



National Institute for the Uniform Licensing of Power Engineers, Inc.
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NIULPE, Inc.

SCHEDULE "C"

POWER ENGINEER CERTIFICATION QUALIFICATIONS

1. FIFTH CLASS POWER ENGINEER

Minimum age: 18

Education: High School Diploma / GED or Equivalent and Completion of an industry recognized courseware with 39 hours of validated education with assessments on the subject matter contained within the NIULPE 5th Class Power Engineer Syllabus or equal.

Experience: 6 months within the industry- Supervised or the above referenced education,

Examination: Written

NIULPE, Inc. recommended guidelines establish that a FIFTH Class Power Engineer can operate under the following criteria:

Maximum Boiler: 35 BHP, High Pressure / Unlimited Low Pressure - (Unsupervised)

Maximum HVACR: 50 tons - (Unsupervised)

2. FOURTH CLASS ENGINEER

Minimum age: 18

Education: High School Diploma / GED or Equivalent and completion of a NIULPE approved courseware with a minimum of 39 hours of validated education with assessments on the subject matter contained within the NIULPE 4th Class Power Engineer Syllabus or equal.

Experience: 6 months with a 5th Class Power Engineer Certification or equivalent 5th Class education or 1 year of related experience.

Examination: Written

Minimum time in previous grade: (6 Months – Upgrade Only)*

NIULPE, Inc. recommended guidelines establish that a FOURTH Class Power Engineer can operate under the following criteria:

Maximum Prime Mover: 1700 HP

Maximum Boiler: 350 BHP, High Pressure / Unlimited, Low Pressure

Maximum HVACR: 1200 tons

3. THIRD CLASS ENGINEER

Minimum age: 21

Education: High School Diploma / GED or Equivalent and completion of a NIULPE approved courseware with assessments on the subject matter contained within the NIULPE 3rd Class Power Engineer Syllabus or equal.

Experience: Two years with a 4th Class Power Engineer Certification or equivalent 4th Class education or 3 years of related experience.

Examination: Written

Minimum time in previous grade: (2 Years - Upgrade only)*

NIULPE, Inc. recommended guidelines establish that a THIRD Class Power Engineer can operate under the following criteria:

Maximum Prime Mover: 13,500 HP

Maximum Boiler: 4,000 BHP, High Pressure / Unlimited, Low Pressure

Maximum: HVACR: 6,700 tons



4. **SECOND CLASS ENGINEER**

Minimum age: 24

Education: High School Diploma / GED or Equivalent and completion of a NIULPE approved courseware with assessments on the subject matter contained within the NIULPE 2nd Class Power Engineer Syllabus.

Experience: Three years with a 3rd Class Power Engineer Certification or (6) six years of related industry experience and completion of a NIULPE approved courseware with assessments on the subject matter contained within the NIULPE 2nd Class Power Engineer Syllabus.

Examination: Written

Minimum time in previous grade: (3 Years - Upgrade only)*

NIULPE, Inc. recommended guidelines establish that a SECOND Class Power Engineer can operate under the following criteria:

Maximum Prime Mover: Unlimited

Maximum Boiler: 13,000 BHP, High Pressure / Unlimited, Low Pressure

Maximum HVACR: Unlimited

5. **FIRST CLASS ENGINEER**

Minimum age: 27

Education: High School Diploma / GED or Equivalent and completion of a NIULPE approved courseware with assessments on the subject matter contained within the NIULPE 1st Class Power Engineer Syllabus.

Experience: Six years with a 2nd Class Power Engineer Certification or (6) six years of related industry experience and completion of a NIULPE approved courseware with assessments on the subject matter contained within the NIULPE 2nd Class Power Engineer Syllabus.

Examination: Written

Minimum time in previous grade: (2 Years - Upgrade only)*

NIULPE, Inc. recommended guidelines establish that a FIRST Class Power Engineer can operate under the following criteria:

Maximum Prime Mover: Unlimited

Maximum Boiler: Unlimited, High Pressure & Unlimited, Low Pressure

Maximum HVACR: Unlimited

6. **CHIEF ENGINEER**

Minimum age: - 30

Education: High School Diploma / GED or Equivalent and completion of a NIULPE approved courseware with assessments on the subject matter contained within the NIULPE Chief Power Engineer Syllabus.

Experience: - First Class NIULPE Certification and Current Supervisory Status

Examination: - Written

Minimum time in previous grade: (12 Months)

NIULPE, Inc. recommended guidelines establish that a CHIEF Power Engineer can operate under the following criteria:

Maximum Prime Mover Hp: Unlimited

Maximum Boiler: Unlimited

Maximum HVACR: Unlimited

* This requirement may be adjusted by NIULPE, Inc. based upon the experience of the applicant.