Meeting Minutes: Bioprocess and Steam Committee of the Board of High Pressure Piping Systems

Date: Thursday, October 12, 2017 @ 9:30 a.m.
Minutes prepared by: Lyndy Logan
Location: Minnesota Room, Department of Labor & Industry
443 Lafayette Rd. N., St. Paul, MN 55155

Attendance

Committee Members Present
Kyle Bain
Russell Scherber
Larry Stevens, Jr.

Committee Members Absent
Todd Green

DLI Staff & Visitors
None

1. Call to Order
The meeting was called to order at 9:35 a.m. by Stevens. Housekeeping announcements were made and a quorum was met with 3 of 4 Committee members present in person.

2. Special Business
Review Possible Amendments to Rules Relating to High Pressure Piping Systems, Chapter 5230 Steam and Bioprocess Piping.

A motion was made by Bain, seconded by Stevens, to accept proposed amendments to the Steam and Bioprocess Rules as shown in Attachment A and bring forward to the Board. The vote was unanimous with 3 votes in favor; the motion carried.

3. Announcements
Next regularly scheduled 2018 HPPS Board meeting – 10:00 a.m. Thursday – Minnesota Room, DLI
• January 11, 2018

4. Adjournment
A motion was made by Stevens, seconded by Bain, to adjourn the meeting at 9:45 a.m. The vote was unanimous with 3 votes in favor; the motion carried.

Respectfully Submitted,

Larry Stevens
Larry Stevens, Jr.
1.1 Board of High Pressure Piping
1.2 Proposed Permanent Rules Adopting High Pressure Piping Regulations

5230.0220 BIOPROCESS PIPING.

Subpart 1. **ASME BPE.** All bioprocess piping must meet the requirements of ASME BPE. For purposes of this chapter, "ASME BPE" means the 2012 edition of the Bioprocessing Equipment Standard adopted and published by ASME, Two Park Avenue, New York, New York 10016. ASME BPE is incorporated by reference and made part of the code for high pressure piping systems. ASME BPE is not subject to frequent change and a copy of ASME BPE is available in the office of the commissioner of labor and industry and at the State Law Library, 25 Rev. Dr. Martin Luther King Jr. Blvd., Saint Paul, Minnesota 55155.

Subp. 2. **Examination of welded pipe joints.** All welds on bioprocess piping systems must comply with the visual examination acceptance standards in sections MJ-6.3 MJ-8.3 to MJ-6.4 MJ-8.4 of ASME BPE. When nondestructive examination other than visual examination is required by job specification or by the administrative authority, the welds must comply with the acceptance standards in sections MJ-6.3 MJ-8.3 to MJ-6.4 MJ-8.4 of ASME BPE for each type of nondestructive examination required. All costs of nondestructive testing shall be paid by the installing contractor. The contractor shall provide a copy of all examination results to the administrative authority upon request.

5230.0260 SCOPE.

Valves, fittings, and piping for boilers, as prescribed in the ASME Code for Power Boilers, are within the scope for this code but provisions of the ASME Code for Power Boilers shall govern where they exceed corresponding requirements of this code. For purposes of this chapter, "ASME Code for Power Boilers" means the 2013 edition of the ASME Boiler and Pressure Vessel Code, section I, as adopted and published by ASME, Two Park Avenue, New York, New York 10016. The ASME Code for Power Boilers is incorporated...
by reference in the code for steam or heating media piping systems. The ASME Code for
Power Boilers is not subject to frequent change and a copy is available in the office of the
commissioner of labor and industry and at the State Law Library, 25 Rev. Dr. Martin Luther
King Jr. Blvd., Saint Paul, Minnesota 55155.

Economizers, heaters, tanks, and other pressure vessels are outside the scope of this
code, but connecting piping shall conform to the requirements herein specified.

5230.0265  ADOPTION OF ASME B31.1 BY REFERENCE.

For purposes of this chapter, "ASME B31.1" means the 2012 2016 edition of the
standard for power piping, as approved and published by ASME, Two Park Avenue, New
York, New York 10016. ASME B31.1 is incorporated by reference and made part of the
code for steam or heating media piping systems, except as amended in this chapter. Portions
of this chapter reproduce text from ASME B31.1. ASME B31.1 is not subject to frequent
change and a copy of ASME B31.1 is available in the office of the commissioner of labor
and industry and at the State Law Library, 25 Rev. Dr. Martin Luther King Jr. Blvd., Saint
Paul, Minnesota 55155. ASME B31.1 is copyright by ASME. All rights reserved.

5230.0295  CHAPTER III, MATERIALS.

Section 124 is amended by adding a subsection as follows:

124.11 124.13. Furnace Butt Welded Pipe

The use of furnace butt welded pipe is prohibited on steam or heating media piping
systems.

5230.0305  CHAPTER VI, INSPECTION, EXAMINATION, AND TESTING.

Section 136. ASME B31.1, section 136 and all subsections sections 136.1 to 136.3.2
are deleted.