

# Floresville Electric Light & Power System

## APPRENTICE LINEMAN

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### Position Details

Eligible Applicants:	Open to the Public
Job Status:	Full Time
Pay Status:	Non-Exempt
Reports To:	Line Foreman
Typical Schedule:	7:30 a.m. – 4:00 p.m., Monday through Friday
Open Date:	07/15/2022
Close Date:	Until filled
Advertised Salary:	\$25.29

### Essential Functions

The Apprentice Lineman will frame both wooden and steel poles; conducts tailboard discussions; and measures and drills poles to proper specifications for specified job installation. Installs overhead and underground transformers by utilizing framing techniques, using proper specifications, installing cut out combination switch, installing proper fuses in barrel, connecting service to transformer, and providing necessary voltage. Installs primary overhead by attaching conductor to pole; stringing and laying conductor onto insulators; sagging conductor to specified poundage; installing dead end conductor; tying conductor to insulators; and energizing conductor. Installs overhead/underground secondary conductors by stringing service conductor; attaching service to customer side; raising service or pulling to transformer; connecting service to customer and transformer side; energizing service; and checking voltage. Communicates effectively with fellow employees and customers; labels job duties; and prepares customers for temporary outages. Installs underground primary lines by digging trenches to proper depth for conduit; installing conduit in trench and covering up to specifications; installing riser pipes and cutout combination; installing primary conductor in conduit; and terminating conductor when needed.

## **Minimum Qualifications**

- High school diploma or equivalent
- Knowledge of electric distribution system principles and design
- Computer skills to include Microsoft Office suite, electric line design software and work order management system
- No experience to 4 years.
- Demonstrated planning and organizational skills
- Demonstrated effective oral and written communication skills
- Demonstrated effective decision making and problem-solving skills
- Ability to maintain composure and commitment to work during periods of heavy workload and willing to work extra hours whenever needed
- Ability to work alone, work within limitations, and maintain safety conditions
- Completed training classes to include basics of electricity and CPR/First Aid certification
- Mastery of items listed in Appendix A (Journeyman)
- Mastery of items listed in Appendix B (Apprentice)
- Valid Texas CDL driver's license (or obtained within 90 days of employment) with acceptable driving record

## **Physical Demands and Working Conditions**

The employee will be required to work primarily in an outdoor setting with occasional indoor work to be performed. Physical requirements include, but are not limited to, standing, sitting, walking, lifting up to 100 pounds, fine dexterity, foot controls (driving), vision, hearing and talking. Working conditions may involve extended time in variable or adverse weather conditions as well as exposure to vehicle traffic, general construction hazards, heavy equipment and open trenches when on job sites. Post job offer physical, driving record, background check and drug screen required.

## **APPENDIX A**

The Apprentice Lineman shall:

1. Demonstrate ability to climb a wooden utility pole and select proper tools to accomplish this task.
2. Demonstrate mobile crane hand signals and use hand signals to direct a vehicle.
3. Demonstrate ability to perform care and testing of rubber gloves.
4. Demonstrate ability to assemble hardware and materials for poles.
5. Demonstrate ability for proper use of a voltmeter.
6. Demonstrate procedures for performing a butt test on a wooden utility pole.
7. Demonstrate procedures for checking load on a single phase 120/240 volt transformer with amp meter.

8. Demonstrate procedures for checking polarity of a transformer.
9. Demonstrate ability to prepare a transformer for use.
10. Interpret transformer name plate.
11. Demonstrate procedures for using line hoses and blankets.
12. Demonstrate procedures for setting a three (3) and four (4) wire electric meter.
13. Assemble and connect transformer banks, including but not limited to:
  - a. WYE-WYE
  - b. OPEN WYE-OPEN DELTA
  - c. WYE-DELTA CLOSED
14. Demonstrate basic knowledge of troubleshooting a transformer.
15. Demonstrate procedures for working energized conductors from a bucket truck.
16. Demonstrate use of a load break tool.
17. Demonstrate procedures for pole top rescue.
18. Demonstrate procedures for bucket rescue from the ground.
19. Demonstrate procedures for installing cable tags on underground cable.
20. Demonstrate ability to identify underground symbols.