



Job Title:

Apprentice Lineman

Status: Nonexempt

Date: March 21, 1986

Written By: Nick Wehmeier & Lynn Behrns

Department: Electric

Immediate Supervisor: Electric Foreman

Revised: February 2, 2021

Revised By: Heather Russell

Grade: J

Salary Range: \$20.03 - \$26.08

SUMMARY

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

RESPONSIBILITIES AND DUTIES

Note: This list is not absolute nor restrictive, but indicates approximate responsibilities and duties, which may be redefined pursuant to operational needs.

- 1.0 Assists in the maintenance of existing overhead and underground power lines to ensure uninterrupted service.
 - 1.1 Assists in the removal of defective primary and secondary power lines.
 - 1.2 Assists in the installation of new primary and secondary power lines.
 - 1.3 Climbs utility poles and operates aerial basket to reach a position where work can be performed on power lines.
 - 1.4 Splices primary and secondary wires.
 - 1.5 Inspects utility poles, using thumping method.
 - 1.6 Assists in the replacement of defective utility poles, using digger derrick and hydraulic tamper.
 - 1.7 Operates boom and aerial truck near live high voltage lines.
- 2.0 Assists in the construction of new overhead and underground power lines.
 - 2.1 Inserts stakes designating where new utility poles are to be placed.
 - 2.2 Cover 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 wire, using stringing trailer, stringing dolly, and wire tensioners.
 - 2.7 Secures wires to crossarm insulators and splices primary and secondary wires to adjoining sections of power lines to complete circuits, using various hand tools.
 - 2.8 Climb in and out of ditches; stands in confined area containing mud or water to do underground installation and repair.
 - 2.9 Assists in the energizing of new power lines.

- 3.0 Assist in the installation and maintenance of customer service drops.
 - 3.1 Assist in the installation of new service drops to initiate electrical service.
 - 3.2 Inspects existing service drops for defects.
 - 3.3 Participates in the repair and replacement of defective service drops.
 - 3.4 Checks to see if customers are receiving appropriate voltage, using voltmeter.
- 4.0 Assists in the installation of new transformers and transformer bases.
 - 4.1 Transports new transformers to job sites and transports old transformers from job sites, using digger derrick.
 - 4.2 Assist in the disconnection of defective transformers from utility poles and power lines.
 - 4.3 Participates in the grounding and attachment of new transformers to utility poles.
 - 4.4 Assists in the connection of new transformers to power lines.
 - 4.5 Assists in the energizing of new transformers.
 - 4.6 Checks to see if customers are receiving electricity.
- 5.0 Trims tree limbs and branches to allow proper power lines clearance.
 - 5.1 Operates aerial basket to position self where limbs and branches can be cut.
 - 5.2 Cuts limbs and branches, using chainsaws and handsaws.
 - 5.3 Operates front-end loader to load brush into dump trucks.
 - 5.4 Operates chipper.
- 6.0 Assists in the repair and maintenance of street and security lighting systems.
 - 6.1 Replaces defective electronic eyes.
 - 6.2 Changes light bulbs, fixtures, and ballasts.
- 7.0 Reads, connects, and disconnects residential and commercial electric meters.
 - 7.1 Reads meters and record readings on electric work orders.
 - 7.2 Removes electric meters to discontinue electric service.
 - 7.3 Connects electric meters to initiate electric service.
- 8.0 Stocks truck with crossarms, switchgear, wire, other heavy material, and lines weighing up to 50 pounds.
- 9.0 Performs all work in accordance with established City or Industry Safety Standards.

MINIMUM QUALIFICATIONS

- 1. Ability and desire to learn methods and procedures used in the construction and maintenance of electrical distribution systems.
- 2. Prior electrical experience.
- 3. Excellent health and physical condition to permit often-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 a Class "B" Commercial Driver's License.
- 5. Demonstrate ability to understand and accurately follow oral and written instructions and to fill out time sheets, work orders, and charge outs for material forms.
- 6. Excellent work history and attendance record.