



Electrician IV

Salary Group: A20

Class Code: 9808

<u>CLASS TITLE</u>	<u>CLASS CODE</u>	<u>SALARY GROUP</u>	<u>SALARY RANGE</u>
ELECTRICIAN I	9802	A14	\$31,144 - \$49,134
ELECTRICIAN II	9804	A16	\$34,918 - \$55,130
ELECTRICIAN III	9806	A18	\$39,521 - \$64,449
ELECTRICIAN IV	9808	A20	\$45,158 - \$73,788

GENERAL DESCRIPTION

Performs highly advanced (senior-level) work in the maintenance and repair of electrical equipment and circuits. Work involves overseeing the installation, replacement, and maintenance of electrical systems, apparatus, components of machinery, and equipment. May serve as a lead worker providing direction to others. Works under limited supervision, with considerable latitude for the use of initiative and independent judgment.

EXAMPLES OF WORK PERFORMED

Oversees the installation, replacement, and maintenance of electrical systems, apparatus, circuits, and electrical components of machinery and equipment.

Coordinates the inspection, testing, and troubleshooting of electrical equipment, lighting, and power circuits.

Develops plans and specifications for maintenance and renovation projects.

Estimates time and material used on projects.

Reviews the layout of electrical wiring to ensure compliance with specifications and electrical codes.

Inspects electrical systems, equipment, and components to identify hazards, defects, and the need for adjustment or repair to ensure compliance with electrical codes.

Maintains records and prepares reports on repairs and service to equipment.

Plans and coordinates the installation of electrical systems.

Plans long-range electrical maintenance programs.

May serve as a lead worker providing direction to others.

Performs related work as assigned.

GENERAL QUALIFICATION GUIDELINES

EXPERIENCE AND EDUCATION

Experience in the operation, maintenance, and repair of electrical equipment. Graduation from a standard senior high school or equivalent, supplemented by vocational or special training in an electrical trade, is generally preferred. Experience and education may be substituted for one another.

KNOWLEDGE, SKILLS, AND ABILITIES

Knowledge of general principles and theory of electricity, and of safety regulations.

Skill in the use of tools.

Ability to make maintenance or electrical repairs, to diagnose malfunctioning units, to maintain records, to communicate effectively, and to serve as a lead worker providing direction to others.

REGISTRATION, CERTIFICATION, OR LICENSURE

May require appropriate licensure from the Department of Licensing and Regulation.

May require appropriate hours of on-the-job training and passing an examination issued by the Department of Licensing and Regulation.