

4. Six months experience as an operator of a nontoxic refrigeration unit of at least 250 tons capacity and three months experience as an assistant to the licensed operator of a flammable, highly toxic or toxic refrigeration plant; or

5. Six months experience as an operator of a nontoxic refrigeration unit of at least 250 tons capacity, and satisfactory proof of completion of sufficient education in operation of a flammable, highly toxic or toxic refrigeration plant in an educational program approved by the Division of Vocational Education of the New Jersey Department of Education.

Amended by R.1990 d.24, effective January 16, 1990.
See: 21 N.J.R. 3247(a), 22 N.J.R. 235(a).

"System" changed to "unit".

Amended by R.1996 d.588, effective December 16, 1996.
See: 28 N.J.R. 4060(a), 28 N.J.R. 5224(a).

In (a)5, added reference to operating above specified psig.

Amended by R.1997 d.537, effective January 5, 1998.

See: 29 N.J.R. 3416(a), 30 N.J.R. 73(a).

Amended by R.1999 d.304, effective September 7, 1999.

See: 31 N.J.R. 1556(a), 31 N.J.R. 2604(b).

In (a), inserted references to highly toxic refrigeration plants in 1, 2, 4 and 5, and inserted a reference to highly toxic refrigeration systems in 3.

5:11-8.9 Eligibility for nuclear engineer's license

To be eligible for nuclear engineer's (3-C) examination, the applicant shall hold certification from the United States Nuclear Regulatory Commission qualifying him to operate nuclear power equipment.

5:11-8.10 Eligibility for long boom crane operator's license

To be eligible for a hoisting machine long boom crane operator's (7-C) examination, the applicant shall have had at least six months experience as an operator of crane, at least three months of which experience shall be documented as having been with boom length of over 99 feet, or shall have successfully passed the National Commission for the Certification of Crane Operators Examination.

Amended by R.1990 d.24, effective January 16, 1990.

See: 21 N.J.R. 3247(a), 22 N.J.R. 235(a).

Specification of crane length added at (b).

Amended by R.1997 d.537, effective January 5, 1998.

See: 29 N.J.R. 3416(a), 30 N.J.R. 73(a).

Amended by R.1999 d.304, effective September 7, 1999.

See: 31 N.J.R. 1556(a), 31 N.J.R. 2604(b).

Rewrote the section.

5:11-8.11 Eligibility for second grade engineer's license (red seal)

(a) To be eligible for a second grade engineer's examination, the applicant shall have a third grade license and shall have had at least one year's subsequent practical experience in the operation of equipment requiring supervision by a second grade or first grade engineer.

(b) Experience of an equivalent amount for the grade or classification from some other jurisdiction may be substitut-

ed if approved by the Bureau of Boiler and Pressure Vessel Compliance.

Amended by R.1997 d.537, effective January 5, 1998.

See: 29 N.J.R. 3416(a), 30 N.J.R. 73(a).

Added (b).

5:11-8.12 Eligibility for first grade engineer's license (gold seal)

(a) To be eligible for a first grade engineer's examination in any classification, the applicant shall have:

1. A second grade license and subsequently served one year as chief engineer in a plant requiring supervision by a second grade engineer; or

2. A second grade license with two years subsequent practical experience as an operating engineer in a plant requiring supervision by a first grade engineer; or

3. Equivalent experience and licenses from some other jurisdiction. Documentation regarding the other jurisdiction's licensing and eligibility requirements shall accompany the application.

Amended by R.1990 d.24, effective January 16, 1990.

See: 21 N.J.R. 3247(a), 22 N.J.R. 235(a).

Stylistic changes.

Amended by R.1997 d.537, effective January 5, 1998.

See: 29 N.J.R. 3416(a), 30 N.J.R. 73(a).

Rewrote (a)3.

5:11-8.13 Other eligibility considerations

(a) An applicant for an original license, change of classification or raise of grade may show in writing, as a substitute for up to 50 percent of the experience listed in N.J.A.C. 5:11-8.4 through 8.12, nonoperating experience, such as servicing, maintenance, repair or installation of equipment; or satisfactory proof of completion of formal education or academic study embracing such equipment.

(b) When an applicant's operating engineer experience and training warrants, the Bureau of Boiler and Pressure Vessel Compliance may determine the classification and grade of license most suitable.

(c) The Bureau of Boiler and Pressure Vessel Compliance may consider an applicant's experience of an equivalent amount for grade or classification from some other jurisdiction. Documentation regarding the other jurisdiction's licensing and eligibility requirements shall accompany the application.

Amended by R.1990 d.24, effective January 16, 1990.

See: 21 N.J.R. 3247(a), 22 N.J.R. 235(a).

Equivalent provisions added at (c).

Amended by R.1997 d.537, effective January 5, 1998.

