

Plumbing Board
National Code Review Committee – Meeting Minutes
April 16, 2013 – 1:00 p.m.
Department of Labor and Industry
443 Lafayette Road No., Saint Paul, MN 55155-4344
DLI.CCLDBOARDS@State.MN.US

Committee Members Present

John Parizek
Lawrence Justin
Jim Lungstrom (Chair)
Joe Beckel
Gale Mount
Mike McGowan
James Kittleson

Staff Present

Carey Wagner
Cathy Tran
Jim Peterson

Committee Members Absent

Grant Edwards

Visitors

Brian Noma
Matthew Marciniak
Ron Thompson
Nick Carver
David Rindal
Tim Power
Dave Skallet

I. Call To Order

The meeting was called to order by Chair at 1:10 p.m. Announcements were made and introductions were done.

II. Approval of Meeting Agenda

Justin made a motion, seconded by Parizek, to approve the Agenda. The vote was unanimous and the motion carried.

III. Regular Business

Justin made a motion, seconded by Parizek, to approve the minutes of the March 14, 2013 meeting. The vote was unanimous.

Chair advised members to turn expense reports over to Parizek for approval.

IV. Special Business

Special Business for today is to review suggested changes to the 2012 Uniform Plumbing Code chapters 3, 5, 12, 13 and 15 for incorporation into the MN version of the code. Suggested changes being brought forth have been developed by National Code Committee members, interested parties, and members of the public. These suggested changes are preliminary and will be forwarded to the full Plumbing Board for consideration at a future Plumbing Board meeting. Suggested changes were proposed for the following chapters:

- Chapter 3: See Attached
- Chapter 5: See Attached
- Chapter 12: Propose to Delete
- Chapter 13: Propose to Delete
- Chapter 15: Propose to Delete

The following table is a summary of suggested changes with motions and vote. See attachments for language:

Requester	Section	Motion To	Motion By, Second	Vote
MDH ¹	317.1	Accept	Justin, Parizek	Carries
DLI ²	Ch. 3	(1) Accept with change to 301.2 relating to “Unless prohibited by this code <i>or by law,...</i> ” (2) Accept with change to 301.4.6 as “Prior to the final plumbing inspection, the design engineer must provide written certification to the administrative authority that the system has been visually inspected by the design engineer <i>or their designee,...</i> ” (3) Deny 312.9 referencing mechanical code. Entire exception is deleted.	Mount, Parizek	Carries
Arvella Greenway	301.3.1	Deny	Parizek, Justin	Carries

Arvella Greenway	Table 313.1 Hubless	Deny	Justin, Kittleson	Carries
Arvella Greenway	Table 313.1 Sched 40 PVC	Deny	Justin, Beckel	Carries
MDH	307.1	Accept proposed deletion of “private sewage disposal system” in 307.1 since under the MPCA rules.	Parizek, Kittleson	Carries
DLI	507.5	Accept with change as “Discharge from a relief valve into a water heater pan shall be prohibited. Discharge relief valve shall terminate within 18 inches of the floor or a safe place of disposal.”	Parizek, Kittleson	Carries
John Parizek	505.4.1	Table until more information is reviewed on toxic rating 1	Parizek, Justin	Carries
DLI	Remainder of DLI Ch. 5 Changes	Accept	Justin, Kittleson	Carries
DLI	UPC Chs. 12, 13, 15	Delete Entirely	Parizek, Kittleson	Carries

¹MDH = Minnesota Department of Health

²DLI = Department of Labor and Industry

Discussion:

1. Check on expansion joint accessibility requirements in the UPC.
2. Address Section 608.5 at appropriate meeting.
3. Ron Thompson commented on the issue of trenching language in Section 314.1 of UPC 2012 possibly conflicting with OSHA regulations & if Plumbing will be enforcing trenching requirements. DLI will follow-up and review this with OSHA & report back to committee.

V. Open Forum

There were no requests to speak.

VI. Discussion

There was no further discussion.

VII. Announcements

- A. Next Regularly Scheduled Meeting: The next National Code Committee meeting will be held on May 21st.

VII. Adjournment

A motion was made by Parizek, seconded by Kittleson, to adjourn the meeting. The vote was unanimous and the motion carried.

