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The Commonwealth of Massachusetts
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Board of Boiler Rules

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PETER J. OSTROSKEY
STATE FIRE MARSHAL

EDWARD S. KAWA JR
CHAIRMAN

Minutes
Board of Boiler Rules
Department of Fire Services
One State Road, Stow, MA 01775
Meeting of July 13, 2023

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, explaining that in accordance with M.G.L. Chapter 146 Section 3, the Board is conducting a regular meeting. This meeting is being recorded.

- 1) The Board members in attendance were identified by roll call:

Board Members Present:

Edward Kawa, Chairman
Charles Perry, Boiler Manufacturers
Anthony Lucia, Operating Engineers
Leah Francis, Insurance Companies
Max Greig, User Group

Board Members Not Present:

None

DFS Staff Present:

Glenn Rooney, DFS
Rachel Perlman, DFS
Dave Clemons, DFS
Brian Ingram, DFS
Dan Laperle, DFS

John Lawrence, DFS
Allen Boston, DFS
Andrew Crear, DFS
Greg Folsom, DFS
Holly Bartlett, DFS

Attendees Present:

Glenn Robinson, HSB
Jim Stiefel, HSB
Philip Bernier, HSB
Chris Fialkowski, FM Global

Jim Curiale, Dir. of Engineering, Unitex
Mark DosSantos, Corp. Eng, Unitex
David Vrana, Miura
Jason Horyn, EIC, Unitex

- *DFS General Counsel introduced Rachel Perlman, DFS Deputy General Counsel, who has taken over the role of Board Counsel.*

- 2) Minutes from previous meetings: The minutes from the previous meeting held on May 4, 2023, were reviewed. ***Motion to approve the minutes made by Charlie Perry, seconded by Anthony Lucia; motion passed by unanimous vote.***

The minutes from the previous meeting held on June 1, 2023, were reviewed. ***Motion to approve the minutes made by Charlie Perry, seconded by Anthony Lucia; motion passed by unanimous vote.***

- 3) Petitions for inspectional considerations: The Chairman explained that no requests have been received since the last meeting in May, so no extension request will be reviewed at this meeting.
- 4) Request for Reclassification of Boiler Horsepower Capacity – UNITEX: This matter is a continuation from the last meeting, a request from Unitex in Lawrence is requesting that the Board re-classify the steam plant there due to a hp re-classification of the boilers by the manufacturer. Unitex had submitted documentation supporting this request. The Chairman then asked Jim Curiale, from Unitex, to summarize the nature of their request, and the additional documentation they had provided. Mr. Curiale explained that they had recently submitted detailed information as to how the boilers were de-rated by the manufacturer. The Chairman then addressed David Vrana, Miura, pointing out that the new name plates do not contain National Board numbers. He asked Mr. Vrana about how Miura calculates the ASME required maximum steaming capacity that's on the stamping, and about some discrepancies between the original stamping and the new/additional name plate. Mr. Vrana explained that the 'discrepancies' would probably be the intentional reduction in gas flow, and/or manifold pressure. The Chairman asked if any Board member have any questions. Max Greig asked what the difference is between a factory de-rate and field de-rate, how Miura gets their ASME ratings. Mr. Vrana said that there are standard calculations used for all Miura boilers. The Chairman pointed out that one requirement of this Board is to ensure that if there is a nameplate on a boiler that it is in compliance with the ASME requirements for that boiler; that nameplate is used by our inspectors in the field to determine minimum safety valve relieving capacity. The 'new nameplates' do not have the certification mark or the National Board number. He asked Mr. Vrana if these are the first boilers to be de-rated in Massachusetts; Mr. Vrana said he's aware of projects in other states, but this is the first in Massachusetts that he is aware of. The Chairman summarized that the Board would need the following documentation in order to consider approval of the pending request:

- Photo(s) of the ASME stamping on the boilers
- Documentation from ASME that the additional name plates are in compliance with ASME requirements
- Manufacturer's Data Reports for both boilers

With no additional questions from Board members, the Chairman proposed to table this matter until the next Board meeting, asking that the applicant provide the additional documentation prior to the next meeting.

- 5) Review of 522 CMR 1.03, Standards Adopted: The Chairman explained that the Board has reviewed and discussed the proposed changes to 522 CMR, and that he will proceed to read the changes for the record. The changes include edition changes to adopted standards, several new definitions (changed to better align with ASME and NBIC terminology).

Following reading the changes, the Chairman asked if any Board members have any comments or edits regarding the red-line changes; hearing none, he asked for a motion to approve the changes to 522 CMR as written. ***Motion to approve the changes to 522 CMR made by Anthony Lucia, seconded by Charlie Perry; motion passed by a majority roll-call vote.*** (The Chairman pointed out that Max Greig has left the meeting) The red-line document will be posted on the DFS website once a public hearing has been scheduled.

- 6) Updates from DFS Staff: None.
- 7) Matters not reasonably anticipated: None.
- 8) Adjournment of Meeting: The next meeting is tentatively set for Thursday, September 7, 2023. ***Motion to adjourn the meeting made by Anthony Lucia, seconded by Charlie Perry; motion passed by majority roll call vote, regular meeting adjourned at 11:40 AM.***

List of Documents/Exhibits Used at this Meeting

- a. Minutes, Board Meeting on May 4, 2023
- b. Minutes, Board Meeting on June 1, 2023
- c. Unitex, Request for Reclassification of Steam Plant, additional supporting documents
- d. Red-Lined Draft of Proposed Changes to 522 CMR