

Copper Valley Telephone Cooperative

Position Title: Telecommunications CO Technician	Department: Plant
Reports To: Plant Superintendent	FLSA Status: Non-Exempt

General Summary:

Troubleshoots and maintains central office (CO) switching systems, including expanding, replacing, and repairing all CO facilities. Performs acceptance testing. Maintains and completes records, logs and reports as appropriate.

Essential Job Functions:

- Performs maintenance/troubleshooting of circuits and installation/turn-up on vendor specific internet/voice networks including associated wiring/equipment.
- Troubleshoots and maintains Central Office switching systems. Queries system for status reports and trouble isolation.
- Ensures functionality of newly installed Central Office equipment by performing acceptance tests as appropriate.
- Interact/assist other technical personnel in the performance of their duties when requested.
- Maintains and completes records, logs, reports and as-built documents and forwards to appropriate personnel.
- Performs all other related duties as assigned by management.*

*These tasks do not meet the Americans With Disabilities Act definition of essential job functions and are usually less than 5% of time spent. However, these tasks still constitute important performance aspects of the job.

Knowledge, Skills, and Abilities:

- Possess a thorough background, working knowledge, and experience with troubleshooting, installing, and repairing ADSL, VDSL, AE, T1, Ethernet, SONET, and GPON.
- Experience with optical transport, FTTX, IP/PBX, and IP (L2/L3) switching and routing.
- Working knowledge of Adtran, Calix, Fujitsu, Metaswitch, Turn, Occam, and alarming platforms.

- Ability to interface with equipment utilizing CLI and/or GUI.
- Ability to work onsite at remote CVT facilities or proposed facilities in areas necessitating travel by foot, all-terrain vehicles, pickup trucks, boats, and single engine aircraft in varying often extreme climatic conditions independently.
- Basic electricity training and/or certification and the ability to maintain batteries and rectifiers in the central office.
- Read, interpret and correct wiring and circuit layout records.
- Knowledge of company policies and procedures.
- Knowledge of company products and services.
- Skill in operating a personal computer, MS Office, Putty, and interfacing with vendor equipment.
- Skill in oral and written communication.
- Skill in operating a wide variety of tools and work equipment.
- Ability to communicate with customers, employees, consultants, contractors, suppliers, and various business contacts in a professional and courteous manner.
- Ability to travel.
- Ability to work overtime when needed.
- Ability to work independently.

Education and Experience:

High School diploma or equivalent plus four years (8,000 hours) of CO plant experience. Must have a valid drivers license and satisfactory driving record.

Physical Requirements:

PHYSICAL REQUIREMENTS	0-24%	25-49%	50-74%	75-100%
Seeing: Must be able to distinguish various colors of wires and have excellent depth perception.				X

Hearing: Must be able to hear well enough to communicate with employees and industry contacts.				X
Standing/Walking: Must be able to use snow shoes in snow, mud, water and thick brush.			X	
Climbing/Stooping/Kneeling: Must be able to stoop, kneel and crawl to perform installations.			X	
Lifting/Pulling/Pushing: Must be able to lift and carry up to seventy-five pounds over rough terrain in all weather conditions.		X		
Grasping/Feeling: Must be able to use hand tools and testing equipment.				X

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.

Good working conditions; may involve occasional exposure to some of the elements listed above.

Note: The statements herein are intended to describe the general nature and level of work being performed by employees, and are not to be construed as an exhaustive list of responsibilities, duties and skills required of personnel so classified. Furthermore, they do not establish a contract for employment and are subject to change at the discretion of the employer.