Respectfully Submitted,

Jim Lungstrom

Jim Lungstrom

Attachments:

- Attachment 1 Suggested Changes by Dept of Labor and Industry (Cathy Tran)
- Attachment 2 Suggested Change by MN Dept of Health (Ron Thompson)
- Attachment 3 Suggested Changes by Arvella Greenway

Attachment 1

Plumbing Board
c/o Department of Labor and Industry
443 Lafayette Road North
Saint Paul, MN 55155-4344
dli.cclboards@state.mn.us

NATIONAL CODE REVIEW COMMITTEE SUGGESTION FORM

(This form must be submitted electronically)

Author/requestor: Cathy Tran

Email address: cathy.tran@state.mn.us

Telephone number: 651/284-5898

Firm/Association affiliation, if any: DLI

Suggested Code Change - Language

Please provide your suggested change using a strikethrough and underline format. Provide the *specific* language you would like to see changed, with new words underlined and ~~strikethrough~~ the words to be deleted. Tell us whether the language you are suggesting or changing is from a code book or from Minnesota Rules, chapter 4715. (You may provide the language (electronically) on a separate attached sheet).

2012 UPC Chapter 3 -See attached documentation.

Suggested Code Change – Need and Reason

Please provide a thorough explanation of the need for the suggested change and why the change is a reasonable one. During the rulemaking process, the Board must defend the need for and reasonableness of all its proposed changes. (You may provide the need and reason (electronically) on a separate attached sheet).

See attached documentation.

Suggested Code Change – Cost/Benefit Analysis

Please explain whether the change you suggest will increase or decrease costs, or that the change will not have any cost implications. If there is an increased cost, will this cost be offset somehow by a life-safety or other benefit? If so, please explain. Are there any cost increases or decreases to enforce or comply with the suggested change? If so, please explain. (You may provide the cost/benefit analysis (electronically) on a separate attached sheet).

No cost implications.

Please explain:

1. Is the suggested change meant to:
 - change language contained in a published code book? If so, list section(s).
 - change language contained in an existing Minnesota Rule in chapter 4715? If so, list the Rule part(s).
 - delete language contained in a published code book? If so, list section(s).
 - delete language contained in an existing Minnesota Rule in chapter 4715? If so, list Rule the part(s).
 - neither; the suggested change is new language and is not in a code book or in Minnesota Rules, chapter 4715.
2. Is the suggested change required by a federal requirement or regulation, state statute or new legislation? If so, please explain and provide the citation to the regulation, statute or legislation.
MN Statutes 326b.43
3. Will the suggested change impact other sections of a published code book or the Minnesota State Building Code or other administrative rules? If so, please list the affected sections or rule parts.
4. Who are the parties affected or segments of industry that might be affected by the suggested change?
5. Can you think of other means or methods to achieve the purpose of the suggested change? If so, please explain what they are and why your suggested change is the preferred method or means to achieve the desired result.
no
6. Are you aware of any federal requirement or regulation related to this proposed code change? If so, please list the regulation or requirement.
No

CHAPTER 3 - 2012 UPC DLI Proposed changes GENERAL REGULATIONS

300.0 Conformance with Code.

300.1 Scope. As provided in Minnesota Statutes, sections 326B.43 and 326B.52, this Code applies to all new plumbing installations performed anywhere in the state, including additions, extensions, alterations, and replacements.

300.2 New buildings. All plumbing materials and plumbing systems or parts thereof must be installed to meet the minimum provisions of this code.

300.3 Existing buildings. In existing buildings or premises in which plumbing or drainage system or other work regulated by this code are to be added, altered, renovated, or replaced, the new materials and work must meet the provisions of this code. If the authority having jurisdiction finds that the full performance of bringing the work into compliance with all requirements of this code would result in exceptional or undue hardship by reason of excessive structural or mechanical difficulty, or impracticability, a deviation may be granted by the Authority Having Jurisdiction only to the extent the deviation can be granted without endangering the health and safety of the occupants and the public.

300.4 Changes in Building Occupancy. Plumbing systems that are a part of a building or structure undergoing a change in use or occupancy, as defined in the building code, shall be in accordance with the requirements of this code that are applicable to the new use or occupancy.

