



OCCUPATIONAL AND PROFESSIONAL LICENSING BOARD OF INDUSTRIAL TRADES

Stationary Engineers – Application Instructions

Licenses are offered for the following classes. Regardless of when they were obtained, licenses expire on **September 30** on even-numbered years

Class	Experience Documents
1	Any plant; and in addition to the experience required for the Class 3 Steam Engineer License, two years' experience, one of which shall be as an engineer in a 2 nd Class plant, or as a Class 2 Steam Engineer and Assistant Engineer in a 1 st Class plant while holding a 2nd Class license.
3	<p>Any of the following:</p> <ul style="list-style-type: none"> • A plant having high pressure steam boilers not to exceed four hundred (400) horsepower or a combination of high-pressure boilers and heating boilers or refrigeration equipment, not to exceed a total of four hundred (400) horsepower. • A heating plant having low pressure steam boilers with a pump return and refrigeration equipment, with no limitation on total capacity; or • A heating plant having hot water boilers and refrigeration equipment, with no limitation on total capacity. <p>At least two (2) years' experience in a high-pressure steam plant of more than seven hundred fifty (750) boiler horsepower as an assistant engineer, fireman, or oiler, or four years' experience in a plant of not less than fifty (50) horsepower (7,000 square feet of steam radiation or 11,200 square feet of water radiation at one hundred fifty (150) degrees Fahrenheit). One-year experience will be waived for a graduate mechanical engineer from a duly recognized school of technology or a graduate of an approved engineer apprentice training program.</p>
5A	High-pressure stationary steam boilers not in excess of twenty-five (25) horsepower and steam pressure not in excess of 125 pounds per square inch. At least six (6) months experience in the care and operation of steam boilers.
6	Steam and hot water heating boilers, where the steam pressure does not exceed fifteen (15) pounds per square inch and steam or hot water heating boilers do not exceed two hundred (200) horsepower [twenty eight thousand (28,000) square feet of steam radiation or forty-four thousand eight hundred (44,800) square feet of water radiation at one hundred fifty (150) degrees Fahrenheit]; at least one (1) year experience as a fireman or operator of boiler other than a Miniature boiler.

Do I qualify for waiver?

Currently, there is no waiver or reciprocity for stationary engineers.

I'm ready to take my exam. Is there a study guide?

Exam reference materials are listed in the table below. All exams are **closed** book.

Where can I find more information on training and resources?

International Union of Operating Engineers, <https://www.iuoe.org/jobs/stationary-engineer>, (202) 429-9100

Steam Engineers – Application Instructions, cont'd

What will I need before I apply?

- ✓ One 2"x2" passport-style photo (.jpeg format)
- ✓ Government-issued identification card (e.g., driver's license)
- ✓ Debit or credit card to pay application, exam, or license fees
- ✓ Employment Verification Letter

Ready to apply? Visit the **Board of Industrial Trades** website at: <https://dlcp.dc.gov/industrialtrades>

NEW APPLICANTS – Begin your online application at: <https://govservices.dhra.dc.gov/newoplaliceses>

EXAM REFERENCES (MULTIPLE CHOICE – CLOSED BOOK)

<u>Class 1 Stationary Boilers</u>	
<i>References Can Be Purchased Anywhere</i>	
Boiler Operator's Workbook, ATP	Refrigeration & Air Conditioning Technology
Stationary Engineering, ATP	Low Pressure Boiler, ATP
High Pressure Boilers, Frost & Walker	2014 Ugly's Electrical Reference
Steam Plant Operation, McGraw Hill	Electric Motor Control for Integrated System, ATP
Boiler Operator's Guide, McGraw Hill	HVAC Control Systems, ATP
<u>Class 3 Stationary Boilers</u>	
<i>References Can Be Purchased Anywhere</i>	
Boiler Operator's Workbook, ATP	2014 Ugly's Electrical Reference
Stationary Engineering, ATP	Low Pressure Boiler, ATP
High Pressure Boilers, Harold J. Frost & Daryl R. Walker	HVAC Control Systems, ATP
Steam Plant Operation, McGraw Hill	Electric Motor Control for Integrated System, ATP
Boiler Operator's Guide, McGraw Hill	
<u>Class 5A Boiler Operator (25 Horsepower or Less)</u>	
<i>References Can Be Purchased Anywhere</i>	
Low Pressure Boiler, ATP	High Pressure Boilers, Harold J. Frost & Daryl R. Walker
<u>Class 6</u>	
<i>References Can Be Purchased Anywhere</i>	
Low Pressure Boiler, ATP	