

Hands-On

Authorized Tower Climber

Certification



Course Description

This Hands-On Authorized Tower Climber Certification course is designed to prepare individuals with little or no experience to be able to safely climb and work on various types and size towers. This course combines the cognitive and the psychomotor domains of training, which assures that the student will develop the knowledge base necessary to safely climb and work on towers, as well as the practical skill sets necessary to be able to safely perform his or her duties.

This course will address a variety of subject areas including, regulatory safety standards, equipment commonly used, engineering controls, work practice controls, and return demonstrations.

Upon completion of this course, the authorized climber should be able to demonstrate proper knowledge, understanding, and application of the equipment used, as well as safe practices to be employed at all times that he or she is working on the tower.

Note This course does not include Tower Rescue, we do offer Tower Rescue in our 3-day Tower Rescue and Competant Climber course or our combo 4-day course Authorized Tower Climber and Rescue, which includes both courses.

Students Will Learn

- **Regulatory Safety Standards (OSHA, ANSI)**
- **Connecting Devices and Harnesses**
- **Specialty Systems**
- **Hazard Recognition, Evaluation and Control**
- **Industry Hazards**
- **Pre-job Planning**
- **Tower Climbing Exercises**
- **Equipment Used**
- **Work Practices**
- **Tower Climbing Exercises**
- **And More...**

Course Outline

Module I: Overview of Regulations and Standards (OSHA, ANSI)

Module II: Anchors and Anchor Connectors

Module III: Connecting Devices and Harnesses

- Selection?
- Inspection
- Maintenance
- Use & Limitations

Module IV: Specialty Systems

- Vertical Lifelines?
- Horizontal Lifelines
- Ladder Safety Climbing Systems?
- Controlled Descent Systems

Module V: Hazard Recognition, Evaluation and Control

Module VI: Industry Hazards

- RF/EME?
- Types of Tower Structures?
- Weather
- Clothing
- Falling Objects?

Module VII: Pre-job Planning

Module VII: Tower Climbing Exercises

Delivery Method

Instructor-Led with numerous Hands-On exercises.

Equipment Requirements

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

Below is the equipment you will be required to provide to complete this training

Head Protection with chin strap

Eye protection

Class 3 Harness with positioning D ring in front and fall arrest D ring on back at minimum

Fall Arrest Lanyards (Y version or 2 individual ones)

Work positioning lanyard

Safety cable grab

Hand Protection

Proper foot wear for climbing

The class will include the use a Fisk device during the practical phase of class. If your company uses any additional devices, please bring them with you and we will incorporate the device into your training to maximize your learning experience.

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

2 Days