MEMORANDUM

TO: All Interested Parties
FROM: Enrique Gonzalez, Staff Liaison
DATE: Friday, October 25, 2019
SUBJECT: Proposed TIA (Log No. 003-18) to UNIFORM PLUMBING CODE, Section 214.0 and 417.6.

In accordance with the IAPMO Regulations Governing Committee Projects, the attached proposed Tentative Interim Amendment (TIA) to the 2018 edition of the UNIFORM PLUMBING CODE is being submitted for public comment. The TIA (Log No. 003-18) is on UPC, Section 214.0 and 417.6.

We invite all interested parties to review the proposed TIA. If you wish to submit a comment in regards to this TIA, fill out the attached TIA Comment Form. Email the completed form to enrique.gonzalez@iapmo.org. The closing date for submitting comment forms for this TIA is Friday, November 1, 2019.

Thank you for your time and interest in the development of the Uniform Plumbing Code.

In accordance with the IAPMO Regulations Governing Committee Projects, a proposed TIA, which has been submitted for processing pursuant to 5-1 of the Regulations, will be automatically docketed as an appeal on the agenda of the IAPMO Standards Council. Any party may advocate their position before the Council. Please note that most Council Meetings are held via teleconference.

Parties wishing to address the Council shall notify the Council Secretary no later than 48 hours prior to the Council meeting. Although not required, parties wishing to advocate a position are encouraged, to the extent practicable, to file written submissions in general conformance with sections 1-6.3 and 1-6.4 of the Regulations in advance of the meeting at which action will be considered.

When an automatically docketed appeal has not been pursued by any party, the Council will not consider the matter as an appeal.

This TIA will be on the Standards Council Meeting Agenda scheduled on November 14, 2019.

Should you require assistance, please contact me at (909) 230-5535 or by email at enrique.gonzalez@iapmo.org.

Best Regards,

Enrique Gonzalez
FORM FOR TIA COMMENT ON IAPMO UPC/UMC COMMITTEE DOCUMENT

NOTE: All comments MUST be received by 5:00 PM PST on Friday, November 1, 2019.

For further information on the standards-making process, please contact Codes and Standards Administration at 909-472-4110

For technical assistance, please call IAPMO at 909-230-5535

Date: __________ Name: ________________________________ Telephone #: __________________________

Company: _______________________________________________________________________________________

Street Address: __________________________________ City: ___________________ State: ______ Zip: _______

Please Indicate Organization Represented (if any): _______________________________________________________

1. a) IAPMO Document Title: __________________ Uniform Plumbing Code __________ Document Year: ______ 2018 __________

   b) Section/Paragraph: __________________ Section 214.0 and 417.6

   c) Comment on TIA: __________________ UPC 003-18

2. Comment Recommends (check one): ☐ AGREE ☐ DISAGREE

3. Substantiation for Comment:

Signature (Required): ________________________________________________________________

Please use separate form for each comment.
INSTRUCTIONS FOR SUBMITTING COMMENTS
– PLEASE READ CAREFULLY –

1. Complete form digitally by filling in each item described.

2. Check the appropriate box to indicate whether this comment recommends agreeing or disagreeing with the proposed TIA.

3. In the space title “Substantiation for Comment”, state the reason for your comment.

4. Sign the comment. (Required)

NOTE: The IAPMO Regulations Governing Committee Projects in Section 5-4(c): All public comments, ballots, and comments on ballot on the proposed TIA shall be summarized in a staff report and forwarded to the Council for action in accordance with Section 5-5.
Proposed language for TIA:

417.0 Faucets and Fixture Fittings.
417.6 Low-Pressure Water Dispenser. Beverage faucets shall comply with ASME A112.18.1/CSA B125.1. Low-pressure water dispensers that dispense electrically heated water and have a reservoir vented to the atmosphere shall comply with ASSE 1023. Electric devices that heat water shall comply with UL 499.

214.0-L-
Low Pressure Water Dispenser. A terminal fitting located downstream of a pressure reducing valve that dispenses drinking hot water above 71 °C (160 °F) or cold water or both at a pressure of 105 kPa (15 psi) or less.

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<th>STANDARD TITLE</th>
<th>APPLICATION</th>
<th>REFERENCED SECTIONS</th>
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<td>ASSE 1023-2019</td>
<td>Electrically Heated or Cooled Water Dispensers</td>
<td>Appliances</td>
<td>417.6</td>
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<th>STANDARD NUMBER</th>
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<tr>
<td>ASSE 1023-1979</td>
<td>Hot Water Dispensers, Household Storage Type Electrical</td>
<td>Appliances</td>
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**Substantiation:**

**Technical Merit:**
The language matches proposal item #036, public comment #3 from the 2021 UPC Report on Comments. This comment was accepted at the Sept 23, 2019 assembly meeting and subsequent TC ballot. The goal of this TIA is to have the 2019 revision of ASSE 1023 included into Table 1701.1 of the 2021 UPC.

The referenced low-pressure water dispenser has been in use for some years and is specific to dispensing hot water and normally assembled to a kitchen sink. The recent revision to ASSE 1023 significantly clarifies the performance requirements and language within the standard for testing these dispensers.

While the scope of ASSE 1023 has expanded to other appliances, the 2021 UPC language in 417.6 is specific to only this product. Furthermore, currently certified products will be tested to the new 2019 revision of the standard by the time the 2021 UPC is released and adopted by jurisdictions.

**Emergency nature:**

*Section 5-2 item (a): The document contains an error or an omission that was overlooked during a regular revision process.*

The correct standard revision as released is ASSE 1023-2019 rather than ASSE 1023-1979. This revision was released towards the end of the 2021 UPC code cycle (Sept 2019). The language as proposed in Item 036 Public Comment #3 reads correctly for both the 1979 and 2019 revisions.

*Section 5-2 item (e): The proposed TIA intends to accomplish a recognition of an advance in the art of safeguarding property or life where an alternative method is not in current use or is unavailable to the public.*

The 2019 revision greatly clarifies the procedure to test for *Abnormal Discharge and Minimum Water Temperature* so that there can be better uniformity between various test labs. This includes defining the minimum dispensed temperature, operating temperature, and electrical requirements. The 2019 revision also adds requirements for backflow prevention, contaminant reduction, literature, and procedures differentiating between instant and continuous capacity for the consumer's benefit. The 2019 revision is a significant update for the safety of the consumer.

I hereby grant IAPMO all and full rights in copyright, in this proposal, and I understand that I acquire no rights in any publication of IAPMO in which this proposal appears in this or another similar or analogous form.

Submitter signature (required): [Signature]

Mail to: Codes Department · IAPMO · 4755 E. Philadelphia Street · Ontario · CA · 91761-2816
FAX: 909-472-4246

Date: /1/7/19