Hands-On

# RoofTop Safety

## Course Description


This extensive Hands-On course provides the worker a comprehensive Rooftop Fall Protection training experience designed for working on roof top and extension ladders (less than or up to 40 in extended length). Upon completion, students will understand OSHA and ANSI standards as they apply to rooftop fall protection. In addition, each student will have the knowledge and skills to be designated competent rooftop, as they will be trained to identify unsafe acts and unsafe conditions in rooftop operations.

This course will cover

Introduction to Fall Protection and explanation of Fall Protection systems
Rules & Regulations Overview OHSA, ANSI
Responsibilities of various training levels
Personal Protective Equipment (PPE)
Ladder Safety Systems
Work area Flat roof, low slope, steep roof
Safety systems Horizontal and self retracting lifelines, guardrails, safety nets, calculated clearances
Emergency plan Review current/Assistance in developing an EAP
Rescue plans Self, assisted, plan development

Upon completion of the classroom session, students will relocate to a practical skills training site. Proper skills and techniques will be taught to the student, and students will provide return demonstrations to our instructors. Each student will be evaluated for his/her competencies by the instructor, and the students compliance with proper skills and techniques will be documented and submitted to their employer.

## Students Will Learn

- **Upon completion of the classroom session, students will be led to a site facility that will accommodate the climbing and securing on a roof top. (If there is no actual roof top available for demonstration, a suitable area will be identified to receive feedback in the form of repeat demo.)**
- **Rules and Regulations**
- **Introduction to Fall Protection and explanation of Fall Protection systems**
- **Rules & Regulations Overview OHSA, ANSI**
- **Responsibilities of various training levels**
- **Personal Protective Equipment (PPE) (Students must bring their PPE)**

- **Ladder Safety Systems**
- **Work area Flat roof, low slope, steep roof**
- **Safety systems Horizontal and self retracting lifelines, guardrails, safety nets, calculated clearances**
- **Emergency plan Review current/Assistance in developing an EAP**
- **Rescue plans Self, assisted, plan development**
- **And More...**
- **Note This will incorporate the updated version of the OSHA 1910 Walking/Working surfaces standard.**

## Target Audience

Anyone working on or around a Rooftop environment.

## Prerequisites

None.

## Course Outline

1. Rules & Regulations- Identify and Reference throughout Class
a. OHSA
b. ANSI

2. PPE- explain each component, fit, use and care referenced throughout class

3. Ladders- Main Access Point. We will explain each type and relate to any current use and site locations:
a. Telephone Poles
b. Utility Poles / Towers
c. Buildings

4. Work Area- focus on roof top locations
a. Flat roof
b. Low slope
c. Steep roof

5. Safety Systems- Focus on Safety While Working at Height
a. Horizontal life line
b. Self-retracting life line
c. Guardrails

d. Safety nets

6. Emergency Plan
a. Review current EAP
b. Assist in developing EAP

7. Rescue Plan
a. Self-rescue
b. Assisted rescue

## Notes

Equipment Classroom

Table, chairs and presentation/media outlet

Hands-On full PPE consisting of
Hard hat, class 3 harness, fall arrest device and AHJ required clothing. Fall restraint device dependent on actual work environment. Hands-On site- elevated work area, ladder or means to ascend/descend fall arrest system either in place or installable.

## Delivery Method

Instructor-Led with numerous Hands-On Labs and exercises.

## Equipment Requirements

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

PPE Equipment Required (Students must bring their PPE)

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