

Hands-On

# Overhead Line Maintenance Safety



## Course Description

This course examines hazards that may be present during overhead line maintenance operations. The course also introduces protective equipment designed to create a barrier between linemen and high voltage lines and equipment, and reviews safety practices that will help ensure a safe work environment.



## Students Will Learn

- **Discuss Safety Practices Associated with Overhead Line Maintenance.**
- **Identify Potential Electrical Hazards with Overhead Line Maintenance.**
- **Identify Potential Structural Hazards with Overhead Line Maintenance.**
- **Identify Potential and Climbing Hazards with Overhead Line Maintenance.**
- **Identify and Discuss the Function of Protective Equipment used during Overhead Line Maintenance.**
- **And More...**

## Target Audience

Anyone working on or around Overhead Lines.

## Prerequisites

None.

## Course Outline

#### Module 1: Safety Overview

- Describe the proper attitude toward safety in overhead line maintenance.
- Identify electrical hazards in overhead line maintenance.
- Identify structural hazards in overhead line maintenance.
- Describe storage procedures for equipment used in overhead line maintenance.

#### Module 2: Care and Use of Safety Equipment

- Identify safety equipment commonly used in overhead line maintenance.
- Describe the proper testing and maintenance procedures for safety equipment.
- Explain the proper use of safety equipment.

#### Module 3: Climbing Safety

- Explain how to store and inspect climbing equipment.
- Identify some of the most common hazards that may be found prior to climbing a pole.

#### Module 3: Electrical Hazards

- Identify types of circuits and voltage levels.
- Identify grounds and grounded equipment.
- Describe how to create a safe work area using insulating covers.

#### Module 5: Safety With Tools and Equipment

- Describe safe methods of using tools and equipment designed for overhead line maintenance.

#### Module 6: Pole Top Rescue

- Describe how to safely handle an electrical shock victim when hes on a pole.
- Explain the correct way to tie a handline to an electrical shock victim.
- Describe how to safely lower an electrical shock victim from a pole.

## Delivery Method

Instructor-Led with numerous Hands-On exercises.

## Equipment Requirements

**(This apply's to our hands-on courses only)**

BTS always provides equipment to have a very successful Hands-On course. BTS also encourages all attendees to bring their own equipment to the course. This will provide attendees the opportunity to incorporate their own gear into the labs and gain valuable training using their specific equipment.

## Course Length

1 Day