

AERIAL REACH

Operation & Safety Certification Course

Typically provided as a 1-day course, training includes classwork in the morning and hands-on instruction in the afternoon. Course is designed as an introduction for new employees and as a safety refresher for more experienced employees. In some states, course qualifies for CEU or PDH hours.

Classroom Summary:

Introduction: Why is operator safety certification advisable? When is an aerial reach machine a viable tool? These questions are answered along with a consideration of city/county equipment accident case studies.

Equipment Orientation: Includes a review of the basic components and features of the equipment, including power systems and control overrides.

Fall Protection and Fall Arrest Systems: Consideration of the personal protective equipment (PPE) worn by operators and its proper fit and attachment points.

Basic Boom and Basket Operations: Preparing the equipment for aerial operations, engagement of wheel stabilizers, removal of travel locks and basket entry.

Vehicle Placement Considerations: Reviewing the work zone's stable surface areas, any overhead hazards, lane closures and/or tight spaces.

External Work Zone Hazard Analysis: Vehicular and pedestrian traffic strategies are summarized by referencing MUTCD Chapter 6 Temporary Traffic Control sections. This includes work in travel lanes, at the roadside and when impacting sidewalk use.

Internal Work Zone Set-up: Basic set up of an aerial lift work zone is discussed, including use of cones, barricades, caution tape and other barriers. Discussion includes positioning of essential and non-essential equipment and the declaring of minimum distances for separating machinery and pedestrian workers.

Tree Work: How to use chain saws while aloft, including felling and limbing, and OSHA rules related to trees and utility lines.

Emergencies and Rescue: A review of fall recovery / self-rescue, ground rescue, and public safety rescue.

Equipment Inspection and Use of Pre-Job Briefing Checklists: This section reviews a sample pre-job briefing and checklist form that can be used as a tool to promote aerial reach safety.



Hands-On Exercises:

- Start-Up and Initial Inspection
- Work Zone Set-up
- Stabilizer Jacks / Outrigger Set-up
- Boom and Basket Set-up
- Practice of Safe and Smooth Aerial Operations
- ...and more!