

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

Date: April 30, 2024
Time: 9:00 a.m.
Minutes by: Lyndy Logan
Location: **Minnesota 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
Steve Neubel (DLI)
Chuck Olson (DLI)

DLI Staff & Visitors continued...

Anita Anderson (MDH) – WebEx
Lew Anderson (City of Minneapolis) – WebEx
Jake Brunoehler (Adspipe) – WebEx
Steve Fernlund (City of St. Paul)
John Galt – WebEx
Jeff Hill (MNWQA)
Lori Jansen (MNWQA) – WebEx
Tyson Jenkins (City of Plymouth) – WebEx
Mike Johnson (J Berd Mech)
Larry Justin (KFI) – WebEx
Stephanie Menning (MUCA) – WebEx
Pete Moreau (Adspipe) – WebEx
Bradley Peters (Rochester Comm. Dev.)
David Radziej (MN PHCC)
Mark Scholle (Prinsco) – WebEx
Gary Thaden (MMCA) – 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 Abrahamson, seconded by Westemeier, to approve the April 3, 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
 - **Feb. 7, 2024: Abrahamson pulled his RFA – he will research and re-submit a revised RFA.**
- 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 407.3)
 - **Will review with Chapter 7**
- 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**

B. Continue review/discussion beginning with chapter 6, section 604.0, 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

604.0 Materials

- 604.1 – keep as shown in the 2024 UPC
- 604.1 Table – keep as shown in the 2024 UPC
- 604.2 – keep as shown in the 2024 UPC
- 604.2.1 – keep as shown in the 2024 UPC
- 604.3 – keep as shown in the 2024 UPC
- 604.4 – keep as shown in the 2024 UPC
- 604.5 – leave as amended in the 2020 MN Plumbing Code

- 604.6 – keep as shown in the 2024 UPC
- 604.7, 604.8, 604.9, 604.10, 604.10.1, 604.11, 604.12, 604.13 – keep as shown in the 2024 UPC

605.0 Joints and Connections

- 605.1, 605.1.1, 605.1.2 – keep as shown in the 2024 UPC
- **605.1.3 – circle back, review compression standards**
- 605.1.3.1, 605.1.3.2, 605.1.3.3, 605.1.4, 605.1.5, 605.2, 605.2.1, 605.2.1.1, 605.2.2, 605.2.3, 605.3, 605.3.1, 605.3.2, 605.3.2.1, 605.4, 605.4.1, 605.4.2, 605.5, 605.5.1, 605.5.2, 605.6, 605.6.1, 605.6.1.1, 605.6.1.2, 605.6.1.3, 605.6.1, 605.6.1.2, 605.6.1.3, 605.6.2, 605.7, 605.7.1 – keep as shown in the 2024 UPC
- 605.7.1.1 – **circle back, Committee will complete an RFA**
- 605.8, 605.8.1, 605.9, 605.9.1, 605.9.2, 605.9.3, 605.10, 605.10.1, 605.10.1.1, 605.11, 605.11.1, 605.11.2, 605.11.3 – keep as shown in the 2024 UPC
- 605.12, 605.12.1, 605.12.2, 605.12.3, 605.13, 605.13.1, 605.13.2, 605.14, 605.15, 605.16, 605.16.1, 605.16.2, 605.16.3, 605.16.2, 605.16.3 – keep as shown in the 2024 UPC

606.0 Valves

- 606.1 General – keep as shown in the 2024 UPC
- 606.2 – keep as shown in the 2024 UPC
- 606.3, 606.4, 606.5, 606.5.1, 606.6, 606.7, 606.8, 606.9 – keep as shown in the 2024 UPC

607.0 Potable Water Supply Tanks

- 607.1, 607.2 – keep as shown in the 2024 UPC
- 607.3 – keep as shown in the 2024 UPC
- 607.4 – leave as amended in the 2020 MN Plumbing Code but renumber
- 607.5 – leave as amended in the 2020 MN Plumbing Code but renumber
- 607.6 – keep as shown in the 2024 UPC

608.0 Water Pressure, Pressure Regulators, Pressure Relief Valves, and Vacuum Relief Valves

- 608.1 – keep as shown in the 2024 UPC
- 608.2 – keep as shown in the 2024 UPC
- 608.3 – keep as shown in the 2024 UPC
- 608.4 – keep as shown in the 2024 UPC
- 608.5 Discharge Piping – keep as shown in the 2024 UPC with revised item 3 and strike item 8, as follows:
 - The discharge piping serving a temperature relief valve, pressure relief valve, or combination of both shall have no valves, obstructions, or means of isolation and be provided with the following: (1) Not less than the size of the valve outlet and shall discharge full size to the flood level of the area receiving the discharge and pointing down. (2) Materials shall be rated at not less than the operating temperature of the system and approved for such use or shall comply with ASME

~~A112.4.1.(3) Discharge pipe shall discharge independently by gravity through an air gap into the drainage system or outside of the building with the end of the pipe not exceeding 2 feet (610 mm) and not less than 6 inches (152 mm) above the ground and pointing downwards. (3) discharge independently by gravity through an air gap to a safe place of disposal or within 18 inches of the floor. Relief valve drains shall not terminate in a building's crawl space;~~ (4) Discharge in such a manner that does not cause personal injury or structural damage. (5) No part of such discharge pipe shall be trapped or subject to freezing. (6) The terminal end of the pipe shall not be threaded. (7) Discharge from a relief valve into a water heater pan shall be prohibited. ~~(8) The discharge termination point shall be readily observable.~~

- 608.6, 608.7 – keep as shown in the 2024 UPC

609.0 Installation, Testing, Unions, and Location

- 609.1 – leave as amended in the 2020 MN Plumbing Code
- 609.2, 609.3, 609.4, 609.5, 609.6 – keep as shown in the 2024 UPC
- 609.6.1 – leave as amended in the 2020 MN Plumbing Code
- 609.7 – keep as shown in the 2024 UPC
- 609.8, 609.8.1, 609.8.2 – keep as shown in the 2024 UPC
- 609.8.3 – **circle back, review at later date with tabled items (recirculation) from Chapter 5**
- 609.9, 610.10 – keep as shown in the 2024 UPC

At the next meeting, the Committee will 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.

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 5, 2024, Washington Room
- 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 11:45 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.