

SENIOR ELECTRIC LINE TECHNICIAN

DEFINITION

To organize, assign and review the work of assigned personnel engaged in construction, maintenance and repair of the electrical transmission and distribution system; to perform duties requiring specialized knowledge; and to provide administrative support to assigned supervisor.

DISTINGUISHING CHARACTERISTICS

This is the advanced journey level in the Electric Line Technician series. Positions at this level are distinguished from other classes within the series by the level of responsibility assumed, complexity of duties assigned, independence of action taken, by the amount of time spent performing the duties, and by the nature of the public contact made. Employees perform the most difficult and responsible types of duties assigned to classes within this series, including providing technical and functional supervision over assigned personnel and perform technically complex duties related to energized voltage. Employees at this level are required to be fully trained in all procedures related to assigned areas of responsibility.

SUPERVISION RECEIVED AND EXERCISED

Receives direction from an assigned supervisor.

Exercises technical and functional supervision over assigned technical staff.

EXAMPLES OF ESSENTIAL DUTIES - Duties may include, but are not limited to, the following:

Plan, prioritize, and review the work of staff assigned to a variety of construction, maintenance and repair duties related to the electrical transmission and distribution system.

Develop schedules and methods to accomplish assignments ensuring work is completed in a timely and efficient manner.

Participate in evaluating the activities of staff, recommending improvements and modifications.

Provide and coordinate staff training; work with employees to correct deficiencies.

Place and remove cross arms; string, tap and repair wires; install and replace insulators and set transformers.

## Senior Electric Line Technician

- 2 -

Set, maintain and repair vaults and pads; splice, terminate and pull cable; install ducts, conduits and risers; and install, maintain and repair substation equipment.

Climb poles, splice and repair energized lines; construct new overhead and underground transmission and distribution lines.

Run service lines from poles to consumer's premises; connect, disconnect and replace service loops; build bypass lines; phase out and cut in new circuits; cut and tap primary lines; pull and terminate underground cables.

Test poles, lines and other facilities; mount street light standards, heads and electrical control devices; trim trees to clear wires; operate aerial bucket truck and high ranger.

Patrol lines throughout the City; observes and reports unsafe conditions.

Check on methods used by crews to ensure adherence to safety guidelines; ensure that protective devices and equipment are used when necessary; conduct safety tailboard meetings and monitor safe working habits throughout project construction.

Perform the most difficult work related to construction, maintenance and repair of the electrical transmission and distribution system.

Build and maintain positive working relationships with co-workers, other City employees and the public using principles of good customer service.

Perform related duties as assigned.

### MINIMUM QUALIFICATIONS

#### Knowledge of:

Principles and practices of technical and functional supervision and training.

Principles of electrical theory as applied to electrical circuits and wiring systems.

Approved methods, materials and tools used in electrical underground or overhead construction, maintenance or repair work.

Local, State, and Federal codes, regulations, and laws pertaining to electric line maintenance and safety.

Department policies and procedures.

Ability to:

Provide technical and functional supervision over assigned staff; effectively train staff.

Perform the most complex duties related to construction, maintenance and repair of the electrical transmission and distribution system.

On a continuous basis, know and understand construction and maintenance activities and observe safety rules; intermittently, analyze problem equipment; identify safety hazards; locate equipment; interpret work orders; remember how to operate equipment; and explain jobs to other employees.

Intermittently, sit while studying or preparing reports; reach, bend, squat, climb, kneel and twist when repairing or installing equipment; perform simple and power grasping, pushing, pulling, and fine manipulation; and lift or carry weight of 50 pounds or less.

Perform complex electrical installation and repair work.

Perform assigned duties a considerable distance above the ground among high tension lines.

Identify electrical system defects and recommend appropriate corrective actions.

Read and interpret sketches, blueprints and diagrams and modify as necessary to complete the work.

Work assigned shift schedules; be available for call-back and on-call assignment.

Work unusual and prolonged work schedules during emergencies, seasonally-caused circumstances in varying weather and temperature conditions.

Communicate clearly and concisely, both orally and in writing.

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

Experience and Training

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

## Senior Electric Line Technician

- 4 -

### Experience:

Two years of responsible journey experience performing duties similar to an Electric Line Technician with the City of Roseville.

### Training:

Equivalent to completion of the twelfth grade and completion of a recognized power line apprenticeship program.

### License and Certificate

Possession of, or ability to obtain, a valid California class A driver's license.

Possession of, or ability to obtain, First Aid and cardiopulmonary resuscitation (CPR) certificates.

08-15-09	Senior Electric Line Technician
03-16-98	
12-29-94	
03-26-90	
10-01-88	
07-01-79	Line Crew Supervisor
01-10-78	Line Crew Chief
10-30-73	
-67	
-65	
-64	Lineman Foreman