300.5 Moved Buildings. Plumbing systems that are part of buildings or structures moved into this jurisdiction shall be in accordance with the provisions of this code for new installations. Parts of the plumbing systems of a building or part thereof that is moved from one foundation to another, or from one location to another, shall be completely tested as new work, except that walls or floors need not be removed during such test where other equivalent means of inspection acceptable to the Authority Having Jurisdiction are provided.

300.6 Health and Safety. No provision of this code shall be deemed to require a change in a portion of a plumbing or drainage system or other work regulated by this code in or on an existing building or lot where such work was installed and is maintained in accordance with rule in effect prior to the effective date of this code, except where such plumbing or drainage system or other work regulated by this code is determined by the Authority Having Jurisdiction to be in fact dangerous, unsafe, insanitary, or a nuisance and a hazard to life, health, or property. Where these conditions exist, corrections by the owner or owner's agent shall be responsible for installing additional plumbing or making such corrections as may be necessary to abate such nuisance or hazard and bring the existing plumbing installation within the provision of this code.

SONAR: 300.0 This entire part is added to identify general requirements for conformance with code. Part 300.1 is merely taken from Minnesota Statutes 326B.43 and 326B.52 to specify the scope of the plumbing installations for the State of MN. Parts 300.2 and 300.3 are intended to require all new plumbing installations for new and existing buildings to meet the provisions of the code with an allowance for deviation when approved and are based on undue hardship and excessive difficulty without endangering the public. Parts 300.4 and 300.5 identify specific requirements for any moved buildings or change in occupancy of buildings. Part 300.6 specifically covers corrections for unsafe, insanitary, and dangerous situations for the public and property due to existing plumbing has not been maintained or installed properly. This is necessary for health protection and safety.

301.0 Materials – Standards and Alternates.

301.1 Minimum Standards. Pipe, pipe fittings, traps, fixtures, material, and devices used in a plumbing system shall be listed or labeled (third-party certified) by a listing agency (accredited conformity assessment body) and shall comply with the approved applicable recognized standards referenced in this code, and shall be free from defects. Plastic pipe and the fittings used for plastic pipe, other than those for gas, shall meet the requirements of NSF 14. Unless otherwise provided for in this code, materials, fixtures, or devices used or entering into the construction of plumbing systems, or parts thereof, shall be submitted to the Authority Having Jurisdiction for approval.

301.1.1 Marking. Each length of pipe and each pipe fitting, trap, fixture, material, and device used in a plumbing system shall have cast, stamped, or indelibly marked on it the manufacturer's mark or name, which shall readily identify the manufacturer to the end user of the product. Where required by the approved standard that applies, the product shall be marked with the weight and the quality of the product. Materials and devices used or entering into the construction of plumbing and drainage systems, or parts thereof, shall be marked and identified in a manner satisfactory to the Authority Having Jurisdiction. Such marking shall be done by the manufacturer. Field markings shall not be acceptable.

301.1.2 Standards. Standards listed or referred to in this chapter or other chapters cover materials that will conform to the requirements of this code, where used in accordance with the limitations imposed in this or other chapters thereof and their listing. Where a standard covers materials of various grades, weights, quality, or configurations, the portion of the listed standard that is applicable shall be used. Design and materials for special conditions or materials not provided for herein shall be permitted to be used only by special permission of the Authority Having Jurisdiction after the Authority Having Jurisdiction has been satisfied as to their adequacy. A list of accepted plumbing material standards is referenced in Table 1401.1. ~~APMO Installation Standards are referenced in Appendix I for the convenience of the users of this code. They are not considered as a part of this code unless formally adopted as such by the Authority Having Jurisdiction.~~ 301.1.3 Existing Buildings. In existing buildings or premises in which plumbing installations are to be altered, repaired, or renovated, the Authority Having Jurisdiction

~~has discretionary powers to permit deviation from the provisions of this code, provided that such proposal to deviate is first submitted for proper determination in order that health and safety requirements, as they pertain to plumbing, shall be observed.~~

SONAR: The proposed deletion in subpart 301.1.2 is necessary as Appendix I is proposed for adoption in part 301.5. Subpart 301.1.3 is proposed for deletion in its entirety since this has been relocated to subpart 300.3.

