



Street Lighting Worker

Definition

Under supervision, to perform maintenance and repair of the City's street lighting system including troubleshooting and repair of street light ballasts, capacitors, photo cells, and related circuits.

Supervision Received and Exercised

Receives general supervision from a Public Works Supervisor.

Typical Job Functions

Management reserves the right to add, modify, change, or rescind the work assignments of different positions and to make reasonable accommodations so that qualified employees can perform the essential functions of the job.

Inspects, removes, and repairs street light standards and auxiliary equipment such as control boxes, light fixtures, lamps and circuitry.

Diagnoses street light malfunctions; adjusts, replaces, and modifies electrical and mechanical components.

Relamp street lights, signalized intersections and outside lighting systems belonging to the City.

Investigate reports of street lighting malfunctions and adjust, repair, or remove defective equipment.

Perform line locating for digging.

Design and construct special test equipment.

Keep accurate work records, order supplies, parts and materials.

Performs related work as required.

Qualifications

Knowledge of:

Tools and equipment used to repair, maintain, and troubleshoot street lighting systems.

Theory and principles of electrical and electronic equipment and circuits.

Methods and procedures used to repair and maintain street lighting systems.

Occupational hazards and standard safety precautions.

Ability to:

Test and repair electrical and electronic equipment and installations.

Perform duties while elevated above traffic in basket of a boom truck.

Read and interpret written and oral instructions including blueprints, wiring diagrams, and maintenance manuals.

Develop maintenance schedules and organize parts and tools.

Work with minimal supervision.

Establish and maintain effective working relationships with those contacted in the course of work.

Intermittently, sit while driving, operating equipment, or completing forms/work papers; stand, bend, squat, climb, kneel, twist and reach while inspecting or repairing, and using various tools and equipment; perform simple and power grasping, pushing, pulling, and fine manipulation; distinguish colors used in marking utility facilities or electrical wiring, and lift or carry weight of 75 pounds or less.

Obtain job related certifications including Roadway Lighting Specialist, Work Zone Safety, and related.

Education and Experience

Any combination of experience or training that would provide the required knowledge and abilities is qualifying. A typical way to obtain the required knowledge and abilities would be:

Equivalent to the completion of the twelfth grade.

Three years of experience in the installation, repair, and maintenance of electrical and electronic equipment, preferable including the maintenance of street lighting systems.

Licenses and Certifications

Possession of a valid Class "C" California driver's license.

FLSA: Non-exempt
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