



DUMP TRUCK

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:

Accident Case Studies: Reviews a recent history of public sector dump truck and similar commercial vehicle accidents. Relative OSHA standards and general dump truck operational safety issues are discussed.

Equipment Orientation: Includes a review of manufacturer's operator video introducing typical dump truck components, identifying standard controls and their function(s) and discussing basic safe operating principles.

External Work Zone Hazard Analysis (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 dump truck 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.

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.

Commercial Vehicle Operations and General Driving Skills: Covers challenges and safety concerns when driving large commercial vehicles like a dump truck. Eliminating bad driving habits such as excessive speed, late lane changes, aggressive driving, tailgating, etc. and how to properly handle situations such as poor weather conditions, merge zones, intersections and blind spots are all covered in this section.

Trailing & Load Securement: Discusses the basic procedures and safety guidelines to follow when using a dump truck to pull a trailer.

Vehicle Inspection and Use of Pre-Trip Checklists: This section reviews a sample pre-trip vehicle inspection checklist form that can be used as a tool to promote dump truck safety.



Hands-On Exercises:

- Vehicle walk-around inspection
- Vehicle entry and start-up
- Basic controls
- Air brake testing procedures
- Travel on roadways
- Travel on job sites
- Vehicle backing exercises
- Driver/spotter exercises
- Loading and load dumping
- ...and more!

