

Position Description **Line Worker**

Department: Electric Distribution Classification: Hourly
Section/Group: UAW Local 867 Grade:
Date: March 2014
Reports to (Title): Electric Distribution Supervisor
Directly Supervises (Titles):
Schedule: 7:00 a.m. – 4 p.m., Monday – Friday
(Also on standby and call out lists)

General Purpose

Under the general supervision of the Director of Electric Distribution and Electric Distribution Supervisor, performs skilled line work in the construction, operation, maintenance and repair of overhead and underground electrical transmission and distribution systems, 120 volts through 161, 000 volts, under the direction of a lead worker.

Essential Duties and Responsibilities

Performs overhead electrical distribution system construction and maintenance work, including but not limited to operation, maintenance, and dismantling of equipment, poles, towers and other supporting structures; cross arms, braces, pins, insulators, secondary racks, brackets, guys, wires and other conductors; transformers, meters, switches, fuses, cutouts, lighting arrestors, potheads, instrument transformers, voltage regulators, and other related electric equipment. Installs polyphase transformers.

Performs underground electrical distribution system construction and maintenance work including pulling cable, installing terminations, link or tap boxes, switches, racking cable and splicing in manhole systems, and other cable devices.

Performs substation construction, including structures and equipment.

Responds to trouble and emergency calls and performs necessary maintenance.

Diagnoses electrical faults.

Completes required labor and equipment records.

Will assist in the training and instruction of less tenured or apprentice line workers in appropriate procedures of construction, installation, replacement or maintenance of both

overhead and underground electrical systems. May assign tasks on site and monitor progress of less experienced liner workers.

Performs construction or maintenance work on both energized and de-energized overhead and underground electrical distribution systems, and overhead transmission systems.

Operates all vehicles and related equipment used in both overhead and underground construction and maintenance activities.

Will trim trees to ensure the operating integrity of the Austin Utilities' overhead electrical system as required.

Performs highly advanced technical and electrical work involving the calibration, testing, repair and troubleshooting of protective relays and related equipment.

Installs and maintains SCADA systems and components. Assists in troubleshooting SCADA system.

Troubleshoots and maintains load management system.

Troubleshoots and maintains WiFi and fiber optic communication systems.

Performs voltage power quality and load checks.

Installs, connects and reconnects wire, meters and other electrical services on customer premises.

Installs and maintains street lighting system and signal light system.

Reviews high bill complaints, voltage problems, power quality problems, house fusing, television and radio interference, and other customer complaints/problems.

Keeps inventory, time and material records, as assigned; stocks service vehicles as required. Effectively responds and resolves customer concerns and problems.

Demonstrates the ability to adopt to change in procedures and workload and able to maintain composure when confronted with stressful situations.

Follows established departmental policies and procedures

Maintains good attendance and punctuality

Listens and communicates in an alert, respectful and supportive manner with customers, co-workers, supervisors and other departments.

Works appropriately with persons of varied races, ages and ethical and sociological backgrounds.

Maintains a clean and safe work environment and recognizes unsafe working conditions.

Utilizes proper body mechanics and maintains ergonomically correct position in work area.

Maintains skills and knowledge in the proper and safe techniques for performing job functions.

Performs other duties as assigned by department supervisor/director.

The duties listed above are intended only as illustrations of the various types of work that may be performed. The omission of specific statements of duties does not exclude them from the position if the work is similar, related or a logical assignment to the position.

Minimum Qualifications

Education and Experience:

- A) Graduation from high school or equivalent; and
- B) Graduation from an accredited line worker training program; and
- C) Two (2) years line work experience.

Necessary Knowledge, Skills and Abilities:

- A) Ability to follow proper methods, procedures and safety precautions of line work; ability to understand and follow complex oral and written instructions;
- B) Technical knowledge of electricity, electronics and mechanical ability; and
- C) Ability to perform the physical requirements of the job including discriminating between colors.

Special Requirements:

- A) Ability to obtain Minnesota Class A Commercial Driver's License with Air Brake Rider endorsement within six (6) months of date of hire.
- B) Complete all required sections of Merchants Training Program for the above listed job within the apprenticeship time frame and schedule:
 - 1st 6 months – Must complete five sections + six (6) months OJT
 - 2nd 6 months – Must complete five sections + six (6) months OJT
 - 3rd 6 months – Must complete five sections + six (6) months OJT
 - 4th 6 months – Must complete five sections + six (6) months OJT
 - 5th 6 months – Must complete five sections + six (6) months OJT
 - 6th 6 months – Must complete five sections + six (6) months OJT
 - 7th 6 months – Must complete five sections + six (6) months OJT
 - 8th 6 months – Must complete five sections + six (6) months OJT
- C) Must be willing to accept overtime assignments, standby duty, and working inclement weather.
- D) Submit to D.O.T. required pre-employment, random, post-accident drug and alcohol testing.
- E) Must meet 15-minute response time from employee's home to Austin Utilities' Downtown Plant.
- F) May be required to attend and pass Asbestos Worker Course and any other asbestos related training as required.
- G) Successfully complete any required training and demonstrate proficiency.
- H) Must obtain Minnesota Lineman License within (6) month of completion of apprenticeship program.

Tools and Equipment Used

Motorized vehicles and equipment including pickup, dump truck, bucket truck, digger derrick, backhoe, trenchers, tractors, skid loader, compressors, chipper, pole climbing equipment, hydraulic press, wire cutters, heat sensors, electrical testing equipment, hot sticks, clamp sticks, generator, chain saw, jackhammer, line tracer, stringing rigs and various hand tools including hydraulic, air tools, rubber gloves and sleeves and respirators.

Physical Demands

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is frequently required to stand; walk; use hands to finger, handle, feel or operate objects, tools, or controls with rubber gloves; and reach with hands and arms. The employee is frequently required to sit; climb or balance; stoop, kneel, crouch, or crawl; talk or hear; employee is occasionally required to taste or smell. The employee must be physically able to wear a respirator a per OSHA requirements.

The employee must frequently lift and/or move up to 50 pounds and occasionally lift and/or move up to 100 pounds. Employee should have stamina, strength and coordination, and must be unafraid of heights. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and the ability to adjust focus.

Work Environment

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee regularly works in outside weather conditions. Weather conditions vary from extreme cold (sub-zero) in the winter to very hot and humid during summer months. The employee frequently works near moving mechanical parts and in high, precarious places and is frequently exposed to wet and/or humid conditions, fumes or airborne particles, asbestos, traffic, toxic or caustic chemicals, risk of electrical shock, and vibration.

The noise level in the work environment is usually moderate.

The job description does not constitute an employment agreement between the employer and employee and is subject to change by the employer as the needs of the employer and requirements of the job change.