



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

Target Audience: 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.

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.

Trainees will receive a Training Certificate!



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

Email: info@wetrainamerica.com

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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:

