



**GREENFIELD COMMUNITY ENERGY & TECHNOLOGY**  
324 Main Street 2<sup>nd</sup> Floor • Greenfield, MA 01301  
Phone (413) 775-6400 • info@GCET.net • www.GCET.net

### **Fiber Optic Field Technician**

**Department:** Outside Plant

**Division:** GCET

**Appointing Authority:** General Manager or Designee

**Grade:** G2

**Revision Date:** 4/18

**Bargaining Unit:** EAW

#### **Definition:**

Responsible for the physical construction of GCET's networks. S/he will install, maintain, and inspect the fiber optic and wireless networks as well as related head-end facilities and equipment. The technician will participate in field survey work to develop new network construction opportunities. The successful candidate will perform customer service installations. The technician will be available for network outage response 24 hours a day including holidays.

#### **Supervision:**

Reports directly to the Outside Plant Manager of GCET. Performs some duties independently.

Employee is generally responsible for own work but may provide assistance and direction to new or lower level employees. Will provide coverage for all parts of Outside Plant as needed.

#### **Job Environment:**

Technician will be working outside in all weather for most tasks. This position is also year-round and 24/7 as needed.

Work will be on outside plant (aerial and underground) as well as inside plant. Technician will need to install cabling through underground conduit and along aerial right of ways. Wireless nodes are installed on streetlights throughout town. A very essential function of this job is to maintain those nodes as well as the fiber network.

Much of the tasks assigned will require the use of bucket trucks and ladders to access various network and customer installation components.

#### **Essential Functions:**

The technician will install, maintain, and inspect the fiber optic and wireless networks. In this task, the technician will understand construction instructions as well as properly document/redline as work is completed. Also, he/she will report production progress in a timely manner. It is important to protect the integrity of the live fiber, dark fiber, and wireless networks GCET operates.

Regarding the fiber optic network, this position will need to utilize a fusion splicer to install and maintain the network. This requires the skill to perform such a task as well as maintain the equipment required for this duty.

At times, this position will require field survey and desk design time to plan for new expansions as well as consult with other entities and departments for fiber and wireless networks. This will also require a constant expansion of knowledge through industry research and technical training.

The technician needs to exhibit efficient time management when working with a team and alone and identify and report issues and observations as soon as possible and to the proper personnel to remedy. Must be available for 24-hour coverage to respond to network outages and repairs when necessary and be available for overtime to meet production goals as necessary.

Takes responsibility for own actions; Keeps commitments; Commits to long hours of work when necessary to reach goals. Use equipment and materials properly and safely, observes safety and security procedures and takes part in improving these processes regularly. S/he must also be honest and trustworthy, demonstrate sound work ethics, be respectful of others. Displays willingness to make decisions; Exhibits sound and accurate judgment; Includes appropriate people in decision-making process.

As a pivotal member of the Outside Plant Department and GCET, this candidate will also be responsible with other tasks as assigned. These can include physical tasks, problem solving tasks, inspection tasks, or even assisting with office-based tasks. A positive, creative, responsible person would be best for meeting the needs of this position.

**Minimum Qualifications:**

5 or more years of experience in Utility and Fiber Network Construction preferred. Minimum of a H.S. Diploma or GED. Knowledge in building strand, lashing/over lashing, pole transfers, vertical grounds, and building and repairing aerial telecommunication transmission lines.

Knowledge, Ability and Skill: Ability to read and comprehend network diagrams, maps, and project scopes. Ability to deal with problems involving several concrete variables in standardized situations. To perform this job successfully, an individual should have knowledge of how to use a PC and/or tablet. Ability to multitask in a variety of situations. The successful candidate will maintain strict confidentiality. Must be available to work flexible hours including evenings, weekends, and holidays.

**Physical Requirements:**

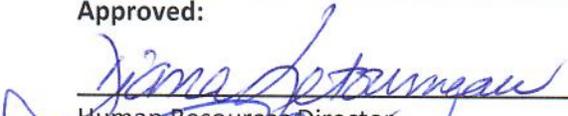
The employee must regularly lift and /or move up to 25 pounds and occasionally lift and/or move up to 50 pounds. While performing the duties of this Job, the employee is regularly required to stand; walk; use hands to finger, handle, or feel; reach with hands and arms; climb or balance; stoop, kneel, crouch, or crawl and talk or hear. The employee is occasionally required to sit. While performing the duties of this Job, the employee is regularly exposed to work near moving mechanical parts, and work in high, precarious places. The employee will be exposed to outdoor weather conditions and risk of electrical shock. The employee is occasionally exposed to wet or humid conditions (non-weather).

**Special Requirements:**

Must successfully pass CORI/ SORI checks. Must have a valid Class D Driver's license. Pre-employment medical form.

(This job description does not constitute an employment agreement between the employer and employee. It is used as a guide for personnel actions and is subject to change by the employer as the needs of the employer and requirements of the job change.)

**Approved:**

  
\_\_\_\_\_  
Human Resources Director

  
\_\_\_\_\_  
General Manager

  
\_\_\_\_\_  
Mayor

4/25/2018  
\_\_\_\_\_  
Date  
Revision History: 4/18