301.2 Alternate Materials and Methods of Construction Equivalency. Nothing in this code is intended to prevent the use of systems, methods, or devices of equivalent or superior quality, strength, fire resistance, effectiveness, durability, and safety over those prescribed by this code. Prior to installation, technical documentation shall be submitted to the Authority Having Jurisdiction to demonstrate equivalency. Unless prohibited by this code, The Authority Having Jurisdiction shall have the authority to approve or disapprove the system, method, or device for the intended purpose.

However, the exercise of this discretionary approval by the Authority Having Jurisdiction shall have no effect beyond the jurisdictional boundaries of said Authority Having Jurisdiction. An alternate material or method of construction so approved shall not be considered as in accordance with the requirements, intent, or both of this code for a purpose other than that granted by the Authority Having Jurisdiction where the submitted data does not prove equivalency.

SONAR: For new materials and methods alternates, the proposed amendment is to ensure that alternates are received for review and approval prior to installation and not after the fact. This is important and necessary for proper review of the alternates to verify suitability for which it is requested and to minimize field corrections.

301.4 Alternative Engineered Design. An alternative engineered design shall comply with the intent of the provisions of this code and shall provide an equivalent level of quality, strength, effectiveness, fire resistance, durability, and safety. Material, equipment, or components shall be designed and installed in accordance with the manufacturer's installation instructions.

-For texts of 301.4.1 through 301.4.5 see UPC 2012 -

301.4.6 Inspection and Testing. The alternative engineered design shall be tested and inspected in accordance with the submitted testing and inspection plan and the requirements of this code. Prior to the final plumbing inspection, the design engineer must provide written certification to the administrative authority that the system has been visually inspected by the design engineer and the installation has been properly implemented according to the certified plans, calculations, and specification.

SONAR: Since this is an alternative engineered design, the proposed amendment is necessary to require the licensed design engineer to verify suitability and acceptance after installation. Most alternative engineered design requires a special expertise in the engineer's field of expertise. Therefore, the final inspection by the design engineer will ensure the installation is in accordance with the engineered design.

301.5 Appendices.

301.5.1 General. Unless specified otherwise, the provisions in the appendices listed in this part shall be considered part of this code.

301.5.2 Appendix A Recommended Rules for Sizing the Water Supply System

301.5.3 Appendix B Explanatory Notes on Combination Waste and Vent Systems

301.5.4 Appendix I IAPMO Installation Standards. Except for IS 12-2006, IS 13-2006, IS 26-2006, SIS 1-2003, and SIS 2-2003, the standards in Appendix I are considered part of this code.

SONAR: Appendices must be formally adopted to be part of the code and therefore, Appendix A, B, and part of I are proposed for adoption. The proposed adoption of Appendix A & B are necessary for design, plan review, and consistent administration of the requirements. Applicable installation standards in Appendix I are proposed for adoption to provide installation requirements and ensure consistent enforcement on a statewide basis.

311.0 Independent Systems.

311.1 General. The drainage system of each new building and of new work installed in an existing building shall be separate and independent from that of any other building, and, where available, every building shall have an independent connection with a public or private sewer.

~~**Exception:** Where one building stands in the rear of another building on an interior lot, and no private sewer is available or can be constructed to the rear building through an adjoining court, yard, or driveway, the building drain from the front building shall be permitted to be extended to the rear building.~~

SONAR: The exception in part 311.1 is proposed for deletion. There should not be a reason why a new building should ever connect or discharge into any building drains of an existing building. The language could be construed to allow a new building sewer to connect into a neighbor's property and building drain which conflicts with the intent of the requirement for independent connection to a sewer. If the exception is not deleted, it will create possible unsanitary health concerns and rights to access another building to maintain the sewer.

312.7 Fire-Resistant Construction. Piping penetrations of fire-resistance-rated walls, partitions, floors, floor/ceiling assemblies, roof/ceiling assemblies, or shaft enclosures shall be protected in accordance with the requirements of the building code and Chapter 15, "Firestop Protection."

SONAR: Chapter 15 is not part of the Plumbing Code and therefore, the proposed amendment is to delete references to Chapter 15.

312.9 Steel Nail Plates. Plastic and copper piping penetrating framing members to within 1 inch (25.4 mm) of the exposed framing shall be protected by steel nail plates not less than No. 18 gauge (0.0478 inches) (1.2 mm) in thickness. The steel nail plate shall extend along the framing member not less than 1½ inches (38 mm) beyond the outside diameter of the pipe or tubing.

