



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

P. O. Box 1025 ~ State Road

Stow, Massachusetts 01775

(978) 567~3780 Fax: (978) 567~3199

www.mass.gov/dfs



PETER J. OSTROSKY
STATE FIRE MARSHAL

EDWARD S. KAWA JR
CHAIRMAN

MAURA T. HEALEY
GOVERNOR

KIMBERLEY DRISCOLL
LIEUTENANT GOVERNOR

TERRENCE M. REIDY
SECRETARY

Minutes
Board of Boiler Rules
Department of Fire Services
One State Road, Stow, MA 01775
Meeting of June 1, 2023

Meeting called to order by the Chairman, Ed Kawa, at 10:01 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
 Dave Clemons, DFS
 Brian Ingram, DFS
 Dan Laperle, DFS

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

Attendees Present:

Glenn Robinson, HSB
 Jim Stiefel, HSB

Jim Curiale, Dir. of Engineering, Unitex
 Mark DosSantos, Corp. Eng, Unitex

2) Minutes from previous meetings: The minutes from the previous meeting held on May 4, 2023, will be available for review at the next Board meeting.

- 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: The Chairman explained that the Board has receive a request and documentation from Unitex in Lawrence for the Board to reclassify their steam plant. The Chairman explained that the purpose of this reclassification is in M.G.L. Chapter 46 Section 48, The Determination of Power: All power plants in the Commonwealth are classified based on the aggregate HP; once classification, the minimum level of license required to operate, and that the engineer in charge must hold, can be determined; and the attendance requirement for the plant can be determined. The Board has been provided with a summary of the applicable sections of Chapter 146. The Chairman then turned the Board's attention to Jim Curiale, the Director of Engineering from Unitex, who was present at this meeting, and asked him to summarize the operation of the facility, the steam plant, and the current request before the Board. Mr. Curiale introduced himself and Mark Dos Santos, both from the Corporate Engineering Department with Unitex. He explained that Unitex provides laundry services to health care organizations, 13 facilities in the Northeast. The Lawrence was the most recent facility to be commissioned, 90,000 sq ft plant with two brand new boilers. He explained that they try to keep energy costs low, and the small steam generators they've used in the plant are manufactured by Miura. They had to buy boilers with larger hp than they really wanted to ensure that enough steam would be produced. They had the boilers modified by Miura to de-rate the hp by limiting the amount of gas to the burner, from 150hp output to 125hp output. Miura provided new documentation and dataplates after the work was completed. The Chairman asked what the hp is of the boilers at the other Lawrence location, Mr. Curiale replied that they are 100hp. The Chairman then turned the meeting over to Inspector Allen Boston, who informed the Board that he had spoken with the EIC at Unitex, who told him that the boilers are running well, after the adjustments were made by Miura. The Chairman read into record Chapter 146 Section 48 as follows: **When liquid or gaseous fuel, electric or atomic energy or any other source of heat is used, the horsepower of a boiler shall be determined by either the manufacturer's factory tag affixed to the boiler or burner denoting horsepower, or calculated by one of the following formulae: the steam output capacity as listed on the manufacturer's tag divided by 34.5, the Btu/Hr Input listed on the manufacturer's tag divided by 41,840 or the Btu/Hr Output listed on the manufacturer's tag divided by 33,475.** In this scenario, the manufacturer did put an additional nameplate on the boiler with the new hp of 125 on each of the boilers. The Chairman opened this up to the Board for discussion. Anthony Lucia made a proposal to table this discussion until the next meeting to discuss further. The Chairman asked Mr. Curiale to have a tech rep from Miura join the call for the next meeting to answer questions. Counsel advised the Chairman that the matter can be tabled without a motion/vote. The Chairman asked Mr. Curiale to provide additional data.
- 5) Review of 522 CMR 1.03, Standards Adopted: The Chairman explained that the recommended changes presented to the Board by the Committee at the May meeting have been incorporated into the new Draft of proposed changes to 522 CMR. The editions of the Standards Adopted have been adopted, and several new definitions have been added and/or modified to align with the National Board definitions of authorized inspector and inservice inspector. The Chairman then proceeded with an overview of the proposed changes, understanding that the Board just received this draft. The Board will be able to review this document over the next few weeks, along with a summary of the changes, and a summary of the editions of those standards adopted in 1.03. DFS has also conducted a review for grammatical accuracy and consistency throughout the document.

The Chairman clarified that the language being used is from the RC11, the Rules for Commissioned Inspectors.

Following an overview of the proposed changes, the Chairman explained that the Board can review/discuss the proposed changes at the July meeting, and vote to accept the changes, if all members are in agreement.

The Chairman asked for any changes/questions from the Board members; no responses.

- 6) Updates from DFS Staff: The Chairman introduced Brian Ingram, the new Director of the Fire Safety Division.
- 7) Matters not reasonably anticipated: None.
- 8) Adjournment of Meeting: The next meeting is tentatively set for Thursday, July 13, 2023. ***Motion to adjourn the meeting made by Anthony Lucia, seconded by Charlie Perry; motion passed by unanimous roll call vote, regular meeting adjourned at 10:42 AM.***

List of Documents/Exhibits Used at this Meeting

- a. Unitex, Request for Reclassification of Steam Plant, and supporting documents
- b. Red-Lined Draft of Proposed Changes to 522 CMR