

C - X
THE SKILLED CRAFTSMAN
AND OPERATIVE SERVICE [038]

CODE NO. 91639

SENIOR STATIONARY ENGINEER (ELECTRIC)

General Statement of Duties and Responsibilities

Under general direction, is in responsible charge of the operation, maintenance, repair, testing and adjustment of all equipment, apparatus and structures of one or more electrically powered plants; performs related work.

Examples of Typical Tasks

Is in responsible charge of the operation, inspection, maintenance, repair, testing and adjustment of equipment, such as: generators, pumps, transformers, electric motors, bearings, switchboards, controllers, compressors, meters, gauges, valves, fittings, heating apparatus, converters, rectifiers, controls and circuit breakers of one or more electrically powered plants, such as pumping stations, sewage treatment plants, etc.

Supervises, coordinates and is responsible for the work of Stationary Engineers (Electric) and other plant employees.

Keeps records, makes inspections and prepares reports.

Prepares requisitions for materials, services and repairs that may be required.

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SENIOR STATIONARY ENGINEER (ELECTRIC) (continued)

Qualification Requirements

1. Six years of full-time satisfactory experience within the last 10 years in responsible charge of the operation of plants or facilities utilizing high tension electrical equipment (over 600 volts), including troubleshooting and repairing such equipment, in one or more of the following: electrical generating stations, electrical switching stations, water treatment plants, wastewater treatment plants, water pumping stations or high volume ventilation systems, one year of which must have been in a supervisory capacity; or
2. Three years of full-time satisfactory experience as described in "1" above, one year of which must have been in a supervisory capacity, and a baccalaureate degree in electrical, civil or mechanical engineering from an accredited college; or
3. Five years of full-time satisfactory experience as described in "1" above, one year of which must have been in a supervisory capacity, and an associate degree in Science or Applied Science from an accredited college with a major in Water Quality Monitoring, Wastewater Treatment Plant Operations, Environmental Health, Environmental Control, Electrical Technology or Mechanical Technology; or
4. Three years of full-time satisfactory experience as described in "1" above, and four years of full-time satisfactory experience as an electrician; one year of this experience must have been in a supervisory capacity; or

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Qualification Requirements (continued)

5. Six years of full-time satisfactory experience within the last 10 years as an electrician, including three years of full-time satisfactory experience troubleshooting and repairing high tension electrical equipment (600 volts or more), as described in "1" above; one year of this experience must have been in a supervisory capacity; or
6. A satisfactory combination of education and/or experience which is equivalent to "1", "2", "3", "4" or "5" above. Education may be substituted for experience on the basis that one year of experience is equivalent to 60 semester credits from an accredited college leading to a baccalaureate or associate degree in one of the disciplines described in "2" or "3" above. However, all candidates must have at least three years of satisfactory experience as described in "1" above, except for candidates who qualify under "5" above, and at least one year of supervisory experience.

License Requirement

Must possess a motor vehicle driver license valid in the State of New York. This license must be maintained for the duration of employment.

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Certificate Requirement

Candidates appointed to the Wastewater Treatment Plants operated by the Department of Environmental Protection must possess certification as a Grade 3A Operator of Public Sewage Treatment Plants by the New York State Department of Environmental Conservation. This certification must be maintained for the duration of the assignment.

Direct Lines of Promotion

From: Stationary Engineer (Electric)
(91645)

To: None