



# WESTERN TRANSPORTATION SAFETY CONSULTING LTD.

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## Load Securement Course Outline

### 1. Introduction

- National Safety Code requirements
  - Standard 10
- Safety regulations and laws
  - Dangers of an improperly secured load
- Inspection

### 2. Cargo Securement Systems

- Securing for Force
- Vehicle Structures
- Securement devices
- Tie Downs

### 3. Cargo Conditions

- Immobilization
- Tie Down requirements
  - Spacing
  - Length and Weight
  - Placement

### 4. Working Load Limits

- Marked & Unmarked components
- Calculations
- Load Check requirements

### 5. Commodity specific requirements

- Logs
- Dressed Lumber
- Metal Coils
- Paper Rolls
- Concrete Pipe
- Intermodal Containers
- Vehicles loaded as cargo
- Roll-on/Roll-off & Hook Lift containers
- Boulders