

## TENNESSEE JOB TRAINING & SAFETY PROGRAM

### FIBER/TELECOM WORKSHOP

#### FIELD STATIONS

##### STATION 1: WORKZONE/BUCKET TRUCK SETUP

This station will begin with a job briefing and discussion of the tasks to accomplish during this phase of the rotation. The team at this station will discuss the conditions and site chosen for setting up a bucket truck. A bucket truck will be provided along with appropriate Workzone control and safety equipment. The team will conduct a pre-trip inspection of the truck chassis and then will operate the lower controls on the bucket to demonstrate proficiency of use of the controls and knowledge of the concept for performing a bucket rescue. Each team member will operate the controls while being coached by the station proctor. The team members will then correctly inspect and don a fall arrest system and mount the bucket. They will raise the bucket to a simulated working position while properly avoiding any overhead obstruction. The team member will return the bucket to the cradle position and the next team member will begin. During the bucket operation portion of the station, the other team members will discuss and conduct work zone protection.

##### STATION 2: LADDER SETUP AND SAFETY

This station will begin with a job briefing and discussion of the tasks to accomplish during this phase of the rotation. The team will conduct and inspection of a 30-foot extension ladder and will then take turns setting the ladder up in teams of two. The station proctor and the other team members will observe and critique the setup process and when one team has had the opportunity to conduct both parts of the ladder set up (extension and placing by one member with bracing/support from the other) the next team will step up. The team will then discuss and simulate a ladder rescue using a manakin available at the station. (Rescue will **not** be attempted using one of the students or proctors as the unresponsive party.)

##### STATION 3: STORAGE MANAGEMENT SIMULATION

This station will begin with a job briefing and discussion of the tasks to accomplish during this phase of the rotation. The team will receive instruction in the types of make-ready framing simulated at the site of this station. The proctor will describe the type, function, and manufacture of each of the framing simulations. Team members will have the opportunity to remove, install, and replace hardware and framing in order to become familiar with the tools and techniques required to complete the work safely and accurately. The proctor and team members will take care to discuss potential hazards associated with the work being simulated, including but not limited to falling object hazards, electrical hazards, kinetic hazards, pole integrity, and the potential for strains,

sprains, and soft tissue injury. The simulations at this station will be conducted at ground level and will simulate locations along the route of the main line of the circuit.

**STATION 4: SERVICE INSPECTION AND CONNECTION**

This station will begin with a job briefing and discussion of the tasks to accomplish during this phase of the rotation. The team will discuss problems, obstacles, and hazards associated with installation of a service drop and connection of service at a residence or business location. The discussion will include but not be limited to terrain, Workzone protection, access to the make ready, overhead obstacles or hazards, customer interaction, accessing private property, pets and livestock, and other associated hazards. Team members will discuss and simulate a service connection. There will be discussion regarding NESC and NEC codes and clearances. This station will also cover access to and associated hazards when dealing with roofs, crawl spaces, and selection of suitable anchor points. The simulations at this station will be conducted at ground level.

**STATION 5: POLE INSPECTION AND HAZARD ASSESSMENT**

This station will begin with a job briefing and a discussion of the tasks to be completed in this station. The team will discuss more in depth the reasons and methods for assessing the condition of the pole, any hardware or equipment on the pole or structure, the presence of joint use utilities and any hazards that might be associated with the utility present and the condition of the hardware. This station will also include discussion and measurement of location, clearance distances, and other factors that may affect the safety of the working at this location.

**STATION 6: Hotline Demonstration Trailer (All Teams)**

The JT&S Instructors will conduct a demonstration of high voltage power system operation and associated hazards using the Tennessee JT&S Demonstration Trailer.

**NOTE:** Though some of the tasks listed in these stations may seem to be repetition of tasks, skills, or information addressed in one or more previous stations, those tasks will be addressed in a manner specific to the location and environment represented by that station as opposed to the previous station. There is some degree of intended repetition in order to reenforce the importance of the skill needed for the task and to better retain the knowledge meant to be gained by that task.