



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

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Minutes
Board of Boiler Rules
522 CMR Committee
Department of Fire Services
One State Road, Stow, MA 01775
Meeting of June 18, 2018, 10:00 A.M.

1. Meeting called to order by the Chairman, Anthony Lucia, at 10:00 A.M. The Chairman explained that this meeting is being held pursuant to a request made by the Board of Boiler Rules.
2. The Chairman took a roll call of the assigned Committee members:

Committee Members Present:

Anthony Lucia, Chairman	Board of Boiler Rules Member
Glenn Robinson, Member	HSB
Doug Smiley, Member	Travelers
Thomas O'Rourke, Member	NRG Inc.
Brian Palmer, Member	FM Global
Max Greig, Member	Berkshire Power

Committee Members Not Present:

None

DFS Staff Members Present:

Henry Geryk	Supervisor, DFS District Inspectors
Dan Laperle	DFS District Inspector
Pat Kane	DFS District Inspector
Holly Bartlett	Board Administrator

3. Minutes: The Committee reviewed the minutes from the last meeting on 5/31/18. Motion to enter these minutes into record made by Tom O'Rourke, seconded by Doug Smiley; motion passed by unanimous vote.
4. Consideration of Petition to Change 522 CMR: For the benefit of two members who were not at the last meeting, the Committee briefly summarized what the Board has asked them to consider, and what was discussed at the last meeting. The Committee considered additional language to 522 CMR 2.04: Welded Repairs, Major Repairs, Alterations, see attached. Several members questioned whether the language in this section needs to be changed. The Committee then moved on to suggested language for a new section,

522 CMR 2.04.1: Mechanical Repairs and Alterations to Boiler External Piping Systems (BEP). It was agreed to remove ‘and Alterations’ to the title of this section. It was agreed to remove the words ‘by individuals’ from the first sentence of this section. Although it was agreed that a copy of forms related to a repair must be kept on file, there was discussion as to where such copy should be kept. It was suggested that title of section 2.04 be changed to Repairs and Alteration, and that there be 2.04(01): Welded Repairs and 2.04(2) Mechanical Repairs to Boiler External Piping Systems (BEP).

The Committee went on to consider two possible forms to be used for documentation of mechanical repairs to BEP. The Committee decided to review and consider the longer of the two suggested forms, see attached. The Committee agreed to remove all instances of ‘and alterations’ from the form, to include Date of Completion, and an additional line for MAWP. There was discussion as to whether or not to require application be submitted prior to the work being performed, or submit application after completion of the work to be inspected. It was also discussed whether there needs to be a line item on the form to list ‘bolts, nuts, studs...’. It was suggested that an FAQ document be created to accompany the form. The Committee considered the policy and form used for this work in Maine. Matters of responsibility and liabilities related to mechanical repairs was discussed, as was who is qualified to complete the new form. It was noted that the Department would be developing a form to be used to document repairs. Therefore, the Committee will submit only the recommended changes to the regulation to the Board for review.

Henry Geryk read the proposed language for 522 CMR Section 2.04 as agreed upon:

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.

Motion made by Tom O'Rourke, seconded by Glenn Robinson that this language should be presented to the Board for consideration; motion passed by unanimous vote.

5. Adjournment: *This meeting was adjourned at 12:05 PM.*

List of Documents/Exhibits Used at this Meeting

- a. Minutes from meeting on May 31, 2018
- b. Copy of suggested changes to 522 CMR
- c. Draft forms to be used to document repairs