

**Plumbing Board  
Product and Code Review Committee  
Meeting Minutes  
April 23, 2008 – 9:30 a.m.  
Department of Labor and Industry  
443 Lafayette Road No., Saint Paul, MN 55155-4344  
[DLI.CCLDBOARDS@State.MN.US](mailto:DLI.CCLDBOARDS@State.MN.US)**

**Committee Members Present:**

John A. Parizek  
Lawrence Justin  
Karl Abrahamson  
Allen Lamm  
Randy Ellingboe (DLI Commissioner's Designee)

**Staff Present:**

Annette Trnka  
Jim Peterson  
Cathy Tran

**Board Members Present:**

None

**Committee Members Absent:**

None

**Visitors:**

Jim Paschal  
Dave Shusterich  
C.J. Scheff  
Carl Crimmins  
Matt Marciniak

**I. Call To Order**

The meeting was called to order by Lawrence Justin at 9:36 a.m. The Chair announced that the Committee will be taking a break at approximately 10:45.

**II. Approval of Meeting Agenda**

The Chair asked if there were any objections or changes to the Agenda. Justin stated item IV(A)(4) be moved to number one and item IV(A)(4) moved also to number (2) and the subsequent re-numbered. Parizek made a motion to accept, seconded by Lamm. The vote was unanimous and the motion passed. Lamm moved to accept the revised agenda, seconded by Parizek. The vote was unanimous and the motion passed.

**III. Approve Previous Minutes**

A. Lamm made a motion, seconded by Ellingboe to accept the previous Minutes. The vote was unanimous and the motion passed.

#### **IV. Special Business**

A. Preliminary review of outstanding Request For Action (RFA) items.

Committee will review the RFA and determine where the RFA will be directed to for further evaluation.

1. Amend MN Plumbing Code to reference ASME standard A112.12 – 2006 (Adjust-a-sink.) Submitted 12/3/07 by Accessible Systems. (File PB0021) Dave Schusterich presented. The Adjust-a-sink was granted provisional acceptance in 2000. It has a patented telescopic tail piece. It is used primarily in salons and care centers such as homes for the elderly. UPC listed 5496. It has approximately 1500 installations nation wide. It comes with a 2 year complete warranty. The Committee instructed Accessible Systems to provide the Board with:
  - i. ASME A112.19.12-2006 (complete) and provide an ASME A112.18.2-2005 / CSA B125.2-05.
  - ii. 4715.2420 – the reduction of waste pipe size is not acceptable, confirm how the UPC and IPC addresses this issue.
  - iii. Maintain a 2 inch P-Trap due to the concern of a possibility of obstruction of the waste pipe due to the product that is being discharged through the pipe (hair, shampoo, gel, etc.)
  - iv. Have DLI staff review the Standard and how it pertains to the “flexible waste system.” The concern is about a flexible P-Trap. (Section 2.4 of the Standard.)
  - v. Have Manufacturer review Section 4715 and provide recommendation on where they would prefer to have the fixture located (under joints and connections, or in a separate section under special plumbing fixtures, or create a new section under 4715.1430.)

A motion to give this information back to Submitters for them to present to DLI staff to give to Committee at the next meeting with the above items, made by Lamm, seconded by Ellingboe. The vote was unanimous and the motion passed.

The Committee took a break at 10:45 and reconvened at 11:01.

2. Amend 4715.0420 to include NSF14, NSF61, ASTM F 2389 and CSA B137.11 – polypropylene systems. Submitted 1/4/08 by Paschal Engineering (File PB0026.) Jim Paschal gave a presentation on the pipe sold by the AquaTherm Company. Items that were discussed at this meeting support spacing and the indication was that it is the same as CPVC and on our Code of 4715.1430, Subp. 4F, the 32 inch spacing for plastic pipes was not a concern to Presenter; the expansion rate is 1 ½ to 2 times to that of copper. (The presenter is to supply a

chart indicating expansion rate.); fusion welding during a retrofit or repair needs to be moisture free; and Factory Trained Installer is required by Manufacturer; leaching of pipe material into water supply was asked. Response was that it is not a problem, as per the test report. The Committee asked how resistant the product is to hydrocarbon permeation (gasoline.) The answer stated by Mr. Paschal was that it is similar to PVC or polyethylene. The Committee asked if this product has been approved in other States and how do other States use this for water service applications. The answer provided by Mr. Paschal was that it is in the Code for water service. The Committee stated they would like the following:

