

## **Lead Telecommunications Technician**

The South Hadley Electric Light Department (SHELD), a municipal electric utility company with 8,000 customers and over a century of service to the people of South Hadley, is seeking a qualified Lead Telecommunications Technician who will be responsible for deploying fiber optic, wireless and low voltage telecommunications construction assignments in accordance with project initiatives.

### **Position Responsibilities:**

- Provide Central Office / Headend Duties of tracing fiber, fiber splicing aerial and underground installations.
- Conduct site assessments, plan and install telecommunications for potential locations to the customers' premise for SHELD FTTH and FTTB service.
- Responsible for Fiberoptic & Coax splicing, reconfiguration, and activation to ensure system is properly operating using a signal strength meter (optical & copper).
- Ensure Node Optimization (Outside Plant and Headend)
- Install fiber optic enclosures, nodes, cable, ONT and related equipment
- Splice, terminate, and label fiber in equipment racks inside head-ends, hub sites or other facilities as necessary.
- Must be able to troubleshoot fiber issues with OTDR and power meter.
- Knowledge of Fiber Optics CWDM and DWDM.
- Comprehend GPON Design Prints
- Fusion splicing, documentation, certification as needed.
- Able to read fiber schematics along with map and electronic design.
- Operate aerial bucket truck along with hand tools.
- Perform work tasks in a safe and craftsmanship manner assuring public and work safety at all times.

### **Job Knowledge/Skills Required:**

- Must have 10 years' experience with HFC / Fiber Optic cable plants.
- Proficiency using related splicing equipment including fusion splicers, OTDR, fiber identifiers, all related splicing tools, documents and industry safety procedures.
- SCTE / NCTA or equivalent certifications in Broadband applications.
- Ability to distinguish between colors.
- Familiar with CATV standards, applications, processes, and procedures.
- Extensive experience in all aspects of fiber optic & communications construction.
- Installation of coax, twisted pair cabling and troubleshooting customer's equipment a plus.
- Familiar with OSHA safety standards and requirements for worksite applications.

- Knowledgeable of bucket truck operation, safety procedures and proper traffic safety set up.
- Must be able to problem solve with customers

**Qualifications and Physical Requirements:**

- High school diploma or GE
- Must possess a valid Massachusetts driver's license.
- Safe driving record accepted by our insurance company.
- Able to lift 80 pounds.
- Able to work in confined spaces and heights of 40 feet.
- Dependable and accountable.
- Must live within a reasonable driving distance and be able to report to work within 30 minutes as defined in the Union contract.
- Must be able to be on call.

This is a full-time position with excellent benefits including a Massachusetts Public Employee Pension Plan. Qualified candidates can apply for this position by submitting a cover letter and resume via email to [kmendoza@sheld.org](mailto:kmendoza@sheld.org) , Kim Mendoza at South Hadley Electric Light Department.