

Meeting Minutes: Board of High-Pressure Piping Systems

Date: Thursday, Jan. 9, 2020 @ 10:00 a.m.
Minutes by: Lyndy Logan
Location: Minnesota Room, Department of Labor & Industry
443 Lafayette Rd. N., St. Paul, MN 55155

Attendance

Members Present

Kyle Bain
Marit Brock
David Carlson
Tim Daugherty (Vice Chair)
Todd Green (Commissioner's Designee)
Brett Kilbourne
Matt Marquis (Secretary)
Chris Savage
Russ Scherber (Chair)
Kent Schneider (via teleconference)
Mark Slagle
Mark Worms

Members Absent

Greg Pumper

DLI Staff & Visitors

Jeff Lebowski (Gen. Counsel, DLI)
Lyndy Logan (DLI)
Roger Thein (St. Paul Pipefitters JATC)
Jake Pettit (Mpls. Pipefitters)
Adam Hanson (ABC)
Pat McCullough (City of St. Paul)

1. Call to Order

The meeting was called to order at 10:02 a.m. by Chair Scherber and Secretary Marquis did roll call. Housekeeping announcements were made, and a quorum was met with 12 of 13 voting members present in person or via teleconference.

2. Approval of Meeting Agenda

A motion was made by Brock, seconded by Daugherty, to approve the agenda as presented. The roll call vote was unanimous with 12 votes in favor; the motion carried.

3. Approval of Previous Meeting Minutes

A motion was made by Savage, seconded by Worms, to approve the 10/10/2019 meeting minutes as presented. The roll call vote was unanimous with 12 votes in favor; the motion carried.

4. Regular Business

A. Licensing and permitting

Green gave a licensing update:

- 141 HPP licensed contractors, 352 master HPP pipefitters, 2,309 licensed HPP journey-workers, 683 registered unlicensed, and 327 pipefitter apprentices.
- 2019 pipefitter examinations: 196 journey-worker and 25 master.

- Journey-worker pass/fail rates (doesn't account for taking exam more than once):
 - 2017 – 72%
 - 2018 – 74%
 - 2019 – 67%.
- Master pass/fail rates (doesn't account for taking exam more than once):
 - 2017 – 61%
 - 2018 – 57%
 - 2019 – 48%

Green gave an HPP permitting update (does not include Minneapolis and St. Paul – they do their own permitting):

- 2019 – 447 permits
- 2018 – 433 permits
- 2017 – 462 permits

Since the new permitting system, iMS, launched in December 2019, 94% of HPP permits are completed online compared to 88% in the old system, eTrakit.

B. Continuing education

Nothing to report

5. Special Business

A. Reciprocity

Green said the department has no current reciprocity with any other states. Green referred to a handout from Institute for Justice. Lebowksi said the handout does not seem relevant per Minnesota's statutes. Bain asked if any other states have similar programs to Minnesota's and Green said he couldn't find any with similar licensing requirements.

B. iMS update – Todd Green

Green gave an iMS demonstration. HPP Permitting information can be found on the department's website at: <http://www.dli.mn.gov/business/get-licenses-and-permits/online-hpp-permit-instructions>. Boilers, manufactured structures, and elevators are expected to move from eTrakit to iMS in June 2020.

6. Complaints

Nothing brought forth

7. Open Forum

Nothing brought forth

8. Board Discussion

Joel Amato's last day of employment with the department was January 6, 2020. Joel took a position with the National Board. His position will be posted soon.

Mark Worms said there are manufacturers in the HPP industry on a national level that are compatible with CO2 systems. The IIAR has a 2018 CO2 handbook that would be a valuable technical resource for the Board/Industry. New to the handbook are updated design and installation

techniques, new information on trans-critical applications, inclusion of Thermodynamic and Thermophysical properties tables – IP and SI units, complete set of NIST PH diagrams – IP and SI units, and extensive section on volatile brine. Addendum A for the 2014 IIAR code was approved June 5, 2019; the next revision will be in 2020 and the Board can discuss.

Green said that HPP inspection staff will attend the IIAR Conference and Heavy Equipment Expo, March 15 – 18, 2020, in Orlando, Florida. Green said he would like to have one of his staff on a Committee to discuss the development of codes and standards for IIAR. Green added that currently the Board has no jurisdiction over CO2 systems – legislation would need to change for the Board to have any authority. Worms said there is a platform at the national level for CO2 and it is relevant to the industry.

Lebowski gave a rulemaking update on the State Building Code:

- Most of the chapters have been approved and adopted with an effective date of March 2020 or 5 days after publication of the adoption order, whichever is less, but no longer than 270 days per statute. The Elevator Code and Mechanical Code will have a different effective date as there were some issues.
- The Board of Electricity is currently working on the adoption of 2020 NEC with an expected effective date of July 1, 2020.
- The Federal Department of Energy requires a general informational hearing to receive stakeholder input and comments regarding adoption of the Residential Energy Code. There is an increase in efficiency, although it is only 2% or less but the public must be given the opportunity to weigh in. The hearing will be scheduled in April and May. Once a determination is made whether to open the code, there would be a separate hearing, if necessary, for any specific Minnesota amendments.
- The Commercial Energy Code has an effective date of March 2020.

9. **Announcements**

Next regularly scheduled 2020 meeting – 10:00 a.m. Thursday – Minnesota Room, DLI

- April 9, 2020

10. **Adjournment**

A motion was made by Daugherty, seconded by Marquis, to adjourn the meeting at 10:30 a.m. The roll call vote was unanimous with 12 votes in favor; the motion carried.

Respectfully Submitted,

Matthew Marquis

Matthew Marquis
Secretary