

Mainline Plant Technician
Department: Plant
Reports To: Craig Wenande
FLSA Status: Non-Exempt

General Summary

Splices, maintains, repairs and removes coax and fiber optic cable in accordance with construction plans and work orders. Maintains central office cable system. Splices cable to protector devices and the main distribution frame at the central office. Splices customer drop cable to the central office cable system. Mounts demarcation devices and protectors at customer premises.

Essential Job Functions

- Splices coax and fiber optic cables for new construction in accordance with construction plans and drawings.
- Maintains coax and fiber optic cable by performing preventative maintenance.
- Repairs coax and fiber optic cable by performing tests to locate trouble and repair or replace defective cable.
- Removes obsolete cable as appropriate.
- Maintains central office cable system. Splices cable to protector devices and central office main distribution frame and splices customer drop cable to the central office cable system.
- Mounts demarcation devices and protectors at customer premises and attaches individual house or service cable pair of central office feeder cable.
- Performs all other related duties as assigned by management.*

Knowledge, Skills, and Abilities

- Knowledge of telecommunication construction and cable installation practices and procedures.
- Knowledge of voice communications and digital technology.
- Knowledge of state and federal safety regulations.
- Knowledge of RUS practices and standards.
- Knowledge of company products and services.
- Knowledge of company policies and procedures.
- Skill in operating service equipment including splicing materials, pedestals, marking materials, cable reel trailers, and various hand tools and testing equipment.
- Skill in reading cable schematics, fiber count reports and verification reports.
- Ability to communicate with co-workers and various business contacts in a professional and courteous manner.
- Ability to read and interpret documents such as maps, staking sheets, and operating and maintenance instruction manuals.
- Ability to pay close attention to detail.

- Ability to work independently and make sound technical decisions using information at hand.
- Ability to effectively function as a team player.

Education and Experience

High school diploma or equivalent plus one to three years of technical training. One year of experience in telephone plant operations is also required.

Physical Requirements

- Seeing: Must be able to service orders and trouble reports (75-100%)
- Hearing: Must be able to hear well enough to communicate with employees and industry contacts (75-100%)
- Standing/Walking: Must be able to move about work site (50-74%)
- Climbing/Stooping/Kneeling: Must be able to stoop, kneel and crawl to perform splicing (50-74%)
- Lifting/Pulling Pushing: Must be able to lift at least 40lbs. (25-49%)
- Fingering/Grasping/Feeling: Must be able to use testing and splicing equipment. (75-100%)

Working Conditions

This factor measures the surroundings or physical conditions under which a job must be done and the extent to which those conditions make the job disagreeable. Consider the presence and relative amount of exposure to dust, dirt, heat, fumes, contaminants, cold, noise, vibration, wetness, etc.

Somewhat disagreeable working conditions due to the continuous exposure to one or more of the elements listed above. Exposed to one element continuously or several elements occasionally, but usually not at the same time.