

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

Date: June 5, 2024
Time: 9:00 a.m.
Minutes by: Lyndy Logan
Location: 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)
Thomas Eisert (DLI) – WebEx
Steve Neubel (DLI) – WebEx

DLI Staff & Visitors continued...

Lew Anderson (City of Minneapolis) – WebEx
Steve Fernlund (City of St. Paul)
Brad Harrison (Ferguson) – WebEx
Lori Jansen (MNWQA) – WebEx
Mike Johnson (J Berd Mech)
Jason Kruger (Kruger Consulting) – WebEx
Stephanie Menning (MUCA) – WebEx
Pete Moreau (Adspipe) – WebEx
David Nickelson (Uponor) – WebEx
Bradley Peters (Rochester Comm. Dev.) – WebEx
Gary Thaden (MMCA) – WebEx
Scott Thompson (My Plumbing Training) – WebEx

1. Call to Order

- A. The meeting was called to order by Board Chair Becker at 9:01 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 April 30, 2024, minutes as presented. The vote was unanimous with 4 votes in favor; the motion carried.

4. Regular Business

No expense reports.

5. Special Business

A. [Review/discuss RFA's submitted](#), if applicable

a. RFA PB0161 – Karl Abrahamson (Chapter 3)

- **Feb. 7, 2024: Abrahamson pulled RFA – will research and re-submit**

b. RFA PB0163 – Scott Thompson (Section 420.4)

- March 6, 2024: Committee unanimously agreed to leave as amended in the 2020 MN Plumbing Code.

c. [RFA PB0164](#) – Lew Anderson (Section 205.0, 407.3, Table 702.1, 704.3)

- **June 5, 2024 – reviewed with Chapter 7: Lew Anderson, City of Minneapolis, summarized his RFA – see Committee's recommendations shown below.**
 - Committee accepted as presented:
 - Under section 205.0 in the definitions, add entry for “Commercial Hand Wash Sink” – with a suggested definition of: “A sink in a commercial kitchen or food service area which is primarily used for hand washing.”
 - Committee accepted as presented with the following revisions:
 - Table 701.2 - In Table 702.1, under sinks, add new line item entry for "Commercial hand wash" directly below the existing entry for "Commercial pot or scullery" - assign to “Commercial hand wash” a minimum size trap and trap arm of 1-1/2", ~~assign footnote 2 for a 2" drain~~, assign 1.0 ~~2.0~~ DFU under both the columns of Public and Assembly.
 - Committee accepted as presented:
 - Under Section 407.3, revise first paragraph to read: **407.3 Limitation of Hot Water Temperature for Public Lavatories and Hand Wash Sinks.** Hot water delivered from public-use lavatories and commercial hand wash sinks shall be limited to a maximum temperature of 110 degrees Fahrenheit (43 degrees Celsius). The maximum temperature shall be regulated by one of the following means:
 - Committee did not accept recommended language and instead agreed to leave 704.3 as amended in the 2020 MN Plumbing Code.

d. [RFA PB0165](#) – Lew Anderson (Section 311.1)

- **April 30, 2024: Committee stated they will review language at a later date and building code experts will be involved in the meeting discussion.**
 - **Proposed language for section 311.1, revise second paragraph to read:** Every building shall have its own independent water and sewer ~~connection~~ services except that a group of buildings may be connected to one or more sewer manholes on the premises that are constructed to standards set by the Authority Having Jurisdiction. Water and sewer piping shall not be routed below or through one townhouse unit to serve another townhouse unit.

- e. [RFA PB0166](#) – Lowry Engineering (Chapter 11)
 - **Review with Chapter 11**
 - f. [RFA PB0167](#) – Kyle Dimler (Section 310.5)
 - **Review with Chapter 11**
 - g. RFA PB0168 – Jeffrey Hill (Section 611.0)
 - **April 30, 2024: Hill summarized his proposed language, page 10 & 11. The Committee asked Hill to revise language (include sizing criteria) and re-submit his RFA.**
 - h. [RFA PB0169](#) – Daniel Currence (Table 702.3, Table 1102.4)
 - **Review with Chapter 11**
 - i. [RFA PB0170](#) – Eric Thompson (Chapter 10, Section 1014.2)
 - **Review with Chapter 10**
- B. Continue review/discussion beginning with chapter 6, section 609.11, of the 2024 Uniform Plumbing Code (UPC), and any tangential sections, and as time permits, chapters 7 & 8; discuss possible rulemaking recommendation to the Plumbing Board.

Chapter 6

609.0 Installation, Testing, Unions, and Location

- 609.11 – **table, Becker will submit an RFA**
- 609.11.1 – keep as shown in the 2024 UPC
- 609.12 – delete in its entirety in the 2024 UPC
- 609.12 – Water Meters – keep as amended in the 2020 MN Plumbing Code
- 609.12.1 – delete in its entirety in the 2024 UPC
- 609.12.2 – delete in its entirety in the 2024 UPC

610.0 Size of Potable Water Piping

- 610.1 – keep as shown in the 2024 UPC
- 610.2 – keep as shown in the 2024 UPC
- 610.3 – keep as shown in the 2024 UPC
- 610.4 – keep as shown in the 2024 UPC
- 610.5 – keep as amended in the 2020 MN Plumbing Code and re-visit when reviewing the Appendix section
- 610.6 – keep as shown in the 2024 UPC
- 610.7 – keep as shown in the 2024 UPC
- 610.8 – keep as shown in the 2024 UPC
 - Table 610.3 – keep table as shown in the 2024 UPC with the 2020 MPC changes to lavatory and note 6 – **will revisit if an RFA is submitted**