- i. Water service – provide additional information on the SDR-11. What fittings could be used to hook this up to the water main to provide the required flexibility and durability and the Minnesota Gopher State One Call tracer wire requirement.
- ii. Presenter is to provide minimum bend radius on each size / SDR rated pipe.
- iii. Presenter to provide documentation on their testing on the 95 degrees C comparable to 210 degrees F.
- iv. Presenter should provide the Board with wording to incorporate electro fusion connections to 4715.0800 mechanical joints. (Possibly add a Subpart 8.)
- v. Address CSA B137.11 in reference to NSF 61.
- vi. Confirm the repair as noted on the Fusiotherm pipe system handbook, page 3.13 Repair, meeting Code 4715.

Parizek moved that the Presenter get the above items ready for presentation back to the Committee. After discussion, Parizek amended his motion, and was seconded by Abrahamson that the Presenter amend his RFA, splitting it into an RFA for water distribution pipe and an RFA for water service pipe and give this information back to DLI staff to give to Committee at a future meeting with the above items. The vote was unanimous and the motion passed.

3. 4715.0420, Subp.1 3 and 4715.0510: CPVC for Water Service. (File PB0016/2-22-08.)

Parizek made a motion, seconded by Abrahamson, to move items 5 and 6 up on the Agenda. The vote was Aye by Abrahamson, Justin, Parizek, and Ellingboe. Lamm did not vote, as he had stepped away. The majority ruled and the motion passed.

4. Adopt NFPA 99C – Medical gas and vacuum systems. Submitted 1/4/08 by Minnesota Pipe Trades. (File PB0022)
  - i. Presenter is stating that medical facilities rely on the installers for proper installation. Most installation inspections fall on a

- third party verifier. The Committee states that it needs to be determined whether medical gas and vacuum systems (NFPA 99C) is under the authority of the Plumbing Board to adopt Rules. If it is determined that it's not under the Plumbing Board's authority, DLI staff should investigate on whose authority it would fall under. (DLI, or another State agency.)
- ii. The Committee needs verification on Plumbing Inspector's liability concerning the inspection of medical gas and vacuum systems. This may be addressed in ASSE 6020 Medical Gas Inspectors Professional Qualification Standards.
  - iii. Install qualifications (training programs) may be addressed in ASSE 6010 Medical Gas System Installers Professional Qualification Standards.

Justin made a motion that if IV(4)(i) is confirmed, then DLI staff needs to review IV(4)(ii) and IV(4)(iii) and report back to the Committee with their findings at a future meeting. Also, DLI staff is to provide recommendation on where the section would be placed in the Plumbing Code, and the motion was seconded by Parizek. The vote was unanimous and the motion passed.

5. Adopt NFPA 99C – Medical gas and vacuum systems, paragraph 5.1.10.6.11.1. Submitted 1/4/08 by Minnesota Pipe Trades. (File PB0023) See item IV(4).

A motion was made by Justin, seconded by Lamm to add the remaining items (IV(6) and IV(7)) to the next Committee meeting's Agenda and Committee members should review the RFAs in their packets so they are prepared for these items at the next meeting. Committee members should give to Annette any comments or questions to Presenters two weeks prior to the next meeting. The vote was unanimous and the motion passed.

6. 4715.0805 push-on joints. Submitted 10/12/07 by Elkhart Products Corporation. (File PB0019)
7. 4715.0420, Subpart 3, VI, 6C(4): Submitted 10/11/07 by Advanced Drainage Systems, Inc. Expand allowable diameter range for corrugated Polyethylene pipe. (File PB0020)

#### **V. Open Forum**

There were no requests for Open Forum.

## **VI. Discussion**

- A. New Request For Action items.
  - a. DLI to provide an updated list of RFAs for Committee to schedule review date.

## **VII. Announcements**

- A. Next Regularly Scheduled Meeting:
  - a. Wednesday, May 28, 2008, 12:30 p.m. – Minnesota Room, DLI

## **XI. Adjournment**

A motion was made by Parizek, seconded by Abrahamson to adjourn the meeting. The vote was unanimous and the motion passed. The meeting adjourned at 12:48 p.m.

Respectfully Submitted,

*Lawrence Justin*

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