

HURRICANE CITY

Job Description

Title:	Journey Lineman	Code:	507
Division:	Power	Effective Date:	9/97
Department:	Power	Last Revised:	05/19

GENERAL PURPOSE

Performs a variety of journey level, technical duties related to performing and effecting power system installation, distribution, transmission and maintenance.

SUPERVISION RECEIVED

Works under the general supervision of the Line Crew Forman and Power Superintendent.

SUPERVISION EXERCISED

Provides close to general supervision to apprentice level power linemen.

ESSENTIAL FUNCTIONS

Conducts general technical analysis of line functions and operations as needed to anticipate and prevent line problems; makes recommendations for line specifications on new construction and circuit enhancements.

Performs construction, installation, maintenance and repair of substations, and circuits for overhead and underground power lines.

Accepts on call duties on a rotation basis.

Operates internal generation and operation desk during summer peak period and as needed

Becomes power dispatcher when needed during power emergencies.

Performs as watcher on the ground assuring safety and hazard prevention to the crew.

Performs connecting, installing, maintaining and repairing of energized overhead and underground power distribution and transmission lines; operates line trucks, line working apparatus and heavy equipment; digs pole holes and trenches, sets and frames poles, climbs poles, descends into vaults or trenches, strings lines; locates damaged lines and poles; trouble shoots power distribution equipment to determine problems; splices cables; repairs, sets and terminates transformers; conducts voltage and amperage checks and system tests; replaces cross-arm fixtures; hangs insulators; replaces and repairs fuses, grounds, etc.

Responds to emergency calls; makes connections and disconnection's for customers; informs public of pending outages due to repair; repairs street lights, trims trees and removes other line obstructions; explains problems to public; requests cooperation during repair; ability to use various technical tools including crimpers, hot sticks, cutters, body belts, bucket truck, wire pullers, etc.

Responds to public on various complaints relating to electrical metering (high bills), service irregularities, television and radio interference, power consumption, application and enforcement of various rate schedules or (difference classes of customers); advises and recommends solutions to problems.

Assists in maintaining inventory of instruments, meters, instrument transformers and related equipment, materials and supplies.

Willing to act as Line Crew Foreman in foreman's absence.

Calculates (multipliers out for) meters as a basis for customer billing; reads and computes kilowatts and kilowatt-hours from recording demand meters.

Performs a variety of maintenance testing, calibration and repair on electrical instruments including single phase, watt hour and demand meters, recording volt and amp meters, transformers, etc., use electrical utility programs for testing equipment; tests and maintains equipment; determines cause of meter malfunction.

Conducts tests with recording volt and amp meters in response to customer complaints; performs field meter repairs; assists in locating and correcting causes of interference in transmission and distribution lines; advises customers on use efficiency or problem areas.

Tests personal protective equipment used in high voltage work, including rubber gloves, etc.

Performs miscellaneous duties affecting the overall delivery and quality of power services; including, line locations for underground system; pulls wire; completes termination's and performs shut-offs, utilizes rubber gloving methods; prepares rigging for poles; assists with electrical and GFI inspections; performs substation readings; performs permanent power and temporary power connections; responds to power outages.

Performs routine service on all trucks; conducts safety meetings; performs tree trimming; operates chipper, backhoe, boom trucks, dump truck, etc.

Operates on site generation and schedules power.

Performs other related duties as required.

MINIMUM QUALIFICATIONS

1. Education and Experience:

A. Graduation from high school: plus, two (2) years of specialized training provided through vocational college or professionally sponsored certificate programs:

AND

B. Four (4) years of experience performing above and related duties;

OR

C. An equivalent combination of education and experience.

2. Knowledge, Skills, and Abilities:

Considerable knowledge of general electrical engineering principles and practices; legal environment associated with power utility projects, construction and maintenance; modern methods, principles and practices of power transmission and distribution; operation and maintenance of meters, gauges and instruments associated with electricity and electric power generation and distribution; equipment and materials used in construction and maintenance operations; current codes, standards, safety practices and principles involved in power utility operations.

Journeyman skill in the use of various heavy equipment, hand and power tools crimpers, hot sticks, cutters, body belts, bucket truck, line truck, wirepullers etc.

Ability to keep operating records and prepare reports; establish and maintain effective working relationships with employees, other agencies and the public.

3. Special Qualifications:

Must be a Journeyman Power Lineman through certified program i.e. IPSA, IBEW etc.

Must possess a valid Utah Drivers Commercial Drivers License (CDL) or be able to obtain one within one month of employment.

Must maintain annual continuing education requirements related to licenses and certifications. Must be CPR certified.

Must be willing to accept on-call assignments.

Must live within 12 mile radius of Hurricane City Power service center within 6 month of employment date

4. Work Environment:

Incumbents of the position perform normally in an outdoor, physical environment. Tasks require various physical activities involving muscular strain, related to walking, standing, stooping, sitting, reaching and lifting. Essential functions require talking, hearing and seeing. The existence of common and complex eye, hand, finger dexterity. Mental application utilizes memory for details, verbal instructions, emotional stability, discriminatory thinking and creative problem solving. Daily travel required in normal course of job performance. Regular exposure to changing weather conditions and hazards common to high voltage power system.