



# AERIAL REACH

## Operation & Safety Certification Course

**Target Audience:** This CEU-accredited course (DS/DW/WW-02094006 at 0.7 CEU) is designed for DOT, municipal public works, parks, streets/roads, water, waste water, distribution/collection and/or storm water utility workers or any other government entity employees who may be called on to operate this equipment.

**The course is also recommended for** emergency backup personnel who may be called on to use the equipment in special circumstances such as after a natural disaster or any other reason where no other operators are available. Other recommended participants are crew leaders, division supervisors, agency safety officers, department safety coordinators, general safety trainers and/or fleet team members.

**Additional applications would be** as an orientation for new operators and a good refresher for seasoned operators.

Students will receive a Training Certificate!



**For more information or to inquire about upcoming training dates:**

**Email:** [info@wetrainamerica.com](mailto:info@wetrainamerica.com)

**Telephone:** 813.995.8872

**Website:** [WeTrainAmerica.com](http://WeTrainAmerica.com)

# 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—Aerial Reach:

- 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!