



# Steam Certification Board Meeting

## MEETING MINUTES

**Date & Time:** November 18, 2022, 10:04 a.m.-12:11 p.m.

**Meeting Format/Location:** Hybrid, South Campus Auditorium Room E102-E103 and Zoom

**Facilitator:** Dr. Graham Malek, Interim

**Attendance:** X=Attended E=Excused U=Unknown

Board Members				Bates Administrative Staff		Guests	
X	Scott Best	X	Aaron Meisenheimer	X	Samuel Cureton	U	Sue Coffman, City of Tacoma
X	Terry Chapin	X	Jose Miranda	X	Amelia Fortuno	U	Steve Frazier, City of Seattle
U	Bill Haselhuhn	X	Joel Rasmussen	X	Yifan Sun	X	Cameron LaFreniere, Bates FME
E	Christopher Jackson	X	Jim Wrenn			X	Dan Merrit, CH <sub>2</sub> O
X	Dr. Graham Malek					E	Andrea Major, WWSETT
E	Tony McNamara						

## Call to Order

Introductions were made for guest.

## Minutes from Previous Meeting

Moved, seconded, and carried: unanimous decision to approve the minutes from the November 18, 222 meeting as written.

## Standing or Committee Reports

### Boiler Exam Report

Samuel Cureton, Chief Boiler Examiner, presented the report.

### August-November 2022 Exams

There is no exam in September due to Bates being on summer break.

- August: Two Class IV exams were administered and both passed. Cameron LaFreniere also took a Class IV exam to provide feedback about the exam questions.
- October: Two Class IV exams were administered and none passed.
- November: One Class II and one Class IV exam were administered and none passed.

Discussion ensued about:

- Are there incentives for passing the exam (e.g. stipend)? Any consequences?
- Whether or not employers pay for the training the exam and possible exam retakes.

Moved, seconded, and carried: *unanimous decision to receive the quarterly boiler exam report.*



## Class Curriculum Review Committee Report

### Boiler Certification Exam Referenced Materials List

Amelia Fortuno, in the absence of Committee Chair Tony McNamara, reminded everyone of proposed changes to the reference list that is part of the boiler certification application packet and the other documents that were discussed at the last meeting.

- Current *Boiler Certification Exam Referenced Materials List*
- Tony's draft of updated list
- *What Every Boiler Operator Should Know* (from City of Seattle's boiler license webpage)
  - The Board needed to determine if this Board should create their own document or link to the City of Seattle's portal.

The Board decided that a document similar to Seattle's *What Every Boiler Operator Should Know* should be created and subsequently went through line by line to provide edits to create a new document.

Action Item	Tasked	Due Date
Type up draft of the Steam Certification Board's version of <i>What Every Boiler Operator Should Know</i> and reformat Tony McNamara's <i>Boiler Certification Exam Referenced Materials List</i> and send it out to the Board for review.	Amelia Fortuno	February 10, 2023

### Boiler Exam Class IV Exam Questions Feedback

Boiler instructors from Bates and Renton Technical Colleges were invited to take a new randomized version of the Class IV exam, prepared by Samuel Cureton, to provide feedback on the appropriateness of the examination of Class IV applicants.

Cameron LaFreniere was the only one who took the exam and provided feedback.

- There were more diagrams than when he took the exam for his certification.
  - Identifying individual components.
- The pictures were very small and he could not see where the arrows were pointing on a specific component.
  - Poor print quality and possible solutions relating to that were discussed.
  - Samuel Cureton provided Amelia with pictures from the exam that Cameron took so the Board could see the diagrams in question.
- He wondered if switching to an essay type of exam rather than multiple-choice, true/false, fill-in-the-blank exam would be better.
  - Giving partial points for a question and potentially opening the grading up to subjectivity were mentioned.
    - The last time a similar review was done of the exam, the portion where examinees had to do a line drawing was removed and replaced by the diagrams.
    - Should the fill-in-the blank questions be changed to matching or some other type of question format?
- He recommended creating another classification level being created for hydronic boilers.



Action Item	Tasked	Due Date
Make diagrams larger on the exams.	Samuel Cureton	February 10, 2023

## Tabled and Unfinished Business

### Pierce County Interest in Adopting/Recognizing Certification

Jim Wrenn mentioned how many additional certificates could be issued if the county recognized Bates' certification. He will invite the interested parties to a board meeting.

This topic will be taken off of the agenda until additional action occurs.

## New Business

### 2023 Board Membership

#### Board Members

- Vacancies
  - Class I Chief Operating Engineer (Complete Bill Haselhuhn's term.)
    - Dr. Graham Malek spoke with a few old co-workers at Boeing, but none were interested in joining the Board.
    - Terry Chapin, Education Representative, gave his notice about no longer teaching the Boiler Refresher class for Bates and Renton Technical Colleges. He will complete Bill's term.
      - Leaves an opening for an Education Representative
        - Jose Miranda will reach out to the instructors at Renton Technical College.
        - Cameron LaFreniere is also a candidate.
  - Legal Representative
    - Jim Wrenn suggested Jeff Frazier from the International Union of Operating Engineers (IUOE) and former Pierce County Prosecutor Mark Lindquist.
      - Amelia Fortuno mentioned that Mark was already asked and is not available.

Action Item	Tasked	Due Date
Reach out to Renton Technical College boiler instructors about joining the Board as an Education Representative.	Jose Miranda	February 10, 2023
Reach out to Jeff Frazier about joining the Board as the Legal Representative.		

### Executive Board

Aaron Meisenheimer will transition to Chair at the conclusion of this meeting.

Moved, seconded, and carried: *unanimous decision for Terry Chapin to serve as Vice Chair and Jose Miranda to serve as Secretary.*



## Good of the Order & Future Meeting Dates

Bates Update (Amelia Fortuno)

- Spoke with Travis Smith from Verify Training
  - Only accepting online registrations due to limited staff on-site.
  - Adding three additional Boiler Refresher classes to their schedule.
  - He is in discussion with Steve Frazier with the City of Seattle about getting approval for an 80-hour boiler training course.
    - It would be contract training taught at the client’s site.
  - He will start sending Amelia Fortuno a list of students who have completed their Boiler Refresher classes like he does with the City of Seattle.
    - They collect boiler certification/license information as part of their registration process.
- Bates’ boiler certification webpage now includes expandable menus for items like the application packet and Boiler Refresher schedule.

Jose Miranda asked for an update about open boiler instructor position and job description. Amelia Fortuno has not received additional information and will have her supervisor, Yifan Sun, send a follow-up.

Cameron LaFreniere added that he is submitting curriculum for the Boiler Fireman Class III & IV and the Boiler Refresher courses to the Bates Curriculum Assessment Committee in order for Bates to start offering courses again. The procedure has undergone some changes and he is waiting for it to be finalized before the review can take place.

Dan Merritt asked about the possibility of Bates hosting a Boiler Symposium. Amelia Fortuno responded that she is not available to organize the event like she did in the past due to increased duties relating to ctcLink and increased apprenticeship enrollment. She thought that Renton Technical College was interested in hosting that event.

Action Item	Tasked	Due Date
Send Jose Miranda job descriptions for boiler instructor position(s).	Yifan Sun	February 10, 2023

### Future Meeting Dates

2023 Meeting Dates

- February 10, 2023
- May 12, 2023
- August 11, 2023

Respectfully submitted by: Amelia Fortuno