

APPRENTICE LINE TECHNICIAN
LINE TECHNICIAN

DEFINITION

To perform skilled electrical repair work in the construction and maintenance of underground and overhead electrical transmission and distribution lines.

DISTINGUISHING CHARACTERISTICS

Apprentice Line Technician - This is the entry level class in the Line Technician series. Positions in this class typically have some directly related work experience and work under immediate supervision while learning job tasks. The Apprentice Line Technician class is distinguished from the Line Technician level by the performance of less than the full range of duties assigned to the Line Technician level. Incumbents work under immediate supervision while learning job tasks, progressing to general supervision as procedures and processes of assigned area of responsibility are learned.

Line Technician - This is the journey level class in the Line Technician series and is distinguished from the Apprentice Line Technician level by the assignment of the full range of duties. Employees at this level receive only occasional instruction or assistance as new, unusual or unique situations arise and are fully aware of the operating procedures and policies within the work unit. Positions in this class are flexibly staffed and are normally filled by advancement from the Apprentice Line Technician level.

This class is distinguished from the Senior Line Technician in that the latter performs advanced journey level work and provides technical and functional supervision to assigned staff.

SUPERVISION RECEIVED AND EXERCISED

Apprentice Line Technician

Receives immediate supervision from an assigned supervisor.

Receives technical and functional supervision from a Senior Line Technician; may receive technical supervision from an Electric Line Technician as appropriate.

Line Technician

Receives general supervision from an assigned supervisor.

Receives technical and functional supervision from a Senior Line Technician.

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

Apprentice Line Technician/ Line Technician

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

Set poles, install cross arms and breakers; string, pull dead ends and energize primary and secondary wires; mount, bus and energize transformers, cable, risers, potheads, substructures, conduits and underground circuits.

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 ,high ranger, line truck, puller and other related utility equipment.

May occasionally maintain and repair switching gear, transformers and related substation equipment; respond to service calls.

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

Apprentice Line Technician

Knowledge of:

Elementary principles of electricity.

Basic methods, procedures, materials and tools used in electrical installation and maintenance.

Safe work practices.

Principles and procedures of record keeping.

Ability to:

Learn complex electrical line installation and repair work.

Learn, understand and follow department policies, procedures, rules and regulations.

On a continuous basis, know and understand operations, and observe safety rules; intermittently analyze problem equipment; identify and locate equipment; interpret work orders; remember equipment location; and explain jobs to others.

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

Learn to identify system malfunctions and recommend appropriate corrective action.

Perform work a considerable distance above the ground among high voltage lines.

Prepare and maintain simple records of activities.

Appropriately stock and load trucks with needed supplies on a daily basis; wash and clean trucks.

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:

Experience:

One year of experience in performing electric ground work on a line crew and completion of a two (2) week Pre-Apprentice school.

Training:

Equivalent to completion of the twelfth grade supplemented by enrollment in a recognized power line apprenticeship program.

License and Certificate

Possession of, or ability to obtain, a valid California class C driver's license upon date of appointment.

Possession of, or ability to obtain, a valid California class A driver's license within six (6) months of date of appointment.

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

Line Technician

In addition to the qualifications for the Apprentice Line Technician:

Knowledge of:

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

Methods, procedures, materials and tools used in electrical installation and maintenance.

Safe work practices.

Department policies and procedures.

Ability to:

Independently perform skilled electrical repair work in the construction and maintenance of underground and overhead electrical transmission and distribution lines.

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:

Experience:

Three years experience performing duties similar to an Apprentice 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 within six (6) months of date of appointment.

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

07-07-10	Removed Pre-Apprentice		
08-15-09	Pre-Apprentice Line Tech		
04-30-98	Apprentice Line Tech	04-30-98	Apprentice Line Tech
12-29-94		12-29-94	
10-01-88		10-01-88	
07-01-79		06-05-87	
01-10-78	Line Crew Apprentice	07-01-79	
10-30-73		01-10-78	Line Crew Electrician
7- - 67		10-30-73	Lineman
-65	Apprentice Lineman		-65
	-64	Lineman	