



# Course Outline

## Equipment Inspector

### Fall Protection Equipment — 4 hrs

Course #6411

VG2.0 20220125

### Course start

#### Course Introduction

(30 minutes)

- 1.1 Instructor Introduction
- 1.2 The Purpose of the Course
- 1.3 Course Requirements
- 1.4 Course Completion
- 1.5 Student Record

#### Inspection Oversight

(20 minutes)

- 2.1 Influential Groups
- 2.2 Regulatory Body
- 2.3 Consensus Group
- 2.4 Employer
- 2.5 Equipment Manufacturer

#### Principles of Equipment Care

(60 minutes)

- 3.1 Equipment Tracking
  - Labeling
  - Tagging
  - Radio Frequency Identification
- 3.2 Equipment Maintenance
  - Hardware
  - Software
- 3.3 Equipment Storage
- 3.4 Inspection Types and Schedules
- 3.5 Documentation and Record Keeping
- 3.6 Inspection and Component Failure Criteria
  - Equipment labels
  - Impact indicators
  - Webbing and stitching
  - Lifelines
  - Snap hooks and carabiners
  - Personal energy absorbers
  - Hardware

### 15 minute break

#### Equipment Inspections

(30 minutes)

- 4.1 Anchorage Connectors
- 4.2 Full Body Harnesses
- 4.3 Lanyards and Energy Absorbers
- 4.4 Self-Retracting Devices
- 4.5 Vertical Lifelines and Fall Arresters
- 4.6 Temporary Horizontal Lifelines
- 4.7 Retrieval Devices

#### Workshop Inspections

(45 minutes)

- Students will observe the instructor demonstrate a complete periodic inspection of a tie-off adapter, including proper documentation
- Students will be challenged to complete a periodic inspection of a full body harness and energy absorbing lanyard. The instructor will review the completed inspection checklist

#### Summary and Review

(40 minutes)

- 5.1 Key Learning Concepts
- 5.2 Frequently Asked Questions
- 5.3 Review Questions