Exception: See Section 1210.3.3. See Minnesota Mechanical Code.

SONAR: 312.9 Exception references Chapter 12 for gas piping. The correct reference is in the Minnesota Mechanical Code.

~~**313.7 Gas Piping.** Gas piping shall be supported by metal straps or hooks at intervals not to exceed those shown in Table 1210.2.4.1.~~

SONAR: 313.7 Gas piping are regulated in the mechanical code and not the Plumbing Code.

315.1 Unions. Approved unions shall be permitted to be used in drainage piping where accessibly located in the trap seal or between a fixture and its trap in the vent system, except underground or in wet vents, at a point in the water supply system, and in gas piping as permitted by Section 1211.5.

SONAR: 315.1 Gas piping are regulated in the mechanical code and not the Plumbing Code.

317.0 Food-Handling Establishments.

317.1 General. For food and beverage licensing requirements, refer to the Minnesota Food Code, Chapter 4626. Food or drink shall not be stored, prepared, or displayed beneath soil or drain pipes, unless those areas are protected against leakage or condensation from such pipes reaching the food or drink as described below. Where building design requires that soil or drain pipes be located over such areas, the installation shall be made with the least possible number of joints and shall be installed so as to connect to the nearest adequately sized vertical stack with the provisions as follows:

- (1) Openings through floors over such areas shall be sealed watertight to the floor construction.
- (2) Floor and shower drains installed above such areas shall be equipped with integral seepage pans.
- (3) Soil or drain pipes shall be of an approved material as listed in Table 1401.1 and Section 701.1. Materials shall comply with established standards. Cleanouts shall be extended through the floor construction above.
- (4) Piping subject to operation at temperatures that will form condensation on the exterior of the pipe shall be thermally insulated.
- (5) Where pipes are installed in ceilings above such areas, the ceiling shall be of the removable type, or shall be provided with access panels in order to form a ready access for inspection of piping.

SONAR: Part 317.0 in its entirety addresses food licensing requirements. Food Licensing and handling regulations are established in the Food Code regulated by the Minnesota Department of Health (MDH) and not by the Plumbing Code. The proposed amendment is to make the correct reference.

319.0 Medical Gas and Vacuum Systems.

319.1 General. Such piping shall be installed, tested, and verified in accordance with the applicable standards referenced in Table 1401.1 and the requirements of Chapter 13. The Authority Having Jurisdiction shall require evidence of the competency of the installers and verifiers.

SONAR: Part 319.0 is proposed for deletion in its entirety. Installation of medical gas and vacuum system are regulated in other codes and not the Plumbing Code.



Chapter 5 - UPC 2012 DLI Proposed Changes

501.1 Applicability. The regulations of this chapter shall govern the construction, location, and installation of fuel-burning and other water heaters heating potable water, ~~together with chimneys, vents, and their connectors.~~ The minimum capacity for storage water heaters shall be in accordance with the first hour rating listed in Table 501.1. Design, construction, and workmanship shall be in accordance with accepted engineering practices, manufacturer's instructions, and applicable standards and shall be of such character as to secure the results sought to be obtained by this code. No water heater shall be hereinafter installed that does not comply with the type and model of each size thereof approved by the Authority Having Jurisdiction. ~~A list of accepted gas appliance standards are referenced in Table 1401.1.~~

SONAR: This amendment would eliminate the requirement that the plumbing code regulates chimneys, vents, and their connectors. These items are currently regulated in the Minnesota Mechanical Code, Chapter 1346.

503.0 Inspection.

~~**503.1 Inspection of Chimneys or Vents.** This inspection shall be made after chimneys, vents, or parts thereof, authorized by the permit, have been installed and before such vent or part thereof has been covered or concealed.~~

~~**503.2 Final Water Heater Inspection.** This inspection shall be made after work authorized by the permit has been installed. The Authority Having Jurisdiction will make such inspection as deemed necessary to be assured that the work has been installed in accordance with the intent of this code. No appliance or part thereof shall be covered or concealed until the same has been inspected and approved by the Authority Having Jurisdiction.~~

SONAR: 503.1 This amendment would remove the inspection requirement of chimneys and vents serving gas burning appliances. These items are currently regulated in the Minnesota Mechanical Code, Chapter 1346. 503.2 Inspection of water heater is an administrative function under the authority of DLI. This subpart is deleted the water heater inspection from this chapter since it's regulated in the Minnesota Administrative Chapter 1300.