- Table 610.4 – keep as shown in the 2024 UPC with the following change: “building supply and branches” should read “Water Distribution Pipe.” The question was raised from Scott Thompson about using PE piping after the meter, he suggested adding a note to the table. Committee discussed with Mr. Thompson and stated that note #1 for Table 604.1 should cover his concern.
- 610.9 – keep as shown in the 2024 UPC
- 610.10 – keep as shown in the 2024 UPC
- 610.11 – Keep as shown in the 2024 UPC
- 610.12 – keep as shown in the 2024 UPC
- 610.12.1 – keep as shown in the 2024 UPC
- 610.12.2 – keep as shown in the 2024 UPC
- 610.13 – keep as shown in the 2024 UPC

611.0 Drinking Water Treatment Units

- 611.1 – 611.4 table, review with Jeffrey Hill’s revised RFA

612.0 Residential Fire Sprinkler Systems

- 612.1 – leave as amended in the 2020 MN Plumbing Code (other tables would be deleted)

Chapter 7

701.0 Materials

- 701.0 – keep as shown in the 2024 UPC
- 701.1 – keep as shown in the 2024 UPC
- 701.2 – **Note 2 – table, Westemeier will submit an RFA. Will keep all other notes as shown in the 2024 UPC**
- 701.3 – keep as shown in the 2024 UPC
- 701.3.1 – keep as shown in the 2024 UPC
- 701.3.2 – keep as shown in the 2024 UPC
- 701.3.3 – keep as shown in the 2024 UPC
- 701.4 – keep as shown in the 2024 UPC
- 701.5 – keep as shown in the 2024 UPC
- 701.6 & Table 701.6 – keep as shown in the 2024 UPC
- 701.7 & Table 701.7 – keep as shown in the 2024 UPC

702 Fixture Unit Equivalents

- 702.1 – keep as shown in the 2024 UPC
- Table 701.2 – keep as shown in the 2024 UPC
- Table 702.1 – keep as shown in the 2024 UPC with the following change: Footnote 8 should read as Footnote 7 in the 2020 MN Plumbing Code. Keep pot or scullery from the 2020 MPC. Add commercial handwash sink with 1 ½ trap and drain with 1 DFU. Do not need to define Lavatories in sets. Amend note 6 to say “deleted” – **will review if an RFA is submitted**
- Table 702.1(1) – keep as shown in the 2024 UPC
- 702.2 – keep as shown in the 2024 UPC

- Table 702.2 – keep as shown in the 2024 UPC
- 702.3 – keep as shown in the 2024 UPC

703.0 Size of Drainage Piping

- 703.1 – keep as shown in the 2024 UPC
- 703.2 – keep as shown in the 2024 UPC
 - Table 703.2 – keep as shown in the 2024 UPC
- 703.3 – keep as shown in the 2024 UPC – **revisit if Appendix C is deleted**

704.0 Fixture Connections (Drainage)

- 704.1 – keep as shown in the 2024 UPC
- 704.2 – keep as shown in the 2024 UPC
- 704.3 – discussed with RFA section above
- 705.1 – keep as shown in the 2024 UPC
- 705.1.2 – keep as shown in the 2024 UPC
- 705.1.3 – keep as shown in the 2024 UPC
- 705.2 – keep as shown in the 2024 UPC
- 705.2.1 – keep as shown in the 2024 UPC
- 705.2.2 – keep as shown in the 2024 UPC
- 705.3 – keep as shown in the 2024 UPC
- 705.3.1 – keep as shown in the 2024 UPC
- 705.3.2 – keep as shown in the 2024 UPC
- 705.3.3 – keep as shown in the 2024 UPC
- 705.4 – keep as shown in the 2024 UPC
- 705.5 – keep as shown in the 2024 UPC
- 705.5.1 – keep as shown in the 2024 UPC
- 705.5.1.1 – keep as shown in the 2024 UPC
- 705.1.1.2 – keep as shown in the 2024 UPC
- 705.1.3 – keep as shown in the 2024 UPC
- 705.6 – keep as shown in the 2024 UPC
- 705.6.1 – keep as shown in the 2024 UPC
- 705.6.2 – keep as shown in the 2024 UPC
- 705.6.3 – keep as shown in the 2024 UPC
- 705.7 – keep as shown in the 2024 UPC
- 705.7.1 – keep as shown in the 2024 UPC
- 705.7.2 – keep as shown in the 2024 UPC
- 705.8 – keep as shown in the 2024 UPC
- 705.8.1 – keep as shown in the 2024 UPC
- 705.9 – keep as shown in the 2024 UPC
- 705.9.1 – keep as shown in the 2024 UPC
- 705.9.2 – keep as shown in the 2024 UPC
- 705.9.3 – keep as shown in the 2024 UPC
- 705.9.4 – keep as shown in the 2024 UPC
- 705.10 – keep as shown in the 2024 UPC
- 705.10.1 – keep as shown in the 2024 UPC

- 705.10.2 – keep as shown in the 2024 UPC
- 705.10.3 – keep as shown in the 2024 UPC
- 705.10.4 – keep as shown in the 2024 UPC

At the next meeting, the Committee will continue review/discussion beginning with chapter 7, section 706.1, of the 2024 Uniform Plumbing Code (UPC), and any tangential sections, and as time permits, chapters 8 & 9, and discuss possible rulemaking recommendation to the Plumbing Board.

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.

- June 25, 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 11:30 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.