



The Commonwealth of Massachusetts
Executive Office of Public Safety and Security
Board of Boiler Rules



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EDWARD S. KAWA JR
CHAIRMAN

Minutes
Board of Boiler Rules
Department of Fire Services
One State Road, Stow, MA 01775
Meeting of September 13, 2018, 10:00 A.M.

1. Meeting called to order by the Chairman, Ed Kawa, at 10:02 A.M. The Chairman opened this meeting of the Board of Boiler Rules.
2. The Chairman then asked that members present identify themselves, and indicate whom they represent as Board members:

Board Members Present:

Edward Kawa, Chairman
 Ray Archambault, Operating Engineers
 Charles Perry, Boiler Manufacturers
 Anthony Lucia, Users Group
 Leah Francis, Insurance Companies

Board Members Not Present:

None

DFS Staff Present:

Peter Ostroskey, State Fire Marshal
 Glenn Rooney, DFS, Board Counsel
 Paul Vigneau, DFS
 Henry Geryk, DFS
 Jeff Isabelle, DFS

Pat Kane, DFS
 John Lawrence, DFS
 Diane Rearick, DFS
 Holly Bartlett, DFS

* The Chairman asked that attendees please identify themselves, and with whom they are affiliated:

Attendees Present:

Glenn Robinson, HSB
 Mike Robillard, Chubb
 Steve Sawyer, Travelers
 Andy Skelton, Travelers
 Todd Templeton, Travelers

Doug Smiley, Travelers
 Ted Carroll, Travelers
 Christian Morris, Travelers
 Mike Robillard, Chubb
 Erica Daignault, FM Global

3. Minutes from previous meeting: The minutes from the previous meeting held on May 3, 2018, were reviewed. *Motion to approve the minutes made by Anthony Lucia, seconded by Ray Archambault; motion passed by unanimous vote.*
4. Petitions for inspectional considerations: The following requests for extension of the inspectional requirement were entered into record:
 - a. Avista Pharma Solutions, request dated December 13, 2017, for a 6-month extension of the inspectional requirement for MA138263.
 - b. Crane & Co., request dated April 25, 2018, for a 2-month extension of the inspectional requirement for MA198728.
 - c. Saint Gobain Abrasives, request dated April 26, 2018, for a 1-month extension of the inspectional requirement for MA068526.
 - d. UMass Medical, request dated May 4, 2018, for a 4-month extension of the inspectional requirement for MA140878.
 - e. Covanta Pittsfield, request dated May 15, 2018, for a 3-month extension of the inspectional requirement for MA024144 and MA024145.
 - f. Boston College, request dated May 22, 2018, for a 1-month extension of the inspectional requirement for MA060195.
 - g. Exelon Mystic 8 & 9, request dated June 1, 2018, for a 3-month extension of the inspectional requirement for MA119012A and MA119013.
 - h. Bridgewater Correctional Facility request dated June 4, 2018, for a 6-month extension of the inspectional requirement for MA142777.
 - i. Frank I. Rounds, request dated June 11, 2018, for a 2-month extension of the inspectional requirement for MA161562.
 - j. Nasoya Foods, request dated July 20, 2018, for a 2-month extension of the inspectional requirement for MA068287A and MA068402.
 - k. MATEP, request dated July 26, 2018, for a 6-month extension of the inspectional requirement for MA117065.

Motion to ratify the approval of these requests made by Charles Perry, seconded by Ray Archambault; motion passed by unanimous vote.

