

# Meeting Minutes: 2024 UPC ad hoc Rulemaking Committee of the Plumbing Board

Date: Feb. 7, 2024  
Time: 9:00 a.m.  
Minutes by: Lyndy Logan  
Location: Washington Room, DLI, 443 Lafayette Rd. No., St. Paul, MN 55155

## Committee Members

1. Karl Abrahamson (Committee Secretary)
2. Richard Becker
3. Justin Parizek
4. Mike Westemeier (DLI CO's Designee)

## Committee Members Absent

None

## DLI Staff & Visitors

Adam Case (Board. Counsel, DLI)  
Lyndy Logan (DLI)  
Brad Jensen (DLI)  
Thomas Eisert (DLI) – WebEx  
Matt Flier (DLI) – WebEx  
Steve Neubel (DLI) – WebEx

## DLI Staff & Visitors continued...

Anita Anderson (Dept. of Health) – WebEx  
Lew Anderson (City of Minneapolis) – WebEx  
Nick Erickson (Housing First MN)  
John Galt – WebEx  
Julie Hagstrom (HGA) – WebEx  
Mike Johnson (J-Berd Mechanical)  
Larry Justin (KFI Engineers) – WebEx  
Adam Luthin – WebEx  
Stephanie Menning (MUCA) – WebEx  
Tom Pahkala (Plumbers Local 15)  
Bradley Peters (Rochester Comm. Dev.)  
Jim Peterson (MN PHCC)  
Katy Thompson (Stantec) – WebEx  
Scott Thompson (My Plumbing Training)  
James Walls (CISPI) – WebEx

## 1. **Call to Order**

- A. The meeting was called to order by Board Chair Becker at 9:02 a.m. Roll call was taken Committee Secretary Abrahamson and a quorum was declared with 4 of 4 Committee members present in person.
- B. Announcements/Introductions by Board Chair Becker
  - Everyone present in person and remotely are able to hear all discussions.
  - All votes will be taken by roll call if any member is attending remotely.
  - All handouts discussed and WebEx instructions are posted on the Committee's website.

## 2. **Approval of meeting agenda**

A motion was made by Westemeier, seconded by Abrahamson, to approve the agenda as presented. The vote was unanimous with 4 votes in favor; the motion carried.

## 3. **Approval of previous meeting minutes**

A motion was made by Westemeier, seconded by Abrahamson, to approve the Jan. 3, 2024, minutes with a correction to item 3, Approval of previous meeting minutes, to read "to approve the Nov. 30, 2023, minutes" not "agenda." The vote was unanimous with 4 votes in favor; the motion carried.

#### 4. Regular Business

No expense reports.

#### 5. Special Business

- A. Continue review/discussion of Definitions, beginning at Q, chapter 3 of the 2024 Uniform Plumbing Code (UPC), and any tangential sections, and as time permits, chapter 4; discuss possible rulemaking recommendation to the Plumbing Board.

### Chapter 2. Definitions

#### Definition Q

- Quick-Disconnect Device – remove from the 2024 UPC

#### Definition R

- Registered Design Profession – leave language as amended in the 2020 MN Plumbing Code

#### Definition S

- Scavenging – remove from 2024 UPC
- Service Piping – remove from the 2024 UPC
- Single-Family Dwelling – leave as amended in the 2020 MN Plumbing Code
- Standard cubic feet per minute – remove from the 2024 UPC
- Station Inlet – remove from the 2024 UPC
- Station Outlet – remove from the 2024 UPC

#### Definition T

- T Rating: **Circle back to determine if this would already be covered by the Building Code**
- Transition Gas Riser – remove from the 2024 UPC

#### Definition U

- User Outlet – remove from the 2024 UPC

#### Definition V

- Vacuum System-Level 1 – remove from the 2024 UPC
- Valve, Balancing was added to the 2024 UPC, this language can stay
- Valve, Service – remove from the 2024 UPC
- *Valve, Source* – remove from the 2024 UPC
- Valve, Zone – remove from the 2024 UPC
- Vent Connector, Gas – remove from the 2024 UPC
- Vented Appliance and sub items – remove from the 2024 UPC
- Venting System and sub items – remove from the 2024 UPC

#### Definition W

- Water-Conditioning or Treating Device. *A device that conditions or treats a water supply to change its chemical content or remove suspended solids by filtration. Change this language to read “See also water conditioning equipment or water treating equipment.”*
- Leave the language shown below as amended in the 2020 MN Plumbing Code for Water Conditioning Equipment or Water Treating Equipment. *Means any appliance, appurtenance, or fixture, or any combination thereof, designed to treat potable water, so as to alter, modify, add, or remove any minerals, chemicals, or bacteria contained in the water. Water conditioning equipment and*

water treating equipment includes but is not limited to ion exchange water softeners, backwashing water filters, oxidizing water filters, cartridge filters, chemical feed cartridges, ultraviolet lights, and equipment for reverse osmosis, ultrafiltration, nanofiltration, pH adjustment, nitrate and arsenic removal, and adsorption onto activated carbon.

