

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

Date: Nov. 6, 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 (Chair) – WebEx
3. Justin Parizek
4. Mike Westemeier (DLI CO’s Designee)

Lew Anderson (City of Mpls) – WebEx  
Nick Erickson (Housing First)  
Steve Fernlund (City of St. Paul)  
John Galt (Dept. of Health) – WebEx  
Julie Hagstrom (HGA Architects) – WebEx  
Jeff Hill (MWQA)

## Committee Members Absent

None

Mike Johnson (J-Berd Mech)  
Jim Kendzel (JCK Consulting)  
Jason Kruger (Kruger Consulting) – WebEx  
*Stephanie Menning (MUCA) – WebEx*  
Pete Moreau (Adspipe) – WebEx  
Ryan SanCartier (MMCA/NECA) – WebEx  
Mark Scholle (Prinsco) – WebEx  
Brian Soderholm (Water Control Inc.) – WebEx  
Rick Wahlen (Plumbing Board member) – WebEx  
Chad Whiting (U of M)

## DLI Staff & Visitors

Adam Case (Board Counsel, DLI) – WebEx  
Lyndy Logan (DLI)  
Brad Jensen (DLI)  
Tom Eisert (DLI) – WebEx  
Hannah Mardaus (DLI) – WebEx  
Steve Neubel (DLI)  
Chad Payment (DLI) – WebEx

## DLI Staff & Visitors continued...

### 1. **Call to Order**

- A. The meeting was called to order by Committee Chair Becker at 9:01 a.m. Committee Secretary Abrahamson took 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 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 Oct. 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

Review and discuss the outstanding RFA numbers PB0168, PB0173, PB0175, PB0180, PB0181, and PB0182. If time permits, address the appendices and related sections and schedule the following outstanding RFAs for further review and discussion: PB0161, PB0166, PB0167, PB0169, PB0170 (December), PB0174, PB0176, PB0178, PB0179, and PB0184. Discuss potential rulemaking recommendations for the Plumbing Board.

- [RFA PB0168](#) – Jeffrey Hill (Section 611.0) – Chapter 6 – **Revised at 11/6/2024 meeting**
  - 611.1 Application – leave as amended in the 2020 MN Plumbing Code
  - 611.1.1 – accept language as presented with the words “residential” and “CAN” stricken and add Water Softeners NSF/ANSI 44, as shown below.
  - Manufacture and Assembly. Water conditioning equipment shall: (1) be manufactured as a complete system; or (2) be assembled as a complete system by a licensed plumbing contractor or licensed water conditioning contractor, using various types of water conditioning equipment. Wetted surface materials used in ~~residential~~ water conditioning equipment shall comply with ANSI/NSF 61 standards, or the equipment shall comply with the applicable ANSI/NSF standards as listed in table 1701.1:

<u>Filters (aesthetic)</u>	<u>NSF/ANSI 42</u>
<u>Filters (health claims)</u>	<u>NSF/ANSI 53</u>
<u>Ultraviolet Disinfection</u>	<u>NSF/ANSI 55</u>
<u>Reverse Osmosis</u>	<u>NSF/ANSI/<del>CAN</del> 58</u>
<u>Distillation</u>	<u>NSF/ANSI 62</u>
<u>Alkaline Water</u>	<u>IAPMO/IGC 322</u>
<b><u>Water Softeners</u></b>	<b><u>NSF/ANSI 44</u></b>
  - Exception – leave as amended in the 2020 MN Plumbing Code
  - 611.1.2 Labeling – leave as amended in the 2020 MN Plumbing Code
  - 611.2 Air Gap Discharge – leave as amended in the 2020 MN Plumbing Code
  - 611.3 Connection Tubing – leave as amended in the 2020 MN Plumbing Code
  - 611.4 ~~Sizing of Residential Softeners~~ Water Conditioners – accept as presented
    - 611.4.1 Sizing – accept as presented
    - Table 611.4 – accept as presented with the exception of the Notes – **these were tabled until appendices are reviewed**
    - 611.4.2 – accept as presented with the following stricken language:
      - Chloride Discharge. Residential water softeners shall be sized, designed, and programmed for salt efficiency and to minimize excess discharge of chloride. Softeners shall include water meters, hardness sensors, or other devices designed to initiate regeneration only when media is exhausted or when protection from media fouling is required. ~~Water softeners relying on time clocks alone for initiation of regeneration are prohibited.~~ Water softeners shall be labeled by the installer with efficiency information, including incoming water hardness as grains per gallon, softener capacity as gallons per regeneration, method of regeneration initiation, and salt use in pounds per regeneration.
    - 611.5 Scale Reduction Devices – accept as presented
    - 611.6 Isolation and By-pass – **tabled until at a later date**
- [RFA PB0173](#) – Scott Thompson (Chapter 6, Section 609.10) – Rec’d 6/27/2024
  - **Tabled until December meeting. Becker will submit an RFA.**

- [RFA PB0175](#) – Scott Yarwood, City of Mpls (Chapter 6, Section 603.5.14) – Rec’d 7/31/2024
  - The RFA was accepted as presented.
- [RFA PB0180](#) – Renee Eddy, Rinnai America (Chapter 5, Table 501.1 (2)) – Rec’d 9/30/2024
  - The Committee did not accept the RFA. The gallon per hour rate doesn’t appear to be adequate to determine the appropriate size. The submitter can re-submit their RFA if they would like to provide different information regarding instantaneous water heaters. The gallon per hour rate doesn’t appear to be adequate to determine the appropriate size.
- [RFA PB0181](#) – Lew Anderson, City of Minneapolis (Chapter 8) – Rec’d 10/3/2024
  - The RFA was tabled until Westemeier can provide input from the Mechanical Code TAG.
- [RFA PB0182](#) – Lew Anderson, City of Minneapolis (Chapter 6, Section 601.3.3) – Rec’d 10/3/2024
  - The RFA was tabled until ASME 13.1 can be reviewed. Abrahamson will reach out to IAPMO.

At the next meeting, the Committee will review and discuss outstanding RFA numbers PB0165, PB0170, PB0171, and PB0173, along with tabled items 603.5.18, 603.5.18.1, 605.1.3, 605.7.1.1, 609.8.3, and 719.6. If time permits, the Committee will also review appendices and related items, and schedule meeting dates to review and discuss outstanding RFA numbers PB0161, PB0166, PB0167, PB0169, PB0174, PB0176, PB0178, PB0179, and PB0184, as well as tabled items. Additionally, discuss potential rulemaking recommendations for the Plumbing Board.

**Tabled RFAs and sections to be reviewed at the December meeting:**

- RFA 165 – 311.1 Use of Public Sewer (review tabled item 311.1 with RFA)
- RFA 170 – 1014.2 Hydromechanical Grease Interceptors
- RFA 171 – 408 Shower pan liners (review tabled items 408.2 408.8.5-7.5 with RFA 171)
- RFA 173 – 609.10 Remove 609.11 from the 2024 UPC, replace with the current language (609.10) in the MN 2020
- 603.5.18 – Pure Water Process Systems. DLI staff to review and bring info to the meeting.
- 603.5.18.1 – Dialysis Water Systems, DLI staff to review and bring info to the meeting.
- 605.1.3 – Mechanical Joints. Brad/DLI staff to review and bring info to the meeting.
- 605.7.1.1 – Compression Joints. DLI staff to review and bring info to the meeting.
- 609.8.3 – Hot-Water Recirculating Pumps. DLI Staff to review and bring info to the meeting.
- 719.6 – Manholes. Brad/DLI to review and bring info to the meeting.

**The outstanding RFA’s below must be scheduled for a future discussion date.**

- [RFA PB0161](#) – Karl Abrahamson (Chapter 3) – Revised rec’d 6/18/2024
- [RFA PB0166](#) – Lowry Engineering (Chapter 11) – Revised rec’d 9.4.2024
  - Oct. 3, 2024: Waiting on information from IAPMO – need to schedule discussion date.
- [RFA PB0167](#) – Kyle Dimler (Section 310.5) – Rec’d 3/6/2024
  - Oct. 3, 2024: Waiting on information from IAPMO – need to schedule discussion date.
  - Sept. 4, 2024: Tabled, will announce at the October meeting when this RFA will be reviewed further. Kyle Dimler addressed the Committee. The Committee said there is no new information at this time, Abrahamson would like to review the upcoming 2027 UPC to see if this language will be addressed. If so, the Committee could review and possibly add to the 2024 UPC. If there is no new information to review, the Committee will defer to the Board’s decision.
- [RFA PB0169](#) – Daniel Currence (Table 702.3, Table 1102.4) – Rec’d 4/17/2024
  - Oct. 3, 2024: Waiting on information from IAPMO – need to schedule a discussion date.
- [RFA PB0174](#) – Minnesota Concrete Pipe Association (Chapter 11) – Rec’d 8/5/2024
  - Oct. 3, 2024: Waiting on information from IAPMO – need to schedule a discussion date.

- Sept. 4, 2024: Tabled, will review further once the 2027 UPC is available. Jason Kruger said his RFA is similar to the previously addressed RFA, PB0169. Kruger said this has been submitted to IAPMO, and approved, to be incorporated into the 2027 UPC.
- [RFA PB0176](#) – City of St. Paul (Appendix M) – Rec’d 8/16/2024
  - Nov. 6, 2024: The submitter requested their RFA be heard at the January meeting.
- [RFA PB0178](#) – Jarrett Purdue (Chapter 11) – Rec’d 9/4/2024
  - Oct. 3, 2024: Waiting on information from IAPMO – need to schedule a discussion date.
- [RFA PB0179](#) – Brad Harrison (Chapter 7) – Rec’d 9/30/2024
  - Oct. 3, 2024: Waiting on information from IAPMO – need to schedule a discussion date.
- [RFA PB0184](#) – Jim Peterson (Chapter 10) – Rec’d 11/1/2024
  - Nov. 6, 2024: Need to schedule a discussion date.

**The tabled items below must be scheduled for a future discussion date.**

- [RFA PB0168](#) – Jeffrey Hill (Section 611.0) – Chapter 6 – Revised at 11/6/2024 meeting
  - Table 611.4 – accept as presented with the exception of the Notes – these were tabled until appendices are reviewed
  - [611.6](#) Isolation and By-pass – tabled until at a later date
- [RFA PB0181](#) – Lew Anderson, City of Mpls (Chapter 8) – Rec’d 10/3/2024
  - The RFA was tabled until Westemeier can provide input from the Mechanical Code TAG.
- [RFA PB0182](#) – Lew Anderson, City of Mpls (Chapter 6, Section 601.3.3) – Rec’d 10/3/2024
  - RFA was tabled until ASME 13.1 can be reviewed. Abrahamson will reach out to IAPMO.

## 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 WebEx and phone options. Meetings begin at 9 a.m. and are expected to last 2-3 hours.

- Wednesday, December 4, 2024
- Thursday, January 2, 2025
- Wednesday, February 5, 2025
- Wednesday, March 5, 2025
- Wednesday, April 2, 2025

## 7. Adjournment

A motion was made by Abrahamson, seconded by Parizek, to adjourn the meeting at 11:24 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.