

## **Boiler Certification Eligibility Criteria**

All applicants shall be eighteen (18) years of age or older. The Steam Certification Board on a case-by-case basis will review any extraordinary circumstances. No person shall be eligible for examination for any class of certification unless he/she possesses the following qualifications. Approved types of training programs and schools of technology are defined below.

### **Class I Chief Operating Engineer:**

- The applicant shall furnish verification of an aggregate of five years' experience operating high or low pressure boiler plants or equivalent experience, OR
- The applicant has attended a recognized school of technology and shall furnish verification of an aggregate of three years' experience operating high or low pressure boiler plants or equivalent experience, OR
- The applicant has attended a recognized training program and shall furnish verification of an aggregate of four years' experience operating high or low pressure boiler plants or equivalent experience.

The applicant shall furnish, to the issuing agency, evidence of qualifications for examination.

### **Class II Operating Engineer:**

- The applicant shall furnish verification of an aggregate of four years' experience operating high or low pressure boiler plants or equivalent experience, OR
- The applicant has attended a recognized school of technology and shall furnish verification of an aggregate of two years' experience operating high or low pressure boiler plants or equivalent experience, OR
- The applicant has attended a recognized training program and shall furnish verification of an aggregate of three years' experience operating high or low pressure boiler plants or equivalent experience.

The applicant shall furnish, to the issuing agency, evidence of qualifications for examination.

### **Class III Operating Engineer:**

- The applicant shall furnish verification of an aggregate of three years' experience operating high or low pressure boiler plants or equivalent experience, OR
- The applicant has attended a recognized school of technology and shall furnish verification of an aggregate of one year experience operating high or low pressure boiler plants or equivalent experience, OR
- The applicant has attended a recognized training program and shall furnish verification of an aggregate of two years' experience operating high or low pressure boiler plants or equivalent experience.

The applicant shall furnish, to the issuing agency, evidence of qualifications for examination.

### **Class IV Boiler Fireman:**

- The applicant shall furnish verification of an aggregate of one years' experience operating high or low pressure boiler plants or equivalent experience, OR
- The applicant has attended a recognized school of technology and shall furnish verification of an aggregate of 80 hours observation experience operating high or low pressure boiler plants or equivalent experience, OR
- The applicant has attended a recognized training program and shall furnish verification of an aggregate of 120 hours observation experience operating high or low pressure boiler plants or equivalent experience.

The applicant shall furnish, to the issuing agency, evidence of qualifications for examination.

### **Class V Boiler Fireman:**

The applicant shall furnish, to the issuing agency, evidence of qualifications for examination.

## Types of Training and Approved Courses

**School of Technology** - A program, with a minimum of 1200 hours approved by the Steam Certification Board that contains curriculum on, but not limited to, boilers, refrigeration, electrical and controls.

- [Facilities Maintenance Engineering Program, Bates Technical College](#)
- [Commercial Building Engineer Program, Renton Technical College](#)

**Training Program** - A continuing education course, with a minimum of 80 hours, approved by the Steam Certification Board that contains curriculum on, but not limited to, fundamentals, operation, safety, and maintenance of boilers.

### [Bates Technical College](#)

- Operating Engineers Class I & II
- Boiler Fireman Class III & IV

### [Renton Technical College](#)

- Boiler Operator Licensing Class 1 & 2
- Boiler Operator Licensing Class 3 & 4
- Boiler Operator's Lab

**Boiler Refresher** - An eight hour continuing education course that is required every five years to maintain certification that consists of a review of operation safety and give operators an overview of new technology. An open book test will be given at the end of the class.

### [Bates Technical College](#)

- Operating Engineer Class I and II, Refresher
- Boiler Fireman Class III and IV, Refresher

### [Renton Technical College](#)

- Boiler Operator Refresher Course

### [Verify Training](#)

- Boiler Refresher

**Boiler Refresher Substitution** - Substitution for the Boiler Refresher is now allowed. Candidates must submit evidence of successful course/event completion to meet the refresher training requirement. The substitution must meet the same requirements as the Boiler Refresher.

- Topics must include boiler safety, regulation additions/changes and new technology
- Minimum of eight (8) hours of instruction
- Include a written, open-book examination

### Allowable Substitution

- Completion of a recognized School of Technology or Boiler Training Program during the refresher cycle time period
- Industry training events, such as the Washington State Boiler Inspectors Association (WSBIA) Boiler Operators Symposium

### BatesTech.edu

**Central/Mohler Campus:** 2320 S. 19<sup>th</sup> St., Tacoma WA 98405 - 253.680.7603

**Downtown Campus:** 1101 S. Yakima Ave., Tacoma WA 98405 - 253.680.7000

**South Campus:** 2201 S. 78<sup>th</sup> St., Tacoma WA 98409 - 253.680.7400

Bates Technical College is an equal opportunity and non-discriminatory employer and educational institution.