5. 522 CMR Committee Report: The Chairman asked Anthony Lucia, the Chairman of the 522 CMR Committee, to address the Board regarding the Committee's recommendations to the Board. Anthony Lucia reminded the Board of the proposal received in November to add language to 522 that would include procedures for repairs of boiler external piping (BEP). The 522 CMR Committee met on 5/31/18 and again on 6/18/18 to discuss this proposal. This dialogue culminated in the following proposed language to be presented by the 522 CMR Committee to the Board of Boiler Rules for consideration:

522 CMR 2.00: POWER BOILERS

Section

- 2.01: Scope and Application**
- 2.02: Records**
- 2.03: Construction**
- 2.04: Repairs and Alterations**
- 2.05: Installation**

2.06: Inspection

2.07: General Requirements

2.04: Repairs and Alterations

- (1) Welded Repairs and Alterations: All welded repairs and alterations performed to the High Pressure/Power Boiler proper and the High Pressure/Power Boiler External Piping (BEP) shall be done in accordance with the provisions of M.G.L. c. 146 §2 and NBIC Part 3 and shall be performed by an accredited R Certificate Holder. It is the responsibility of the Owner/User or Engineer in Charge to ensure that all repairs and alterations are performed in accordance with 522 CMR 2.00. Signed copies of completed Form R-1 and Form R-2, together with attachments, shall be submitted to the Department, and shall be made available upon request to the Division and Authorized Inspectors of the boiler. Distribution of Form R-1 and Form R-2 and attachments shall be the responsibility of the organization performing the repair.
- (2) Mechanical Repairs to Boiler External Piping Systems (BEP). Mechanical repairs to Boiler External Piping may be performed under the supervision of the Engineer in Charge. The Engineer in Charge shall record all work performed on it upon forms to be obtained from the Department. These records shall be kept on file at the location of the boiler, and shall be always accessible to the Division and Authorized Inspectors. Design requirements for mechanical repairs are to meet the original code of construction. Legible signed copies of completed forms together with attachments shall be submitted to the Department within seven days of completion of the repair.

The Committee Chairman acknowledged that the Committee had considered developing a form/forms to be used for this type of work, but agreed that the form should be developed by DFS. ***Motion made by Ray Archambault to approve the language as recommended by the Committee, seconded by Leah Francis; motion passed by unanimous vote.*** The Board Chair reminded everyone that although this language has been approved by the Board, it does not become part of the regulations until promulgation, and thanked the Committee for their work on this.

6. Review of 522 CMR 103, Standards Adopted: The Chairman reminded the Board that certain standards are adopted into 522 CMR, and that as 522 is updated, those adopted standards are updated as well to reflect the most recent versions. He went on to recommend that the Board assign the 522 CMR Committee the task of reviewing the currently adopted standards. ***Motion made by Charles Perry to request the Committee to review the editions of the codes and standards currently adopted, seconded by Ray Archambault; motion passed by unanimous vote.***
7. Review of 522 CMR 7.00, Air Tank clearance variance requirements. The Chairman explained to the Board that DFS staff is currently reviewing this section of 522. Although there is nothing being presented to the Board at this time, the Chairman wanted to make the members aware that this section is being reviewed relative to violations being noted by authorized inspectors, and that could be changes in our regulations that could help with the inspection and compliance process. One specific example is the mitigating issues that arise when vessels are installed without the isolation dampers in place resulting in vibration issues, or the mounting of pressure relief valves such that they can be easily read. DFS staff is working on drawing up a presentation for the Board to address possible changes to regulation in light of these observations.

8. Adjournment: The date of the next regular meeting is tentatively scheduled for Thursday, October 11. *Motion to adjourn this meeting made by Anthony Lucia, seconded by Charles Perry; motion passed by unanimous vote, meeting adjourned at 10:24 AM.*

List of Documents/Exhibits Used at this Meeting

- a. Minutes from meeting on May 3, 2018
- b. Extension Request – Avista Pharma Solutions
- c. Extension Request – Crane & Co.
- d. Extension Request – Saint Gobain Abrasives
- e. Extension Request – Umass Medical School Power Plant
- f. Extension Request – Covanta Pittsfield
- g. Extension Request – Boston College, CHP
- h. Extension Request – Excelon, Mystic Stations 8 & 9
- i. Extension Request – Bridgewater Correctional
- j. Extension Request – Frank I. Rounds
- k. Extension Request – Nasoya Foods
- l. Extension Request – MATEP
- m. Red-line proposal of changes to 522 CMR
- n. List of Standards currently adopted in 522 CMR
- o. Memo from Board of Boiler Rules to 522 Committee dated May 3, 2018