Field Safety

Curriculum Notes

- 45 Hours
- Revised: 2013, Second Edition
- Provides the necessary safety task training to all field personnel. This manual is designed for individuals involved with completing or overseeing a specific task, from the craftsperson, crew leader, and safety supervisor to superintendent.
- Downloadable instructor resources that include module tests, PowerPoints®, and performance profile sheets are available at www.nccer.org/irc.
- A Spanish translation of the first edition is available. Please see NCCER’s online catalog for more information.

**PAPERBACK**

Participant Guide: $97  
978-0-13-340245-2  
Individual Modules: $20  
see module list

**MODULES**

The modules listed below are included in the Participant Guide. The following ISBNs are for ordering individual modules only.

**Introduction to Safety** (10 hours)  
(Module ID 75101-13) Presents basic safety concepts and explains the difference between regulatory compliance and best practices. Introduces OSHA and explains how accidents affect everyone on a job site. Provides an overview of common jobsite hazards, including walking and working surfaces, temperature extremes, fire prevention, and tool safety. Identifies the elements of a hazard communication system and describes the types of information found on a product’s safety data sheet (SDS).

**Confined Spaces and Excavations** (5 hours)  
(Module ID 75120-13) Covers safety precautions related to work in confined spaces, including the responsibilities and duties of each member of the confined-space entry team. It also covers the safety hazards and safeguards required when working in an excavation, including an explanation of various trenching supports and soil types.

**Work-Zone Safety** (5 hours)  
(Module ID 75104-13) Introduces the signs, signals, and barricades found on various job sites, and covers highway work-zone safety requirements.

**Electrical Safety** (5 hours)  
(Module ID 75121-13) Describes the basic precautions necessary to avoid electrical shock, arc, and blast hazards. It also describes the lockout/tagout procedure.

**Working from Elevations** (5 hours)  
(Module ID 75122-13) Explains the use of fall-protection equipment. Covers safety precautions related to elevated work surfaces, including ladders, scaffolding, and aerial lifts.

**Steel Erection** (2.5 hours)  
ISBN 978-0-13-340364-0  
(Module ID 75110-13) Covers common safety precautions related to steel-erection work, including controlled decking zones, hazardous materials and equipment precautions, tool safety, and appropriate personal protective equipment.

**Heavy Equipment, Forklift, and Crane Safety** (5 hours)  
(Module ID 75123-13) Covers the safety hazards and precautions necessary when working near heavy equipment. Presents general safety requirements for the use of forklifts and cranes.

**Concrete and Masonry** (2.5 hours)  
(Module ID 75119-13) Describes the personal protective equipment that must be used when working with concrete and masonry as well as the common jobsite and health hazards associated with this type of work.

**Introduction to Materials Handling** (5 hours)  
(Module ID 75124-13) Explores the safety precautions required when transporting, handling, rigging, stacking, and storing various types of loads. It also covers safe lifting procedures.

Continued on following page
Basic Safety

(Construction Site Safety Orientation)
12.5 Hours
Revised: 2015
Module ID 00101-15

PAPERBACK
ISBN
Trainee Guide: $20 978-0-13-407556-3

This module, from Core Curriculum, replaces the Safety Orientation book. Presents basic jobsite safety information to prepare workers for the construction environment. Describes the common causes of workplace incidents and accidents and how to avoid them. Introduces common personal protective equipment, including equipment required for work at height, and its proper use. Information related to safety in several specific environments, including welding areas and confined spaces, is also provided.

Horizontal Directional Drilling Hazards

2.5 Hours
Module ID 75113-03

PAPERBACK
Trainee Guide: $20
Contact your Pearson/NCCER executive director to order.

Introduces the hazards related to performing and working near horizontal directional drilling operations. Covers related on-site safety and emergency-response procedures.

Fall Protection Orientation

8 Hours
Module ID 75901

PAPERBACK
ISBN
Trainee Guide: $40 978-0-13-530500-3

Covers fundamental safety and hazard recognition concepts. Introduces the role of OSHA in regulating elevated work on the jobsite and the causes, costs, and consequences of falls. Presents proper use of fall protection equipment; safe use of stairs, ladders, and scaffolds; and guidelines for use of aerial lifts.

Managing Electrical Hazards

12.5 Hours
Updated in 2018.
Module ID 26501

NEW!

PAPERBACK
ISBN

• A copy of NFPA 70E®, Standard for Electrical Safety in the Workplace, 2018 Edition, is required material for this course. To order, contact NFPA at www.nfpa.org or 1-800-344-3555.

Introduces electrical hazards in the workplace and describes how to avoid them. Explains how to analyze and document shock and arc flash hazards, and how to plan and conduct work around them. Includes examples of how to complete an energized electrical work permit, and how to select the specialized personal protective equipment required for electrical work.

Horizontal Directional Drilling Hazards

2.5 Hours
Module ID 75113-03

PAPERBACK
Trainee Guide: $20
Contact your Pearson/NCCER executive director to order.

Introduces the hazards related to performing and working near horizontal directional drilling operations. Covers related on-site safety and emergency-response procedures.