

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

Date: March 6, 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)

## DLI Staff & Visitors continued...

Thomas Eisert (DLI) – WebEx  
Steve Neubel (DLI)  
Lew Anderson (City of Minneapolis) – WebEx  
Nick Erickson (Housing First MN)  
Will Huston (Rice Companies) – WebEx  
Larry Justin (KFI Engineers) – WebEx  
Bradley Peters (Rochester Comm. Dev.)  
Jim Peterson (MN PHCC)  
David Radziej (MN PHCC)  
Steve Sabraski (Landform) – WebEx  
Mark Scholle (Prinsco) – WebEx  
Gary Thaden (MMCA) – WebEx  
Katy Thompson (Stantec) – WebEx

## 1. Call to Order

- A. The meeting was called to order by Board Chair Becker at 9:05 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 Abrahamson, seconded by Parizek, 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 Parizek, to approve the Feb. 7, 2024, minutes with a correction to valve under Definition V. 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 407.3, chapter 4 of the 2024 Uniform Plumbing Code (UPC), and any tangential sections, and as time permits, chapters 5 & 6; discuss possible rulemaking recommendations to the Plumbing Board.

### Chapter 4 continued...

- 407.3 – leave as amended in the 2020 MN Plumbing Code
- 407.4 – leave as amended in the 2020 MN Plumbing Code
- **407.5 – keep as shown in the 2024 UPC**
- 407.6 – leave as amended in the 2020 MN Plumbing Code
- 408.0 – keep as shown in the 2024 UPC
- 408.1 – keep as shown in the 2024 UPC
- **408.2 – Circle back at future meeting**
- 408.3 – keep as shown in the 2024 UPC
- 408.4 – keep as shown in the 2024 UPC
- 408.4.3 – keep as shown in the 2024 UPC
- 408.5 – keep as shown in the 2024 UPC
- 408.6 – keep as shown in the 2024 UPC
- 408.7 – keep as shown in the 2024 UPC
- 408.8 in the 2024 UPC should stay as amended in the 2020 MN Plumbing Code as section 408.7
- 408.8.1 PVC Sheets – keep as shown in the 2024 UPC
- 408.8.2 Chlorinated Polyethylene (CPE) Sheets – keep as shown in the 2024 UPC
- 408.8.3 Sheet Lead – keep as shown in the 2024 UPC
- 408.8.4 Sheet Copper – keep as shown in the 2024 UPC
- **408.8.5 Test for Shower Receptors – Revisit with 408.2 and will write an RFA regarding the timeline for testing**
- 408.9 Public Shower Floors – keep as shown in the 2024 UPC
- 408.10 Location of Valves and Heads – keep as shown in the 2024 UPC
- 408.11 Water Supply Riser – keep as shown in the 2024 UPC

### 409.0 Bathtubs and Whirlpool Bathtubs

- 409.1 Application – keep as shown in the 2024 UPC
- 409.2 Waste Outlet – keep as shown in the 2024 UPC
- 409.3 Overflow – keep as shown in the 2024 UPC
- 409.4 Limitation of Hot Water Temperature in Bathtubs and Whirlpool Bathtubs – keep as shown in the 2024 UPC
- 409.5 Backflow Protection – keep as shown in the 2024 UPC
- 409.6 Installation and Access – keep as shown in the 2024 UPC
- 409.6.1. Suction Fittings – keep as shown in the 2024 UPC
- 409.6.2 Flexible PVC Hoses and Tubing – keep as shown in the 2024 UPC

## 410.0 Bidets

- 410.1 Application – keep as shown in the 2024 UPC
- 410.2 Backflow Protection – keep as shown in the 2024 UPC
- 410.3 Limitation of Water Temperature in Bidets – keep as shown in the 2024 UPC

## 411.0 Water Closets

- 411.1 Application – keep as shown in the 2024 UPC
- 411.2 Water Consumption – keep as shown in the 2024 UPC
- 411.2.1 Dual Flush Water Closets – keep as shown in the 2024 UPC
- 411.2.2 Flushometer Valve Activated Water Closets – keep as shown in the 2024 UPC
- 411.3 Water Closet Seats – keep as shown in the 2024 UPC
- **411.4 Personal Hygiene Devices – table until Standard can be reviewed**

## 412.0 Urinals

- 412.1. Application – keep as shown in the 2024 UPC
- 412.1.1 Nonwater Urinals – amend the 2024 UPC as follows: **412.1.1 Nonwater Urinals.** Nonwater urinals shall have a liquid barrier sealant to maintain a trap seal. Nonwater urinals shall permit the uninhibited flow of waste through the urinal to the sanitary drainage system. Non-water urinals shall be cleaned and maintained in accordance with the manufacturer’s instructions after installation. Where nonwater urinals are installed, not less than one water supplied fixture rated at not less than 1 water supply fixture unit (WSFU) shall be installed upstream on the same drain line to facilitate drain line flow and rinsing. ~~Where nonwater urinals are installed, they shall have a water distribution line rough-in to each individual urinal location to allow for the installation of an approved backflow prevention device in the event of a retrofit.~~
- 412.1.2 Nonwater Urinals with Drain Cleansing Action – keep as shown in the 2024 UPC
- 412.2 Backflow Protection – keep as shown in the 2024 UPC