Sections 504.1 through 504.2 Vent.

SONAR: This language from section 504.1 through 504.2 are requirements for venting, self closing, and door requirements for water heaters installations in bedrooms and bathrooms. These requirements are governed by the Minnesota Mechanical code (specifically part 303.2 of the International Mechanical Code). The proposed deletion is necessary to reference the requirements in the correct location, Minnesota Mechanical Code, Chapter 1346.

504.6 Temperature, Pressure, and Vacuum Relief Devices. The installation of temperature, pressure, and vacuum relief devices or combinations thereof, ~~and automatic gas shutoff devices,~~ shall be installed in accordance with the terms of their listings and the manufacturer's installation instructions. A shutoff valve shall not be placed between the relief valve and the water heater or on discharge pipes between such valves and the atmosphere. The hourly British thermal units (Btu) (kW•h) discharge capacity or the rated steam relief capacity of the device shall be not less than the input rating of the water heater. [NFPA 54:10.28.5]

SONAR: This amendment would remove the requirements of automatic gas shutoff devices. This item is currently regulated in the Minnesota Mechanical Code, Chapter 1346.

Sections 506.0 through 506.9

SONAR: This amendment would eliminate the sections on Air for Combustion and Ventilation. These items are currently regulated in the Minnesota Mechanical Code, Chapter 1346.

507.5 Relief Valve Discharge. Discharge from a relief valve shall terminate within 18 inches of the floor and the discharge into a water heater pan shall be prohibited.

SONAR: This amendment would require a more specific and safer location for the discharge of a water heater relief valve.

Sections 507.6 through 507.14

SONAR: This amendment would eliminate the sections on the use of air for combustion and ventilation. These items are currently regulated in the Minnesota Mechanical Code, Chapter 1346.

Sections 507.14 through 507.15

SONAR: This proposed amendment would delete sections 507.14 and 507.15 in its entirety. These two parts are requirements for appliances relating to combustion air and fire resistance constructions installed in commercial garages and air craft hangars which are not part of plumbing.. These requirements are specifically regulated in the Minnesota Mechanical Code, Chapter 1346.

Sections 507.16 through 507.23

SONAR: This amendment would eliminate the sections on gas piping and venting of gas appliances. These items are currently regulated in the Minnesota Mechanical Code, Chapter 1346.

Sections 508.0 Appliances on Roofs.

SONAR: This amendment would delete the entire section 508. The provisions in section 508 in its entirety are not considered plumbing and are regulated in the Minnesota Mechanical Code, Chapter 1346. Therefore, it is reasonable to delete the entire section.

Sections 509.0 through 511.1

SONAR: This amendment would eliminate the sections on venting of appliances. These items are currently regulated in the Minnesota Mechanical Code, Chapter 1346.

Attachment 2

443 Lafayette Road N.
St. Paul, Minnesota 55155
www.dli.mn.gov



MINNESOTA DEPARTMENT OF
LABOR & INDUSTRY

(651) 284-5005
1-800-DIAL-DLI
TTY: (651) 297-4198

NATIONAL CODE COMMITTEE COMMENT FORM
FOR PROPOSED AMENDMENTS TO THE UPC
(This form must be submitted electronically)

Author/requestor: Minnesota Department of Health

Email address: ronald.thompson@state.mn.us

Telephone number: (651) 201-3658

Firm/Association affiliation, if any:

Proposed Code Change - Language

Please provide your proposed UPC amendment in strikeout/underline format. Provide the *specific* language you would like to see changed, with new words underlined and words to be deleted should be ~~stricken~~. Also, state whether the language contained in your proposal is from a code book or from an amendment currently found in Minnesota Rule. (You may provide the language (electronically) on a separate, attached sheet).