- Wet Procedure Locations: **Research to see where this is being used, circle back.**
- Water Heater, Dual Purpose was added, keep as shown in the 2024 UPC
- Water Station was added, keep as shown in the 2024 UPC

#### Definition X

- None

#### Definition Y

- None

#### Definition Z

- None

### Chapter 3

- 301.3 Alternate Materials and Methods of Construction Equivalency – leave as amended in the 2020 MN Plumbing Code
- 301.2.5 Existing Buildings. Remove language as shown in the 2024 UPC: ~~301.2.5 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.~~
- 301.5.6 Inspection and Testing – keep language as amended in the 2020 MN Plumbing Code as follows: *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 registered professional engineer shall provide written certification to the administrative authority that the system has been visually inspected by the registered professional engineer or the registered professional engineer's designee, and the installation has been properly implemented according to the certified plans, calculations, and specifications.*
- 307.1 System – leave as amended in the 2020 MN Plumbing Code as follows. *Except as otherwise provided in this code, no plumbing system, drainage system, building sewer, or part thereof shall be located in a lot other than the lot that is the site of the building, structure, or premises served by such facilities.*
- 309.6 Dead Legs – Lew Anderson provided the following WebEx chat message: The definition of dead legs in the 2024 UPC only discusses water, not waste.
- 312.7 Fire-Resistant Construction – leave as amended in the 2020 MN Plumbing Code
- 312.9 Steel Nail Plates – keep language in the 2024 UPC with deletion of the last sentence as follows: *312.9 Steel Nail Plates. Plastic piping or tubing, and copper or copper alloy piping or tubing 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 1 1/2 inches (38 mm) beyond the outside diameter of the pipe or tubing. ~~Fuel gas piping shall be protected in accordance with Section 1210.4.3.~~

- 312.10.3 Firewalls – keep as shown in the 2024 UPC
- 313.1 General – keep as shown in the 2024 UPC
- 313.2 Material – keep as shown in the 2024 UPC
- 313.7 Gas Piping – remove from the 2024 UPC
- 314.0 Trenching, Excavation, and Backfill – keep as shown in the 2024 UPC
- 315.1 Unions – keep language as shown in the 2024 UPC with deletion shown below: *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 any point in the water supply system; and in gas piping as permitted by Section 1212.6.*
- 317.1 General. **Table until language can be discussed with MDH.**
- 319.0 Medical Gas and Vacuum Systems – remove from the 2024 UPC
- 319.1 General – remove from the 2024 UPC
- Table 313.1, footnote 6 was added – leave as amended in the 2020 MN Plumbing Code.
- Table 313.3.1 – leave as amended in 2020 MN Plumbing Code.

#### Chapter 4

- 402.6 Flanged Fixture Connections – keep as shown in the 2024 UPC with revisions as follows: **402.6 Flanged Fixture Connections.** Fixture connections between drainage pipes and water closets, floor outlet service sinks and urinals shall be made using an approved copper alloy, hard lead, ABS, PVC, or iron flanges caulked, soldered, solvent cemented; rubber compression gaskets; or screwed to the drainage pipe. The connection shall be bolted with an approved gasket, washer, or setting compound between the fixture and the connection. The bottom of the flange shall be set on an approved firm base ~~the top of the finished floor.~~
- 403.2 Fixtures and Fixture Fittings for Persons with Disabilities – keep as shown in the 2024 UPC with the following revisions: *403.2 Fixtures and Fixture Fittings for Persons with Disabilities. Plumbing fixtures and fixture fittings for persons with disabilities shall be in accordance with the Minnesota Accessibility Code ~~ICC A117.1~~ and the applicable standards referenced in Chapter 4.*
- 405.3 Miscellaneous Fixtures – leave as amended in the 2020 MN Plumbing Code
- 407.3 Limitation of Hot Water Temperature for Public Lavatories – keep as amended in the 2020 MN Plumbing Code. Larry Justin said he believes this section should be reviewed further. Westemeier said by definition a public or public use applies to plumbing fixtures that are not defined as private or private use (from definitions in Chapter 2). A private or private use fixture include plumbing fixtures in residences and apartments, to private bathrooms in hotels and hospitals, and to restrooms in commercial establishments where the fixtures are intended for use of a family or an individual (also in Chapter 2 definitions). Lew Anderson said he agreed with these definitions. Needs further discussion.

- 407.4 Transient Public Lavatories – keep as amended in the 2020 MN Plumbing Code
- **The March 6<sup>th</sup> Committee meeting will continue discussing 407.3.**

B. Review/discuss RFA's submitted, if applicable

A. RFA PB0161 – Karl Abrahamson

- Abrahamson pulled his RFA – he will research and re-submit a revised RFA.

B. RFA PB0165 – Lew Anderson

- Nick Erickson and Lew Anderson addressed the Committee; the RFA was tabled until a later date.

C. RFA PB0163 – Scott Thompson: will review at next meeting

D. RFA PB0164 – Lew Anderson: will review at next meeting

## 6. Announcements

The following Committee meetings have been scheduled and notices will be sent to the Plumbing Board's interested parties distribution list one week prior. Meetings will be in person at DLI with a WebEx and phone options. Meetings begin at 9 a.m. and are expected to last 2-3 hours.

- March 6, 2024, Washington Room
- April 3, 2024, Minnesota Room
- April 30, 2024, Minnesota Room
- June 5, 2024, Washington Room
- July 3, 2024, Minnesota Room
- August 7, 2024, Minnesota Room
- September 4, 2024, Minnesota Room
- October 2, 2024, Minnesota Room
- November 6, 2024, Minnesota Room
- December 4, 2024, Minnesota Room
- January 2, 2025, Minnesota Room

## 7. Adjournment

A motion was made by Abrahamson, seconded by Westemeier, to adjourn the meeting at 11:52 a.m. The vote was unanimous with 4 votes in favor of the motion; the motion passed.

Respectfully submitted,

*Karl Abrahamson*

Karl Abrahamson  
Committee Secretary

### Green meeting practices

The State of Minnesota is committed to minimizing in-person environmental impacts by following green meeting practices. DLI is minimizing the environmental impact of its events by following green meeting practices. DLI encourages you to use electronic copies of handouts or to print them on 100% post-consumer processed chlorine-free paper, double-sided.