

MAINTENANCE ELECTRICIANDEFINITION

Under general supervision of the Director of Maintenance to provide an optimum teaching and learning environment through the performance of skilled electrical work in the construction, installation, modification, repair and maintenance of a variety of electrical systems and equipment; to be responsible and accountable for carrying out a preventive maintenance program to extend the functional life and to avoid malfunctions and replacements of electrical systems and equipment; and to do related work as required.

DISTINGUISHING CHARACTERISTICS

An incumbent of this class is responsible and accountable for journeyman level tasks in the maintenance and repair of all installed electrical and electro-mechanical systems in the District, excepting those covered by maintenance contracts. An incumbent of this class is also available for other types of maintenance work required. May supervise helpers. Incumbents of this class may be required to perform standby alert during off duty hours.

ESSENTIAL FUNCTIONS

Responsible for carrying out preventive maintenance programs.

Performs minor installations of new electrical systems.

Adapts service systems to changing requirements.

Lays out, assembles, installs, tests, and repairs electrical fixtures and apparatus.

Installs interior and exterior wiring for equipment and appliances.

Assists in developing specifications and drawings.

Works in accordance with plans and specifications, sketches, or verbal instructions.

Recommends operational procedures, and instructs operational personnel on use of systems.

Repairs, maintains all types of electro-mechanical equipment and fixtures.

QUALIFICATIONSKnowledge of:

Modern methods, techniques, materials and equipment used in the maintenance and repair of electrical systems and electro-mechanical equipment; appropriate building and safety codes; design, construction, installation, and maintenance of electrical systems and equipment.

Ability to:

Read and understand plans and specifications; apply the principles, methods, materials, and equipment used in electrical work; diagnose electrical problems quickly and effectively; maintain cooperative relationships with those contacted in the course of work; rig and work from ladders and scaffolding; correctly demonstrate sufficient strength, mobility and range of motion to arm lift 60 pounds and floor lift 60 pounds in an employee entrance evaluation.

Experience:

Three years experience in the installation, maintenance, and repair of electrical systems typically found in schools, or a minimum of one year of service in the Intermediate Maintenance class.

Education:

Equivalent to completion of the twelfth grade.

License:

Possession of a valid California driver's license.

3/15/77

Reviewed 1988-89 Classification Study