

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

Date: Feb. 5, 2025
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 (Chair)
3. Justin Parizek
4. Mike Westemeier (DLI CO's Designee)

Committee Members Absent

None

DLI Staff & Visitors

Adam Case (Board Counsel, DLI)
Ken McGurran (backup Board Counsel, DLI)
Lyndy Logan (DLI)
Brad Jensen (DLI)
Dan Engsborg (Distributor Sales) – WebEx
Tom Eisert (DLI) – WebEx

DLI Staff & Visitors continued...

Steve Neubel (DLI) – WebEx
Lew Anderson (City of Mpls) – WebEx
Jason Bethke (City of Blaine)
Steve Fernlund (City of St. Paul)
John Galt (Dept. of Health) – WebEx
Brianna Hall (ASPE) – WebEx
Jeff Hill (MWQA) – WebEx
Stephanie Menning (MUCA) – WebEx
Bradley Peters (City of Rochester) – WebEx
Jim Peterson (MN PHCC)
David Radziej (MN PHCC)
Gary Thaden (MMCA/NECA)
Jerry Thompson (Spears Mfg.) – WebEx
Scott Thompson (My Plumbing Training)
Chad Whiting (U of M) – WebEx

1. Call to Order

- A. Committee Chair Becker called the meeting to order at 9:04 a.m. Committee Secretary Abrahamson took a roll call, and a quorum was declared with 4 of 4 Committee members present in person.
- B. Announcements/Introductions
 - Everyone present in person and remotely can 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 Jan. 2, 2025, minutes as presented. The vote was unanimous with 4 votes in favor; the motion carried.

4. Regular Business

No expense reports.

5. Special Business

[Review and discuss the outstanding RFA numbers](#) PB0161, PB0181, PB0182, PB0184, PB0185, PB0186, PB0187, PB0188, PB0189, PB0190, and tabled section MPC 601.2.2 Hot Water Circulation and related RFAs. If time allows, we'll review appendices, related items, and tabled items and schedule any outstanding RFAs or tabled items. Additionally, the Committee may discuss potential rulemaking recommendations for the Plumbing Board.

- A. [RFA PB0161](#) – Karl Abrahamson (Chapter 3) – Revised rec'd 6/18/2024
 - Feb. 5, 2025: **The Committee resolved to recommend the adoption of RFA PB0161.** In addition, the Committee (Abrahamson agreed) to revise the definition of dead leg in the 2024 UPC, Chapter 3, as follows: A section of potable water pipe which contains water that has no flow or does not circulate. If the section of pipe is greater than 4 times the diameter of the pipe served with a maximum of 24-inches, it is considered a dead leg and would require a method of flushing.
- B. [RFA PB0181](#) – Lew Anderson, City of Mpls (Chapter 8) – Rec'd 10/3/2024
 - Feb. 5, 2025: **The Committee resolved not to recommend RFA PB0181 for adoption.**
- C. [RFA PB0182](#) – Lew Anderson, City of Mpls (Chapter 6, Section 601.3.3) – Rec'd 10/3/2024
 - Feb. 5, 2025: **The Committee resolved to recommend the adoption of RFA PB0182.**
- B. [RFA PB0184](#) – Jim Peterson (Chapter 10) – Rec'd 11/4/2024 | **Revised 2/5/2025**
 - Feb. 5, 2025: **The Committee resolved to recommend the adoption of RFA PB0184 as revised (Peterson agreed).**
- F. [RFA PB0185](#) – Tom De Genaro (Table 710.2) – Rec'd 11/25/2024
 - Feb. 5, 2025: **The Committee resolved not to recommend RFA PB0185 for adoption.**
- G. [RFA PB0186](#) – Karl Abrahamson (Chapter 4) – Rec'd 12/3/2024
 - Feb. 5, 2025: **The Committee resolved to recommend the adoption of RFA PB0186.**
- H. [RFA PB0187](#) – Brad Jensen (Chapter 4) – Rec'd 12/30/2024 | **Revised 2/5/2025**
 - ***The Committee accepted RFA PB0187 with the following revision (Jensen agreed) to read: The elevator drain and pump requirements shall be per Minnesota Building Code and Minnesota Rules Chapter 1307.***
- I. [RFA PB0188](#) – Brad Jensen (Chapter 10) – Rec'd 12/30/2024 | **Revised 2/5/2025**
 - Feb. 5, 2025: **The Committee resolved to recommend RFA PB0188 as revised for adoption. Based on this recommendation, the Committee observed a need to circle back and review the current code section 1014.1.2.**
- J. [RFA PB0189](#) – Brad Jensen (Chapter 4) – Rec'd 12/30/2024 | **Revised 2/5/2025**
 - Feb. 5, 2025: **The Committee resolved to recommend for adoption RFA PB0189 as amended.**

The Committee broke for lunch from 11:15 a.m. to 12:20 p.m.

