



# Crane Truck Safety: New Operator Orientation and Experienced Operator Refresher Training

**Target Audience:** This CEU-accredited course (DS/DW/WW02094019 at 0.7 hr) is designed for DOT, municipal public works, parks, streets/roads, water, wastewater, distribution/collection and/or storm water utility workers or any other government entity employees who may be called on to operate this equipment.

**This course is also recommended for** 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 employees and a good refresher for seasoned staff. As this course has a *Train the Trainer* component, it is also recommended for in-house assigned safety trainers.

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 Part

**Accident Case Studies:** Reviews a recent history of public sector crane truck and similar mobile equipment accidents. Relative OSHA Standards and general equipment work zone safety issues are considered.

**Equipment Orientation:** Includes the viewing of owner's operator video that introduces each machine component, identifies all controls and their function(s) and discusses basic safe operating principles.

**External Work Zone Set-up (Temporary Traffic Control):** 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.

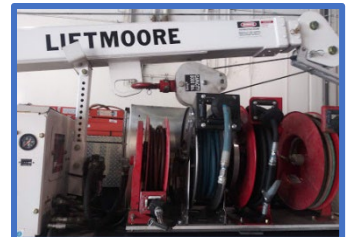
**Internal Work Zone Set-up (Perimeters and Barriers):** Basic set up of a crane truck work zone is discussed, including use of cones, barricades, caution tape and other barriers. It includes positioning of essential and non-essential equipment and the declaring of minimum distances for separating machinery and pedestrian workers.

**Imperative Essential Pedestrian Worker Rules:** Includes a number of close proximity rules for employees acting as spotters or who perform special "close-to-machine" tasks.

**Imperative Non-Essential Pedestrian Worker Rules:** Includes a number of close proximity rules for non-operators and motivates all workers to watch for conditions that are indicators of potential mobile equipment and work zone accidents.

**Preparing for an Unattended Work Zone:** Discusses issues related to vacated work zones; overnight, waiting for part(s) or waiting for other crew situations and how machinery should be secured when left unattended.

**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 crane truck safety.



## Classroom Training:



- Positioning and machine set-up
- Worksite hazard analysis:
  - Equipment overload
  - Incline
  - Wind impact
  - Shock loading
  - Tie-offs
  - Snagging
- Lift planning, load chart calculations, and accurate load weight assessment
- Basic rigging principles:
  - Sling positions & centers of gravity
  - Sling geometry & sling inspection
  - Wire rope inspection
  - Types of hitches
- Regular and scheduled maintenance
- ...and more!

## Hands-On Training:

