



## **MINUTES**

### **Premise Water Supply System Design Task Group - Meeting #4**

**Tuesday, February 8, 2022 from 8:00AM – 10:00AM (PT)**

<https://iapmo-org.zoom.us/j/84363377991>

**Meeting ID: 843 6337 7991**

#### **Members Present:**

Jim Kendzel, Chair  
Val Amezcua  
Samantha Barnes  
James Kemper  
Gary Klein  
John Koeller  
Markus Lenger  
Amir Tabakh

#### **Representation:**

American Supply Association  
City of LA Department of Water and Power  
Water Quality Association  
City of LA Department of Water and Power  
Gary Klein and Associates, Inc.  
Koeller and Co.  
CleanBlu Innovations Inc  
City of LA Department of Water and Power

#### **IAPMO Staff Present:**

Taylor Duran  
Dan Cole  
Enrique Gonzalez  
Zalmie Hussein  
Joshua Luo

#### **Title:**

Staff Liaison  
Sr. Director of Technical Services  
Plumbing Code Development Administrator  
Mechanical Code Development Administrator  
Project Engineer

- I. Call to Order.** The Chair, Jim Kendzel, called the meeting to order on Tuesday, February 8, 2022, at 8:01 AM (PT).
- II. Roll Call and Self-Introductions.** Taylor Duran welcomed the Task Group, took roll, and asked members to state their representation.
- III. Code of Conduct.** See page 42 of the [IAPMO Guide for Conduct Policy](#). Taylor Duran reviewed the IAPMO Guide for Conduct Policy.
- IV. Conflict of Interest.** See below for the IAPMO Conflict of Interest Policy. Taylor Duran reviewed the IAPMO Conflict of Interest Policy.
- V. Review and approval of the Agenda.** The Chair, Jim Kendzel, asked for approval of the agenda. The motion was made and seconded to approve the agenda. The motion passed.
- VI. Review and approval of the January 21, 2022, Meeting Minutes.** The Chair, Jim Kendzel, asked for approval of the January 21, 2022, Meeting Minutes. The motion was made and seconded to approve the minutes. The motion passed.

**VII. Scope of the Task Group.** Taylor Duran reviewed the Task Group scope as follows:  
*The scope of this task group is to investigate premise plumbing water supply system design provisions that would result in improved water quality and water- and/or energy-efficiency performance. Strategies to investigate include minimizing pipe sizes and lengths, strategically locating fixtures and appliances near each other and to the water heater, piping strategies to prevent or minimize stagnation, velocity minimums and maximums for water quality control, and technologies for leak detection devices. The recommendations provided by the task group will be forwarded to the WE-Stand Technical Committee for consideration in the development of the 2023 edition of the WE-Stand.*

**VIII. Goals for the meeting.**

A. Review draft recommendations.

- i. Section 409.0 (Leak Detection and Control)
  - The recommendation was approved for submittal.
  - The substantiation was drafted for review.
- ii. Chapter 5 (Peak Water Demand Calculator)
  - The recommendation was approved for submittal.
  - A technical justification/substantiation is needed.
- iii. Appendix C (Peak Water Demand Calculator – Examples)
  - The updated draft recommendation was reviewed.
  - An additional example for a multi-family dwelling was requested.
  - A technical justification/substantiation is needed.
- iv. Section 1003.7 (Maximum Hot Water System Ratio)
  - This recommendation will be reviewed at the next meeting.
  - A technical justification/substantiation is needed.
- v. Section 210.0 (Definitions)
  - This recommendation will be reviewed at the next meeting as it coincides with the proposed language for Section 1003.7.
  - A technical justification/substantiation is needed.
- vi. Chapter 10 (Water Heating Design, Equipment, and Installation)
  - Additional time was requested to complete the relocation of sections within Chapter 10. Therefore, the chapter reorganization review will be completed at the next meeting.
  - A technical justification/substantiation is needed.

B. Assign new action items.

**The Task Group agreed to the following action items:**

- Jim Kendzel and Gary Klein are to draft the substantiations for Chapter 5 and Appendix C recommendations.
- John Lansing and Gary Klein are to review the recommendations for Section 1003.7 and generate a substantiation for the proposed new section.
- Todd Kuchta is to reorganize the layout of provisions in Chapter 10 and provide a technical justification for such changes.
- Dan Cole is to generate a WDC example for multi-family dwellings including a figure and a short explanation.
- Taylor Duran is to update the draft recommendations and provide assistance as needed.

C. Address additional questions and concerns. **None.**

**IX. Future meetings.** The next teleconference meeting is scheduled for Tuesday, February 22, 2022, from 10:00 AM – 12:00 PM (PT).

**X. Other business.** **None.**

**XI. Adjourned.** The meeting was adjourned at 8:45 AM (PT).