See: 29 N.J.R. 3416(a), 30 N.J.R. 73(a).

In (c), added a second sentence.

Amended by R.1999 d.304, effective September 7, 1999.

See: 31 N.J.R. 1556(a), 31 N.J.R. 2604(b).

In (a), changed N.J.A.C. reference.

5:11-8.14 Examinations

(a) Examinations shall be held each month in Trenton, and at various other times and places throughout the State when warranted, and shall be conducted by an examiner.

(b) Applicants shall be notified when and where to appear for the examination.

(c) Applicants who are unable to appear on the date noticed shall notify the Bureau of Boiler and Pressure Vessel Compliance at least five days prior to the examination date, with the exception of documented illness or accidents. Postponements shall be granted no more than two times per application. Failure to appear for the examination shall be considered sufficient cause to void the application, unless a satisfactory explanation is given for failing to appear.

(d) Failure to appear for the examination or to obtain a passing grade shall not entitle the applicant to a refund of any fee.

(e) Examinations for any license shall be conducted in a written form and shall consist of as many questions and be of such nature as the Bureau of Boiler and Pressure Vessel Compliance shall consider appropriate for the license desired. The questions shall pertain to the safe operation of steam and hot water boilers, appliances, auxiliaries and any other equipment common to modern plant operation and as covered by the licensing Act.

(f) An applicant for a special or boiler operator's license may, upon prior request, be examined through a reader or interpreter accompanying the applicant provided the reader or interpreter is acceptable to the Bureau of Boiler and Pressure Vessel Compliance.

(g) Questions used in the examination shall not be copied by any applicant or retained by the applicant after examination or taken from the presence of the examiner during the examination. Violation of this subsection shall be sufficient cause to disqualify the applicant and subject him or her to a maximum fine of \$500.00.

Amended by R.1990 d.24, effective January 16, 1990.

See: 21 N.J.R. 3247(a), 22 N.J.R. 235(a).

Stylistic changes.

Amended by R.1997 d.537, effective January 5, 1998.

See: 29 N.J.R. 3416(a), 30 N.J.R. 73(a).

In (c), added the first and second sentences; in (e), added a second sentence; deleted former (f); and in (g), provided for fines.

5:11-8.15 Granting of license

(a) A license shall be granted and designated Grade A when an average of 80 percent or more is attained on a Grade A examination.

(b) A license shall be granted and designated Grade B when an average of 70 percent or more is attained on a Grade B examination.

(c) A license shall be granted and designated Grade C when an average of 70 percent or more is attained on a Grade C examination.

(d) All other licenses specified in N.J.A.C. 5:11-3 shall have a minimum passing grade of 65 percent, with the exception of the boiler operator special license specified in N.J.A.C. 5:11-3.4(b)2, and Table 3.4, which shall be issued on a passing grade of 60 percent.

(e) A license issued after examination covering one or more classifications shall be valid in any plant where the classification is within the scope of the license issued.

(f) Licenses merely bearing the impression of the seal of the Department of Community Affairs shall be issued as special licenses and are limited to the operation of equipment specified on the face thereof. When required, special licenses may be issued to operators of steam-driven prime movers that do not produce power, and to operators of non-conventional boilers, such as, but not limited to, electric, or conventional high pressure boilers of over six to 100 horsepower.

1. Licenses for waste heat, coil, and electric boilers over 100 horsepower shall be issued as are all other high pressure license certificates, but are limited to use and operation of the equipment type indicated on the face of the license certificate. This license is not interchangeable with any other type of fired or unfired boiler and pressure vessel license.

(g) Duplicate licenses for part-time employment may be issued at the discretion of the Commissioner.

1. The fee for a duplicate license is \$3.00 for one year.

2. A request by the licensee for a duplicate license shall be accompanied by a letter from the company desiring to employ the licensee.

3. The duplicate license shall specify the plant where it is to be used and may be transferred when approved following written request.

4. A Chief Engineer may not request a duplicate part-time license for secondary location employment.

Amended by R.1990 d.24, effective January 16, 1990.

See: 21 N.J.R. 3247(a), 22 N.J.R. 235(a).

Restrictions on Chief Engineer added at (g)4.

Amended by R.1996 d.588 effective December 16, 1996.

See: 28 N.J.R. 4060(a), 28 N.J.R. 5224(a).

In (c), changed license threshold from 60 to 70 percent; rewrote (d); and in (f), deleted reference to coil and waste boilers and license transfers.

Amended by R.1999 d.304, effective September 7, 1999.

See: 31 N.J.R. 1556(a), 31 N.J.R. 2604(b).

In (d), substituted a reference to boiler operator special licenses for a reference to Fireman Special licenses, changed N.J.A.C. reference; in (e), substituted a reference to classifications for a reference to classes of engineering; and in (f), rewrote the second sentence in the introductory paragraph, and added 1.