## 413.0 Flushing Devices

- 413.1 Where Required – keep as shown in the 2024 UPC
- 413.2 Flushometer Valves – keep as shown in the 2024 UPC
- 413.3 Flush Tanks – keep as shown in the 2024 UPC
- 413.4 – keep as shown in the 2024 UPC
- 413.5 – keep as shown in the 2024 UPC

## 414.0 Dishwashing Machines

- 414.1 Application – keep as shown in the 2024 UPC
- 414.2 Backflow Protection – Table until Standard can be reviewed
- 414.3 Drainage Connection – leave as amended in the 2020 MN Plumbing Code
- 414.4 Lead Content – keep as shown in the 2024 UPC

## 415.0 Drinking Fountains

- 415.1 Application – keep as shown in the 2024 UPC
- 415.2 Drinking Water Fountain Alternatives – leave as amended in the 2020 MN Plumbing Code
- 415.3 Drainage Connection – keep as shown in the 2024 UPC
- 415.4 Location – keep as shown in the 2024 UPC

## 416.0 Emergency Eyewash and Shower Equipment

- 416.1 Application – keep as shown in the 2024 UPC
- 416.2 Water Supply – keep as shown in the 2024 UPC
- 416.3 Installation – keep as shown in the 2024 UPC
- 416.4 Location – keep as shown in the 2024 UPC
- 416.5 Drain – keep as shown in the 2024 UPC

## 417.0 Faucets and Fixture Fittings

- 417.1 Application – keep as shown in the 2024 UPC
- 417.2 Deck Mounted Bath/Shower Valves – keep as shown in the 2024 UPC
- 417.3 Handheld Showers – keep as shown in the 2024 UPC
- 417.4 Faucets and Fixture Fittings with Hose Connected Outlets – keep as shown in the 2024 UPC
- 417.5 Separate Controls for Hot and Cold Water – keep as shown in the 2024 UPC
- 417.6 Low-Pressure Water Dispenser – keep as shown in the 2024 UPC
- 417.7 Head Shampoo Sink Faucets – keep as shown in the 2024 UPC
- 417.8 Footbaths and Pedicure Baths – keep as shown in the 2024 UPC

## 418.0 Floor Drains

- 418.1 Application – keep as shown in the 2024 UPC
- 418.2 Strainer – keep as shown in the 2024 UPC
- 418.3 Location of Floor Drains – **Revisit after RFA is received**
- 418.4 Food Storage Areas – keep as shown in the 2024 UPC
- 418.5 Floor Slope – keep as shown in the 2024 UPC
- 418.6 Elevator Pit Drain – leave as amended in the 2020 MN Plumbing Code
- 418.7 Garage and Parking Area Floor Drains – leave as amended in the 2020 MN Plumbing Code

## 419.0 Food Waste Disposers

- 419.1 Application – keep as shown in the 2024 UPC
- 419.2 Drainage Connection – keep as shown in the 2024 UPC
- 419.3 Water Supply – keep as shown in the 2024 UPC

## 420.0 Sinks

- 420.1 Application – keep as shown in the 2024 UPC
- 420.2 Water Consumption – keep as shown in the 2024 UPC

- 420.3 Pre-Rinse Spray Valve – keep as shown in the 2024 UPC
- 420.4 Waste Outlet – **RFA PB0163 submitted by Scott Thompson** – the Committee unanimously agreed to leave as amended in the 2020 MN Plumbing Code

### 421.0 Floor Sinks

- 421.1 Application – keep as shown in the 2024 UPC
- 421.2 Strainers – keep as shown in the 2024 UPC

### 422.0 Minimum Number of Required Fixtures

- 422.1 Fixture Count – leave as amended in the 2020 MN Plumbing Code
- Table 422.1 – Delete in its entirety
- 422.1.1 Fixture Calculations – remove from 2024 UPC
- 422.1.2 Single Use, Family or Assisted-Use Toilet, and Bathing Facilities – remove from 2024 UPC
- 422.2 Separate Facilities – remove from 2024 UPC
- 422.3 Fixture Requirements for Special Occupancies – leave as amended in the 2020 MN Plumbing Code
- 422.4 Toilet Facilities Serving Employees and Customers – leave as amended in the 2020 MN Plumbing Code
- 422.5 Toilet Facilities for Workers – leave as amended in the 2020 MN Plumbing Code
- 422.6 Water Closet Compartment – Delete in its entirety
- 422.7 Urinal Partitions – Delete in its entirety

### 423.0 Trench Drains

- 423.1 Trench Drains – amend the 2020 MN Plumbing Code with addition of underlined language as follows: **423.1 Trench Drains.** Trench drains shall comply with ASME A112.6.3, ASME A112.3.1, or be constructed of watertight material and watertight joints, and be tested for watertightness by filling with water to the level of the flood rim of the trench drain. The duration of the test shall not be less than 15 minutes.

**The Committee will begin reviewing Chapter 5 at the next meeting.**

- B. Review/discuss [RFA's submitted](#), if applicable
  - A. RFA PB0163 – Scott Thompson
  - B. RFA PB0164 – Lew Anderson
  - C. RFA PB0166 – Lowry Engineering

## 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.

- 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 Parizek, to adjourn the meeting at 11:42 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.