

Title: Utility Plant Inspector
Location: Cornelius, North Carolina
Reports to: Manager, Pole Inspection/GIS Mapping Services

Job Objective:

To systematically inspect and/or inventory a client's electric system for the purpose of identifying potential safety hazards, determining the level of rot or deterioration of wood poles, determining the general condition of the electrical system, and determining the location of electrical components.

Responsibilities:

- Function with only moderate supervision in the inspection of and/or collection of GIS data related to the client's electric distribution system, excluding substations.
- Perform safety inspection process on client's system by inspecting for:
 - ◇ Deteriorating condition of poles or other wood products through the use of a hammer or other simple methods such as probing at and below the ground line.
 - ◇ Condition of pole grounds and all connectors.
 - ◇ Defective or broken insulators.
 - ◇ Condition and sag of overhead conductors, including line ties.
 - ◇ Condition of all equipment mounted on a pole, including guys, anchors, and other ancillary equipment used in the construction of the electric distribution system.
 - ◇ Proper clearances of overhead conductors over ground and structures.
 - ◇ Proper clearances between electric plant and communication cables.
- Records all safety inspection information in handheld device.
- Determines with probing bar or boring if deteriorating wood pole can safely stay in service with proper treatment or if the pole needs to be replaced.
- Treats pole if determines decay does not warrant replacement.
- Operates Trimble® handheld device to gather GIS coordinates of utility plant locations in the field.
- Enters inventory of equipment on utility pole into handheld device.
- Downloads field data to client's mapping system.
- Makes minor repairs to pole grounds and installs guy guards where missing.
- Inventories other utilities (i.e. cable TV and telephone) jointing using client's utility pole.

Relationships and Roles:

Internal / External Cooperation

- Builds and maintains positive external relationships with the company's clients, general public, and other organizations which contribute to the overall success of the organization and reflects positively on the organization and its goals and objective.
- Demonstrates ability to interact and cooperate with all company employees.

Job Specifications:

- 3-5 years of experience in the electric industry.
- High school diploma/G.E.D required. An AAS degree in electrical power technology is preferred.
- Proficiency using personal computers and other handheld electronic data collection devices.
- Proficiency using basic Microsoft programs such as Word, Excel, and Outlook.
- Must demonstrate an ability to learn new software.

- Proficiency in coordinating, organizing, and performing fieldwork safely and reliably without direct supervision.
- Must have arithmetic skills including fractions and percentages.
- Must be capable of performing the required duties with a high degree of accuracy, attention to detail, and be capable of writing clearly and legibly.
- Must be willing to travel to locations in North Carolina, South Carolina, and Virginia on Monday thru Friday of each week requiring some overnight stays.
- Be willing to work overtime hours and outside in all sorts of weather.
- Lifting and moving of weights in excess of 50 pounds is infrequent but occasionally required.
- Must be capable of frequently entering and exiting the motor vehicle and walking long distances over rough terrain is necessary.
- Frequent walking, climbing, stooping, reaching, grasping, and bending is required to carry out job responsibilities.
- Possession of a valid drivers' license with a satisfactory driving history.