XXXX.XXXX CHAPTER 3 GENERAL REGULATIONS

UPC Section 3.17.1 is amended as follows:

3.17.1 General. Food or drink shall not be stored, prepared, or displayed beneath soil drain pipes, unless those areas are protected against leakage or condensation from such pipes reaching the food or drink as described below. Soil drain pipes in facilities regulated by Minnesota Rules, Chapter 4626 must have the pipes shielded in accordance with part 4626.0960 4-903. Where building design requires that soil or drain pipes be located over such areas, the installation shall be made with leas possible number of joints and shall be installed so as to connect to the nearest adequately sized vertical stack with the provisions as follows:

- (1) Openings through floors over such areas shall be sealed watertight to the floor construction.
- (2) Floor and shower drains installed above such areas shall be equipped with integral seepage pans.
- (3) Soil or drain pipes shall be of an approved material as listed in Table 1401.1 and Section 701.1. ~~Materials shall comply with established standards.~~ Cleanouts shall be extended through the floor construction above.
- (4) Piping subject to operation at temperatures that will form condensation on the exterior of the pipe shall be thermally insulated.
- (5) Where pipes are installed in ceilings above such areas, the ceiling shall be of the removable type, or shall be provided with access panels in order to form a ready access for inspection of piping.

Proposed Code Change – Need and Reason

Please provide a thorough explanation of the need for this amendment and why this proposed amendment is a reasonable change. During the rulemaking process, the Agency must defend the need and reasonableness of all its proposed changes. The Agency must submit evidence that it has considered all aspects of the proposal. (You may provide the need and reason (electronically) on a separate attached sheet).

The Minnesota Food Code, Minnesota Rules, Chapter 4626, contains requirements for food establishments. Part 4626.0960 4-903.12 contains requirements for storage of food equipment, utensils, laundered linens, or single-service and single use articles and prohibits storage under a sewer line that is not shielded to intercept potential drips.

Proposed Code Change – Cost/Benefit Analysis

Please consider whether this proposed amendment will increase/decrease costs or indicate that it will not have any cost implications and explain how it will not. If there is an increased cost, will this cost be offset somehow by a life safety or other benefit? If so, please explain. Are there any cost increases/decreases to enforce or comply with this proposed code change? If so, please explain. (You may provide the cost/benefit analysis (electronically) on a separate, attached sheet).

This is a requirement of existing Minnesota Rules, part 4626.0960 4-903.12.

Other Factors to Consider Related to Proposed Amendment

1. Is this proposed code change meant to:

change language contained in a published code book? If so, list section(s).
This amends Section 3.17.1

change language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).

delete language contained in a published code book? If so, list section(s).

delete language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).

neither; this language will be new language, not found in the code book or in Minnesota Rule.

2. Is this proposed code change required by a Minnesota Statute or new legislation? If so, please provide the citation to the Statute or legislation.
no

3. Will this proposed code change impact other sections of a published code book or of an amendment in Minnesota Rule? If so, please list the affected sections or rule parts.
no

4. Will this proposed code change impact other parts of the Minnesota State Building Code? If so, please list the affected parts of the Minnesota State Building Code.
no

5. Who are the parties affected or segments of industry affected by this proposed code change?
no

6. Can you think of other means or methods to achieve the purpose of the proposed code change? If so, please explain what they are and why your proposed change is the preferred method or means to achieve the desired result.
no

7. Are you aware of any federal requirement or regulation related to this proposed code change? If so, please list the regulation or requirement.
no

Attachment 3

Submitted by Arvella Greenway, member of Plumbers Local 15 Minneapolis, MN 2-27-2013
Arvella L. Greenway arvella.greenway@gmail.com
Comments on Possible Amendment to Rules Governing the Minnesota Plumbing Code,
Minnesota Rules, Chapter 4715; Revisor's ID Number R-4139

RECEIVED
MAR 10 4 2013
OFFICE OF THE
DEPARTMENT OF
LABOR & INDUSTRY
LEGAL SERVICES

General: The adoption of the 2012 Uniform Plumbing Code by the State of Minnesota is a positive thing as it brings the state in line with a national code that is recognized as the best in the country.

- Chapter 3

301.3.1 Flood Hazard Areas Subject to High Velocity Wave Action: Does not apply in Minnesota

Table 313.1 Hangers and Supports:

Cast Iron Hubless- Support should be on both sides of the coupling within 18"

Schedule 40 PVC and ABS DWV- Support should be every 32" and continuously supported where a dishwasher or other appliance with hot water discharges into plastic waste lines above grade on a horizontal branch.

5/20/13
2013