- K. [RFA PB0190](#) – Richard Becker (Chapter 6, Section 601.2.2) – Rec'd 2/4/2025 | **Revised 2/5/2025**
 - Feb. 5, 2025: **Tabled until March 5, 2025**

The outstanding RFAs were reviewed or scheduled as shown below:

- A. [RFA PB0168](#) – Jeffrey Hill (Section 611.0) – Chapter 6 – Revised at 11/6/2024 meeting
 - Feb. 5, 2025: **Review on March 5, 2025**
 - Table 611.4 – Accept as presented, **except the “Notes” portion. This section was tabled and will be reviewed with appendices.**
 - 611.6 Isolation and By-pass – **tabled. Review at the meeting on March 5, 2025**
- B. [RFA PB0169](#) – The Plastics Pipe Institute (Chapters 2 and 11) updated RFA PB0169 on Jan. 24, 2025, to include pages 33-39 submitted by Pete Moreau of Advanced Drainage Systems. **The original RFA was not recommended for adoption by the Committee, which noted at the meeting on Feb. 5, 2025, that the previously discussed letter from IAPMO would be required before reconsidering the RFA.**

The appendices below were reviewed as follows:

- Appendix A, Recommended Rule for Sizing the Water Supply System – **recommend keeping as shown in the 2024 UPC**
- Appendix B, Explanatory Notes on Combination Waste and Vent Systems – **recommend keeping as shown in the 2024 UPC**
- Appendix C, Alternate Plumbing Systems – **recommend not to adopt the 2024 UPC**
- Appendix D, E, F, G, H – **all are set for removal**
- Appendix I, Installation Standards
 - Trenchless Insertion of Polyethylene (PE) Pipe for Sewer Laterals – **recommend keeping as shown in the 2024 UPC.**
 - Installation Standard for PEX Tubing Systems for Hot-and Cold Water Distribution – **recommended to keep as shown in the 2024 UPC**
 - Thrust Blocking for Rubber Gasketed and Solvent Cement Joints – **recommend keeping as shown in the 2024 UPC**
 - 2022 TCNA Handbook for ceramic, glass, and stone tile installation – **tabled until a later date**
- Appendix L, Sustainable Practices – **recommend not to adopt 2024 UPC**
- Appendix N, Impact of Water Temperature on the Potential for Scalding and Legionella Growth – **recommend not to adopt 2024 UPC**

The tabled items listed below were reviewed or scheduled for review on March 5, 2025:

Tabled Codes:

- 411.4 Personal Hygiene Devices – **DLI will submit an RFA for review on March 5, 2025**
- MPC 601.2.2 Hot Water Circulation – **Becker will resubmit RFA PB0190 for review on March 5, 2025**
- 609.11 Water Hammer – recommend to leave as shown in the 2020 MN Plumbing Code
- 701.2 Drainage Piping – **Westemeier will submit RFA for review on March 5, 2025**
- 719.6 Manholes – leave as amended in the 2020 MN Plumbing Code
- 1014.3.4, Location – **Westemeier will submit RFA for review on March 5, 2025**
- 1017.1 Oil and Flammable Liquid Interceptors – **Parizek to submit RFA for March 5, 2025**
- 1017.2 Interceptor Design Alternatives – **Becker to submit RFA for March 5, 2025**
- 1101.12.2.2.2 Combined System – **Becker to submit RFA for March 5, 2025**

Remaining Chapters to Review (Chapters 15 and 16 to be reviewed on April 2, 2025)

- Chapter 17 Referenced Tables – **if time allows review at the meeting on March 5, 2025**

The following tabled definitions, codes, appendices, and Chapters 15 and 16 will be reviewed at the meeting on April 2, 2025, as follows:

Tabled Definitions

- Diverter Valve, Gray Water – will review with Chapter 15
- Ground Water – will review with Chapter 15
- Mulch – will review with Chapter 15
- Mulch Basin – will review with Chapter 15

Tabled Codes:

- 1106 Siphonic Roof Drainage System – **Becker to submit RFA for review on April 2, 2025**

Tabled Appendices:

- Appendix K, Potable Rainwater Catchment Systems – **discuss with Chapter 15**
- Appendix S, Onsite Storm Water Treatment Systems – **tabled until Chapter 15 is reviewed, along with other water reuse systems**

Chapters:

- Chapter 15 Alternate Water Source – **review at meeting on April 2, 2025**
- Chapter 16 Nonpotable Rainwater Catchment Systems – **review at meeting on April 2, 2025**

The outstanding tabled items below must be scheduled for review:

Tabled Codes/Appendices

- 603.5.6 Protection from Lawn Sprinkler – **DLI waiting for information.**
- Appendix I, Installation Standards
 - 2022 TCNA Handbook for ceramic, glass, and stone tile installation – **tabled until a later date**

At the next meeting, [review and discuss RFA numbers](#) PB0168, and PB0190, as well as new RFAs concerning sections 411.4, 601.2.2 (PB0190), 701.2, 1014.3.4, 1017.1, 1017.2, and 1101.12.2.2.2. If time permits, start reviewing Chapter 17. Schedule tabled items and any outstanding RFAs. The Committee may also consider discussing potential rulemaking recommendations for the Plumbing Board.

6. Announcements

- The Committee has scheduled upcoming meetings, and notices will be distributed to the Plumbing Board's interested parties one week in advance. To be added to this email group, please send your request to lyndy.logan@state.mn.us
- Meetings will be held in person at DLI in the Minnesota Room unless otherwise noted. Remote attendance options include WebEx and phone. Meetings will start at 9 a.m. and may extend past noon, concluding by 3 p.m. **Please check future agendas for updates.**
 - March 5, 2025 (Washington Room)
 - April 2, 2025
 - May 7, 2025
 - June 4, 2025 (Isanti Room)
 - July 2, 2025
 - Aug. 6, 2025 (Isanti Room)
 - Sept. 3, 2025 (Washington Room)

7. Adjournment

A motion was made by Abrahamson, seconded by Parizek, to adjourn the meeting at 1:58 p.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.