



Central Office Technician Prince Rupert

Position Overview:

The Central Office Technician oversees all central office and remote office telecommunication networks. This includes the installation and maintenance of copper, coax, ethernet, and fiber optic cable systems. This position requires an individual with good organization and technical skills.

Principal Accountabilities:

- Perform installation, maintenance and repairs of central office equipment
- Acceptance testing, activation and deactivation of new central office equipment
- Manage racks, wiring and cabling in central office, contracted collocate area telecommunication rooms and equipment stations
- Perform inspection and maintenance of central office heating, cooling, and power requirements on regular basis
- Identify equipment problems in a timely manner and recommends areas for improvement
- Ensures upgrades and changes are completed in a manner with least negative impact service
- Collects data and prepares traffic studies and cost separations and submits required regulatory reports
- Maintain documentations for installations, maintenance, repairs and inspections
- Performs all other related duties as assigned by management
- Comply with health, safety and environmental policies
- Develop positive working relationship with co-workers
- Demonstrates predictable and reliable attendance

Skills & Competencies:

- Knowledge of Telecommunications, transport and digital switching technology
- Knowledge of Central Office equipment
- Knowledge and high-level understanding of telephony and electricity
- Knowledge of BTI or Fujitsu transport equipment
- Knowledge of Digital Telecommunications
- Knowledge of Fiber Optic Technology
- Knowledge of company products and services
- Knowledge of company policies and procedures
- Knowledge of industry regulations
- Skill in fiber Optic Network maintenance and troubleshooting
- Skill in DWDM technology, timing and synchronization
- Skill in Optical Ethernet and TDM systems
- Skill in Microwave Radio
- Skill in installation and maintenance of Lease T1, T3, DS1 and SONET Circuits
- Skill in DSL maintenance, installation and troubleshooting
- Skill in routing and switching equipment and IP addressing
- Skill in analytical thinking and problem solving
- Skill in AC/DC Power Maintenance and generators



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- Ability to communicate with co-workers and various business contacts in a professional and courteous manner
- Ability to read and interpret documents such as schematics, blueprints and circuit diagrams
- Ability to pay close attention to detail
- Ability to evaluate, test, and repair sophisticated equipment
- Ability to improve or redesign procedures for specific installation/repair problems
- Ability to work independently and make sound technical decisions using information at hand
- Ability to create a team environment and sustain employee morale

Education and Experience:

- Associate degree in Engineering or equivalent
- Three to five years' experience in Central Office operations or Computer Engineering
- A Networking (IP) or Telecommunication background, and IT certifications preferred

To apply for the position, submit a résumé and cover letter to the attention of Human Resources at recruitment@cwct.ca

We thank all applicants in advance for their interest, but we will only be contacting short-listed candidates for interviews.