LOAD SECUREMENT

Course Overview

At the completion of this one-day training course, participants will be able to:

- Explain how cargo securement principles apply to different commodities
- Determine what is required to properly load and secure different commodities including the number, placement and types of cargo securing devices
- State general requirements for cargo securement
- Understand the principles for securing heavy vehicle, equipment, and machinery
- Understand basic principles of physics as they apply to load securement

Classroom Topics

- The importance of proper securement
- General cargo securement requirements
- Guiding principle of public safety
- How cargo must be contained, immobilized or secured
- Consequences of improperly secured loads
- Elements of a securement system
- Requirements for containing, immobilizing, and securing cargo
- Working load limits and default working load limits for unmarked tie-downs
- Identifying working load limits of an unmarked securing device
- Calculating aggregate working load limits for tie-downs attached to the load
- How to inspect securement systems
- Determining if load is secured properly
- Securement requirements and principles for heavy vehicles, equipment and machinery

Field/Hands-On Activities

- How to inspect chains
- Use of securing devices
- Inspection and verification procedures
- Vehicle placement on trailer
- Proper weight and attachment distribution
- Mid-trip inspections
- Heights and clearances
- Cargo, other than vehicle securement

Who Should Attend: Any person who is responsible for tying down or securing any size load on trailers or on a vehicle

Evaluation /Documentation: Written test, oral exam and/or practical assessment (on equipment). The employer will receive a certificate of completion and a summary of training for each participant who successfully completes the course.

About the Facilitator: Developed and delivered to you by **Ground Force Training Inc.**