



Job Title: Lineman

Status: Nonexempt

Date: March 21, 1986

Written By: Nick Wehmeier & Lynn Behrns

Department: Electric

Immediate Supervisor: Electric Foreman

Revised: April 7, 2014

Revised By: Lynn Behrns

Grade: K

Salary Range: \$17.87 - \$24.46

SUMMARY

Under the immediate direction of the Line Foreman or a Lineman, assists in the construction and maintenance of overhead & underground power lines and related electrical facilities and systems.

RESPONSIBILITIES AND DUTIES

Note: This list is neither absolute nor restrictive but indicates approximate responsibilities and duties which may be redefined pursuant to operational needs.

- 1.0 Assist in the maintenance of existing overhead & underground power lines to ensure uninterrupted service.
 - 1.1 Inspects utility poles, using thumping method.
 - 1.2 Participates in the replacement of defective utility poles.
 - 1.3 Replaces defective cross arms and insulators.
 - 1.4 Climbs poles and operates aerial basket to reach a position where work can be performed on power lines.
 - 1.5 Check power lines for proper sag, and adjusts sag, using hoists.
 - 1.6 Replaces split bolts with compression connectors.
- 2.0 Participates in the construction of new power lines.
 - 2.1 Inserts stakes where power line is to be constructed to designate where utility poles are to be erected.
 - 2.2 Covers existing wires with rubber cover-up material to prevent electrical shock.
 - 2.3 Bores holes into ground and sets utility poles, using auger, utility pole handling and hydraulic tamper attachments on digger derrick.
 - 2.4 Climbs poles and operates aerial basket to reach a position where work can be performed on power lines.
 - 2.5 Attaches cross arms to utility poles.
 - 2.6 Strings new wires, using stringing trailer and stringing dolly.
 - 2.7 Secures wires to cross arm insulators and splices wires to adjoining sections of power lines to complete circuits, using various hand tools.
 - 2.8 Energizes new power lines.
- 3.0 Participates in the installation of new transformers.
 - 3.1 Transports new transformers to job sites and transports old transformers from job sites, using digger derrick.

- 3.2 Disconnects defective transformers from power lines and utility poles.
- 3.3 Grounds new transformers and attaches new transformers to utility poles.
- 3.4 Connects new transformers and check to see if customers are receiving power.
- 4.0 Inspects and replaces capacitors.
 - 4.1 Inspects capacitors for defects.
 - 4.2 Replaces defective capacitors.
- 5.0 Installs and maintains customer service drops.
 - 5.1 Installs new service drops to initiate electrical service.
 - 5.2 Inspects existing service drops for defects.
 - 5.3 Repairs and replaces defective service drops.
 - 5.4 Checks to see if customer is receiving appropriate voltage, using voltmeter.
- 6.0 Trims tree limbs and branches to allow proper power line clearance.
 - 6.1 Operates aerial basket to position where limbs and branches can be cut.
 - 6.2 Cuts limbs and branches, using chain saws and handsaws.
- 7.0 Maintains records of voltage used in city.
 - 7.1 Reads substation amperage meters.
 - 7.2 Records amperage being pulled by each phase.
- 8.0 Repairs and maintains street and security lighting systems.
 - 8.1 Replaces electronic eyes, light bulbs, fixtures, ballast, and wire, using various hand tools.
- 9.0 Directs and instructs Apprentice Lineman on proper methods and procedures used in power line construction and maintenance.
- 10.0 Maintains monthly vehicle utilization records, daily work records and inventory records.
- 11.0 Tests electric meters, using electric meter testing device.
- 12.0 Performs duties as needed or assigned.
- 13.0 Assists other departments as needed or assigned.

MINIMUM QUALIFICATIONS

- 1. Substantive work experience and/or training in methods and procedures used in the construction and maintenance of electrical distribution systems.
- 2. Demonstrated ability to operate required equipment.
- 3. Excellent health and physical condition to often permit strenuous work under varying weather conditions.
- 4. Possess a valid Missouri Driver's license and a good driving record. Possess or be able to quickly obtain Class "B" Commercial Driver's License.
- 5. Demonstrated ability to understand and accurately follow oral and written instructions.
- 6. Excellent work history and attendance record.