Safety Technology

Instructors, Audits, and Observations (2.5 Hours)
(Module ID 75204-03) Introduces the roles and responsibilities of the safety technician with regard to on-site inspections, audits, and observations. Explains the purpose of safety inspections and how to properly conduct safety audits and employee observations.

V2 SAFETY TECHNOLOGY
VOLUME 2

Employee Motivation (2.5 Hours)
(Module ID 75205-03) Stresses the importance of effectively communicating safety policies and procedures to all employees on the job site. Discusses how to provide employee recognition, discipline, and motivation.

Emergency Action Plans (2.5 Hours)
(Module ID 75207-03) Focuses on the basics of emergency action plans and media communications.

V3 SAFETY TECHNOLOGY
VOLUME 3

Observations, Audits, and Inspections (2.5 Hours)
(Module ID 75208-03) Focuses on the purposes and uses of accident investigations. Teaches participants to properly conduct accident investigation interviews and fill out related forms.

OSHA Inspection Procedures (2.5 Hours)
(Module ID 75216-03) Focuses on the safety technician’s role during OSHA inspections. Covers the process and purpose of OSHA site inspections. Explains the difference between focused and wall-to-wall inspections, the appropriate follow-up actions resulting from an inspection, and the consequences of OSHA citations, violations, and fines.

ES&H Data Tracking and Trending (2.5 Hours)
(Module ID 75217-03) Describes the traditional and proactive methods of measuring safety performance. Participants learn to analyze data to identify safety program strengths and isolate areas needing improvement.

Environmental Awareness (2.5 Hours)
(Module ID 75218-03) Introduces ways to minimize hazardous-waste production and prevent water and soil contamination. Covers the training and medical surveillance requirements for personnel working with materials such as hazardous waste, lead, asbestos, and silica. Also covered are the primary types of environmental problems and the hazardous-waste shipping requirements common on a construction site.

V4 SAFETY TECHNOLOGY
VOLUME 4

Accident Investigation: Policies and Procedures (2.5 Hours)
(Module ID 75213-03) Explains the connection between accident investigation and accident prevention and describes the purposes and uses of accident investigations. Teaches participants to properly conduct accident investigation interviews and fill out related forms.

Recordkeeping (2.5 Hours)
(Module ID 75215-03) Accurate record keeping is essential for OSHA compliance. Participants learn to follow OSHA recordkeeping requirements, and to properly document work-related illnesses and injuries using the appropriate OSHA forms.

V5 SAFETY TECHNOLOGY
VOLUME 5

OSHA Inspection Procedures (2.5 Hours)
(Module ID 75216-03) Focuses on the safety technician’s role during OSHA inspections. Covers the process and purpose of OSHA site inspections. Explains the difference between focused and wall-to-wall inspections, the appropriate follow-up actions resulting from an inspection, and the consequences of OSHA citations, violations, and fines.

ES&H Data Tracking and Trending (2.5 Hours)
(Module ID 75217-03) Describes the traditional and proactive methods of measuring safety performance. Participants learn to analyze data to identify safety program strengths and isolate areas needing improvement.

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Introduction to Safety Technology (2.5 Hours)
(Module ID 75201-03) Describes the roles and responsibilities of the safety technician. Explains three levels of accident causation, accident cost impact, safety program components, and government regulatory requirement impact on the construction industry.

Hazard Recognition, Evaluation, and Control (2.5 Hours)
(Module ID 75202-03) Presents techniques used to recognize hazards, unsafe acts, and unsafe conditions on the job site. Explains how to evaluate acceptable job-site risk levels and introduces the seven major methods of hazard control.

Risk Analysis and Assessment (2.5 Hours)
(Module ID 75203-03) Focuses on the relationship between human behavior and work-site safety. Describes the factors involved in performance analysis and the techniques used to coach and counsel workers with performance problems.

Curriculum Notes

• 45 Hours
• Published: 2003
• Provides instruction on how to implement and administer a company safety program. This manual is designed for field managers, safety directors, safety committees, owner safety representatives, and insurance/loss control representatives.
• Downloadable instructor resources that include module tests, PowerPoints®, and performance profile sheets are available at www.nccer.org/irc.