

Fiber Optics Technician

Position performs construction, repair, and maintenance of the OSP FTTH communications system, as well as analyzing reports and troubleshoots system Equipment from the OCD Cabinets to and including customer premise equipment. Work is technical in nature, requiring specialized training and the use of sophisticated instruments, is performed with considerable independence at remote locations or after usual working hours, including a 24-hour on-call rotation schedule.

About the role:

Interprets work orders, plans, drawings, and specifications for fiber optic lines, splices, communications equipment. Installs fiber and troubleshoots fiber cable and communications equipment in compliance with applicable standards, codes, and regulations. Performs maintenance, construction and service of all fiber to the home plant and equipment as needed. Use test equipment such as Optical Light Meters, OTDR, VFL, and calibrate fiber optic equipment, connections, optical transport equipment and associated direct current power supplies. Perform Testing for signal strength and connectivity between equipment associated with FTTH plant. Responds to field issues and outages with little or no assistance. Performs related work as required.

Responsibilities:

- Perform OTDR testing
- Perform troubleshooting of fiber network and equipment
- Read and understand construction prints
- Have knowledge of the OSP construction standards.
- Monitor, repair and record system light levels
- Troubleshoot, repair and replace components from ODC cabinet to MST
- Take light level measurements as needed
- Troubleshoots/repairs problems on the OSP network independently
- Installs fiber optic lines, light losses and other interference
- Tests for light using and compares findings with documentation
- Performs network troubleshooting including ping test, trace routes and speed test
- Other duties as assigned - which may include training other employees
- Identify and report all incidents of noncompliance (OSHA and Medina Fiber standards)
- Responsible for motor vehicle per company policy including equipment & tool inventory, vehicle security and vehicle maintenance
- Provide superior customer service
- Complete all tasks to Medina Fiber quality standards
- Maintain professional appearance and behavior at all times
- Maintain excellent attendance

What you'll bring:

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Able to perform advanced fiber testing and troubleshooting
- Able to work independently
- Able to accurately maintain records, logs, reports, work orders, etc.
- Able to operate office equipment, fax, copier, etc.
- Able to handle escalations and time-critical issues
- Able to read street maps
- Able to work flexible hours as required, including evenings, weekends and on-call shifts
- Must have a valid driver's license and good driving record

Requirements:

- High school diploma or equivalent
- One to two years of experience in the fiber & communication industry
- OSP overhead and bucket truck experience is preferred
- Basic computer skills are preferred, including internet and email. Microsoft efficiency is preferred.
- Must have or be able to obtain a CDL within 6 months of hire date

Working Conditions and Hours:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Ability to work while standing most of the time
- Ability to walk or work over all types of terrain, in all types of weather
- Ability to carry tools and equipment
- Ability to work in tight spaces while bending, twisting and reaching
- Ability to carry, climb and operate extension ladder (approx. 28' & 75lbs)
- Ability to differentiate between different sizes and colors of wires
- Ability to perform work in elevated places (i.e., roofs and utility poles)
- Ability to use drills, hammers, wrenches, screwdrivers and other hand tools
- Ability to work with small components
- Ability to use close vision, peripheral vision and adjust focus
- Ability to move, crawl, bend, stoop, kneel, crouch, reach, pull, push, and grasp

- Ability to lift up to 90 pounds
- Physically able to work computer equipment and test equipment
- Ability to work in environments that may contain dust, dirt, noise, insects and cleaning solutions
- Ability to work safely near power lines and electrical equipment
- Ability to drive company vehicles in a safe manner
- Must be able to meet the physical limit requirements of personal protective equipment, aerial lift equipment, ladders and/or gaffs that may be used in this
- The ability to multi-task is a must
- Team-first mentality



Medina Fiber Equal Opportunity Program Policy

The employees of Medina Fiber represent a talented and diverse workforce. Achieving the full potential of this diversity is a business priority that is fundamental to our competitive success. A key element in our workforce diversity programs is Medina Fiber' commitment to equal opportunity.

Business activities such as hiring, promotion, and compensation of employees, are conducted without regard to race, color, religion, gender, gender identity or expression, sexual orientation, national origin, genetics, disability, situation or age. These business activities and the design and administration of Lit's benefit plans comply with all applicable laws, including those dealing with equal opportunity. For qualified people with disabilities, Medina Fiber makes workplace accommodations that comply with laws applicable to the company, and which Medina Fiber determines are reasonable and needed for effective job performance. In respecting and valuing the diversity among our employees, and all those with whom we do business, managers are expected to ensure a working environment that is free of all forms of harassment.

This policy is based on sound business judgment and anchored in our Medina Fiber values. Every manager at Medina Fiber is expected to abide by our policy, and all applicable laws on this subject, and to uphold our commitment to workforce diversity.