
Senior Assistant Revisor