

ORANGE UNIFIED SCHOOL DISTRICT

SENIOR ELECTRICIAN

DEFINITION

Under general supervision, performs more complex technical and skilled electrical duties in the installation and repair of electrical circuits, systems and equipment; performs preventative maintenance and servicing to electrical motors and equipment; exercises leadership over other skilled workers and helper classes; and performs duties and responsibilities as required

Representative Duties

Takes responsibility for and performs more complex, technical and skilled assignments in the Installs, trouble-shoots and makes repairs to motors, lighting circuits, electrical control equipment, transformers, conduit and duct systems and other types of electrical lighting and power equipment; checks circuits and performs electrical repair of communications equipment; interprets electrical drawings, plans and blueprints; keeps records; surveys cause of damage and makes repairs to all related equipment; recommends replacement if repairs are not economical; maintains inventory of spare parts and supplies; maintains records and files; instructs others in the use, maintenance and repair of all related equipment.

Senior positions in this class report to the Maintenance Supervisor. Exercises senior status, oversees and coordinates work assignments, estimates cost and materials, assist workers in performance of their duties.

ENTRANCE QUALIFICATIONS GUIDE

Training and Experience – Equivalent to:

Three years of journeyman level experience in the repair and maintenance of electrical systems, including one year of leadership experience or similar role. Completion of an approved technical school, or trade school courses in electricity may be substituted for one year of required experience.

Knowledge and Abilities:

Thorough knowledge of: the tolls and methods used in electrical installation and repair work; electrical terms and materials; circuits used in buildings; single and polyphase motors; kitchen, heating, ventilating and blower equipment, portable hand tools; stationary power tools and distribution systems; the National electric Code and the Electrical Safety Orders of the Division of Industrial Safety; electrical blueprints; test equipment such as ohmmeters, monitors, voltmeters etc.

Ability to: use electrical tools, test instruments and other equipment skillfully and safely; read and follow plans and specifications for electrical work; understand and follow oral and written instructions; maintain records.

Positions in this class perform work which involves the frequent lifting, pushing and/or pulling of objects which may approximate 100 pounds.

Physical Demands and Working Conditions

The physical requirements indicated below are examples of the physical aspects that this position classification must perform in carrying out essential job functions.

- This type of work may involve ascending and descending ladders, stairs, scaffolding, and ramps, and will involve walking or standing for extended periods of time.
- This type of work may require the mobility to stand, stoop, reach and bend. Positions in this class require mobility of arms to reach and dexterity of hands to grasp and manipulate small objects.
- Perceiving the nature of sound, near and far vision, depth perception, providing oral information, the manual dexterity to operate equipment and use hand tools, and handling and working with various materials and objects are important aspects of this job.
- Exposure to hot, cold, wet, humid, or windy conditions caused by weather may occasionally be experienced.
- Incumbents may be required to work with harsh or abrasive substances.

Condition of Employment

Insurability by the District's liability insurance carrier.