

Meeting Minutes: Board of High Pressure Piping Systems

Date: Thursday, Oct. 10, 2019 @ 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
Tim Daugherty (Vice Chair)
Todd Green (Commissioner's Designee)
Brett Kilbourne
Matt Marquis (Secretary)
Greg Pumper (via teleconference)
Chris Savage
Russ Scherber (Chair)
Mark Slagle

Members Absent

David Carlson
Kent Schneider
Mark Worms

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)
Mark Kincs (Xcel Energy)

1. Call to Order

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

2. Approval of Meeting Agenda

A motion was made by Daugherty, seconded by Slagle, to approve the agenda as presented. The roll call vote was unanimous with 10 votes in favor; the motion carried.

3. Approval of Previous Meeting Minutes

A motion was made by Savage, seconded by Kilbourne, to approve the 7/11/2019 with the following change: remove "via teleconference" from Kyle Bain – he was present in person. The roll call vote was unanimous with 10 votes in favor; the motion carried.

4. Regular Business

- A. **Licensing and permitting**
Nothing

- B. **Continuing education**
Nothing to report

5. **Special Business**

A. **Reciprocity**

Green said the department received a reciprocity inquiry from an HVAC contractor in Indiana, but no employee of the company held a license substantially equivalent to a MN HPP individual license.

B. **iMS update – Todd Green**

- eTrakit for electrical and high-pressure piping permitting was replaced with iMS on Oct. 7, 2019. Electrical processes 100,000 permits annually. iMS is web based and can be used from any location or device. Inspectors can use iPads, smartphones, or laptops to complete inspections on the spot.
- Green gave an iMS demonstration of a high-pressure piping inspector's dashboard and opened an Inspection Report that showed uploaded photos of the jobsite.

6. **Complaints**

Nothing brought forth

7. **Open Forum**

8. **Board Discussion**

Kilbourne referred to Summary of Changes, ASME B31.1-2018 (**Attachment A**) and asked if there were any questions. Green said the Board adopted five codes: ASME BPE-2016 for bio-process piping systems, ASME B31.1-2016 for high pressure steam and other heating media systems, IIAR 2-2014 and ASME B31.5-2016 for ammonia refrigeration piping systems, and ASME Section IX-2017 for welding requirements on all systems. The IIAR code just published Addendum A, but intends to publish new addition in summer of 2020, as does ASME B31.1. ASME B31.5 is supposed to have a 2019 edition but it is not available yet. ASME Section IX is on a two-year cycle and is currently the 2019 version.

9. **Announcements**

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

- January 9, 2020

10. **Adjournment**

A motion made by Daugherty, seconded by Savage, to adjourn the meeting at 10:27 a.m. The roll call vote was unanimous with 10 votes in favor; the motion carried.

Respectfully Submitted,

Matthew Marquis

Matthew Marquis
Secretary

Page	Location	Change	Corresponding Section of Rule 5230 Potentially Affected	Notable Change for Rulemaking Consideration
xii	Introduction	(1) Sixth and eighth paragraphs revised (2) Ninth and tenth paragraphs added	5230.0275 CHAPTER I, SCOPE AND DEFINITIONS	Revise 5230.0275 to reflect reference to subparagraph (a) of 100.1.2. This is currently referred to as "part (A)".
1-9	100.1.1	First paragraph revised		
	100.1.2	In subparagraph (a), third and fourth paragraphs revised		
	100.1.4	Revised		
	100.2	(1) Definitions of austenitizing; heat treatments, treatment; and heat treatments, tempering added subcritical heat (2) Definitions of covered piping systems (CPS), failure, heat treatments, reinforcement of weld, repair, and undercut revised		
	Figure 100.1.2-1	Title and illustration revised		
	Figure 100.1.2-2	Title and illustration revised		
	Figure 100.1.2-3	Revised		
	Figure 100.1.2-4	Revised		
	Figure 100.1.2-5	Title and illustration revised		
	Figure 100.1.2-6	Cross-references added to illustration		
	Figure 100.1.2-7	Added		
16	101.7.2	Revised	5230.0285 CHAPTER II, DESIGN	None
19	102.4.5	Subparagraph (b) revised	Parts 1 & 2 - "recommended rather than mandatory"	
22	104.1	(1) Paragraph 104.1.1 revised (2) In subparagraph 104.1.2(a), equations revised, nomenclature alphabetized, and <i>W</i> added		
27	Figure 104.3.1-1	In General Note (b), d_t corrected by errata to read d_t		
35	104.8.2	Revised		
35	104.8.4	Subparagraph (c) revised		
36	106.1	Subparagraph (a) punctuation revised	5230.0285 CHAPTER II, DESIGN Part 3	None - No changes affecting Section 122 modifications.
67	123.1.1	Subparagraph (c) revised	5230.0295 CHAPTER III, MATERIALS	None - No changes affecting added Section 124.13 prohibiting furnace butt welded pipe.
69	124.2	(1) Subparagraphs (a) and (b) revised (2) Subparagraph (e) added		
70	125.1	Title revised		
70	125.1.2	Subparagraphs (a) and (c) revised		
71	125.1.3	Subparagraph (c) revised		
73	Table 126.1-1	(1) For ASCE/SEI 7 and ASME B31J, titles revised (2) ASTM A1091/A1091M and Standards of the Expansion Joint Manufacturers Association, Inc. added (3) FCI 79-1 revised	Adopted by ASME B31.1 reference. CHAPTER IV, DIMENSIONAL REQUIREMENTS	None
85	Table 127.4.2-1	Revised	Adopted by ASME B31.1 reference. CHAPTER V, FABRICATION, ASSEMBLY, AND ERECTION	None
93	129.3.3.1	First paragraph revised		
93	129.3.4	Revised		
93	129.3.4.1	First paragraph revised		
94	Table 129.3.3.1-1	Title revised		
96	Table 129.3.4.1-1	Title revised		
97	Table 131.4.1-1	(1) In fifth column, first entry revised		
98	Table 132.1.1-1	(1) In second column, penultimate entry revised (2) Notes (5) and (6) revised		
99	132.4	Title revised		
104	136.1.1	Revised	5230.0305 CHAPTER VI, INSPECTION, EXAMINATION, AND TESTING	
104	136.1.2	Subparagraph (a) revised		
104	136.2	Revised in its entirety		
105	136.3.2	(1) Subparagraph (d) revised (2) Last paragraph revised		
108	136.4.6	Subparagraph (c) added		
118-298	Mandatory Appendices	Appendices A, D, F, G, and N revised. Appendix J deleted - "Quality Control Requirements for Boiler External Piping (BEP)". Appendix O added - "Use of Alternative Ultrasonic Acceptance Criteria". Appendix P added - "Metallic Bellows Expansion Joints".	5230.0325 APPENDICES Mandatory Appendices A, D, G, H, and J are "recommended rather than mandatory".	Revise 5230.0325 to reflect deletion of Mandatory Appendix J. Determine whether Appendices O and P are recommended, rather than mandatory; revise as appropriate.