

**CLASS TITLE: ELECTRICIAN (CORRECTIONS)**

**Class Code: 02335100**  
**Pay Grade: 18G**  
**EO: G**

**CLASS DEFINITION:**

**GENERAL STATEMENT OF DUTIES:** To install, inspect, maintain, modify and repair electrical lines, equipment and apparatus in secured and unsecured areas of a correctional institution; to train and supervise institutional inmates in the performance of various tasks involved; and to do related work as required.

**SUPERVISION RECEIVED:** Receives work assignments from a superior with considerable latitude for the use of independent judgment in the application of the practices and techniques of the trade; work is reviewed usually upon completion for satisfactory performance.

**SUPERVISION EXERCISED:** Lays out and supervises the work of helpers and inmate laborers who are assigned to assist.

**ILLUSTRATIVE EXAMPLES OF WORK PERFORMED:**

To lay out and supervise the work of helpers and inmates engaged in installing, inspecting, maintaining, repairing electric wires and cables (including those carrying high voltage), power appliances, machinery, overhead circuits, underground conduits and pole lines.

To read blueprints and wiring diagrams necessary for the proper execution of electrical installation and repair projects.

To install, inspect, regulate and repair all types of electrical fire alarm systems.

To maintain and repair various types of electrical equipment, such as refrigerators, stoves, elevators and laundry machinery.

To install, operate, maintain and repair various electrical equipment and apparatus, including lighting control and lighting contact boards, public address systems, thermostatically controlled heating and ventilating units and generators.

To instruct inmates on the proper use of tools and techniques applied to electrical work.

To observe inmates performing routine tasks and to ensure that proper security protocols are followed at all times.

To inspect, make minor repairs to, clean and oil motors and generators.

To install, inspect and maintain communication, signaling and other electronic systems.

To regulate, and repair electric master and secondary clocks.

To do related work as required.

**REQUIRED QUALIFICATIONS FOR APPOINTMENT:**

**KNOWLEDGES, SKILLS AND CAPACITIES:** A thorough knowledge of the principles, practices, techniques, tools, equipment and materials used in the electrician trade; a working knowledge of safety codes enforced by the State; skill in the use of trade tools and materials; the ability to read and work from electrical wiring diagrams and blueprints; the ability to handle high voltage wires; the ability to understand and to follow oral and directions; the ability to plan and lay out work for others; the ability to supervise and instruct inmate workers; and related capacities and abilities.

**EDUCATION AND EXPERIENCE:**

Education: Such as may have been gained through: completion of ten school grades; and

Experience: Such as may have been gained through: employment as a journeyman electrician.

Or, any combination of education and experience that shall be substantially equivalent to the above education and experience.

SPECIAL REQUIREMENT: Must possess a journeyman electrician's license issued by the Rhode Island State Board of Examiners of Electricians and must maintain such licensure as a condition of employment.

Class Revised: July 24, 1994

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