



## ***Registration Requirements; Qualifications.***

**An applicant for a low pressure boiler operator registration shall have at least 1 year of experience operating or maintaining low or high pressure boilers, steam prime movers, or associated auxiliaries.**

An applicant for a high pressure boiler operator registration shall have 1 or more of the following:

- (a) At least 2 years of experience in the operation of a high pressure boiler.
- (b) A low pressure boiler operator's registration and at least 1 year of experience in the operation of a low pressure boiler.
- (c) At least 1 year of either a qualified training program, a qualified technical education program, or an approved apprenticeship program.

**An applicant for a third-class stationary engineer registration shall meet 1 or more of the following requirements:**

- (a) Is registered as a high pressure boiler operator and have at least 1 year of experience in the operation of a high pressure boiler.
- (b) Is registered as a low pressure boiler operator, has at least 1 year of experience in the operation of a low pressure boiler, and has at least 1 year of maintenance experience on high pressure boilers and associated auxiliaries.
- (c) Is registered as a high pressure boiler operator and has at least 1 year of boiler maintenance experience or at least 1 year as an apprentice in an approved training program in a high pressure boiler plant that has an aggregate heating surface of more than 4,000 square feet.
- (d) Have at least 3 years of experience in the operation of boilers in a high pressure boiler plant that have an aggregate heating surface of more than 4,000 square feet.
- (e) Have at least 1 year of experience in the operation of boilers in a high pressure boiler plant that have an aggregate heating surface of more than 4,000 square feet along with sufficient experience operating steam prime movers in excess of 10 horsepower for a combined total of at least 3 years of experience.
- (f) Have an associate degree in energy technology or a related field, as determined by the board, with a power engineering option from a 2-year college whose program is approved by the board and employment or cooperative education experience of at least 360 hours as a power engineer, boiler operator, or stationary engineer in a steam electric generation plant or a high pressure steam heating or process plant.

**An applicant for a second-class stationary engineer registration shall meet 1 or more of the following requirements:**

- (a) Is registered as a third-class stationary engineer and has at least 1 year of experience as a third-class stationary engineer.
- (b) Have a bachelor's degree in engineering, engineering technology, heating/power technology, or energy technology from a college or university whose program is approved by the board and employment experience as an engineer in the engineering or research division of a steam electric power generating plant for at least 1 year.
- (c) Have at least 4 years of experience in the operation of boilers in a high pressure boiler plant that have an aggregate heating surface of more than 7,500 square feet.
- (d) Have at least 1 year of experience in the operation of boilers in a high pressure boiler plant that have an aggregate heating surface of more than 7,500 square feet along with sufficient experience operating steam prime movers in excess of 100 horsepower for a combined total of at least 4 years of experience.
- (e) Have at least 1 year of experience in the operation of boilers in a high pressure boiler plant that have an aggregate heating surface of more than 7,500 square feet along with sufficient experience operating boilers in a high pressure boiler plant that have an aggregate heating surface of more than 4,000 square feet for a combined total of at least 4 years of experience.

**An applicant for a first-class stationary engineer registration shall meet 1 or more of the following requirements:**

- (a) Is registered as a second-class stationary engineer and has at least 2 years of experience as a second-class stationary engineer.
- (b) Have at least 6 years of experience in the operation of boilers in a high pressure boiler plant that have an aggregate heating surface of more than 20,000 square feet.
- (c) Have at least 2 years of experience in the operation of boilers in a high pressure boiler plant that have an aggregate heating surface of more than 20,000 square feet along with sufficient experience operating steam prime movers in excess of 200 horsepower for a combined total of at least 6 years of experience.
- (d) Have at least 2 years of experience in the operation of boilers in a high pressure boiler plant that have an aggregate heating surface of more than 20,000 square feet along with sufficient experience in the operation of boilers in a high pressure boiler plant that have an aggregate heating surface of more than 7,500 square feet of heating surface for a combined total of at least 6 years of experience.
- (e) Complete a 4-year approved apprenticeship program or a 4-year qualified training program.
- (f) Complete a 4-year program with a bachelor's degree from a college or university in engineering, engineering technology, heating/power technology, or energy technology whose program is approved by the board and which includes a hands-on power option from a 2-year community college program or the equivalent, as determined by the board, and not less than 1 year of employment, internship, or cooperative education experience in a steam electric generation plant or high pressure steam heating process plant.