

V2150 and V2151

Health Safety and Environmental Training for U.S. Field Operations



The goal of this course is to provide students with awareness training for safe performance of their work in ABB's Field Operations.

Course type and methods

This is an instructor led workshop with short presentations and demonstrations, extended exercises, and hands-on sessions and discussion. V2150 and V2151 are very similar with the difference being that V2151 is designed to meet the requirements for issuance of an OSHA "10-hr" card for General Industry and must be led by an OSHA authorized instructor.

Student Profile

This training course is for ABB Service and System Engineers and other ABB personnel who, in the course of their work, may perform tasks at customer locations, ABB project locations, or other non-ABB facilities. The course is also strongly recommended for supervisors of workers performing field operations.

Prerequisites

Students should have completed all initial health, safety and environmental training including local onboarding by their supervisors or local safety coordinator/advisor. Dates/locations of course attendance must be approved by supervisor and/or service coordinator.

Course objectives

Students must demonstrate competence in the presented subjects and pass a written examination

before they are authorized to continue in field operations activities. Upon satisfactory completion of the training, they will be provided a certificate of achievement. In addition, students that complete V2151 will be issued an "OSHA-10 hour" card. This course will typically be offered in conjunction with V2153 (first aid and CPR training) and other required HSE courses as may be necessary (e.g. ABB PICW, confined space rescue, forklift, etc.).

Refresher

All field operations workers must re-take the course as refresher training on a 2-year cycle.

Main Topics

For ABB Field Operations Engineers, the course is part of their formal HSE training program. It consists of lectures, demonstrations, and practical exercises in:

- Electrical Safety
- Work at heights
- Risk assessments and job planning
- Personal protective equipment (PPE)
- Working with tools
- Working with chemicals
- ABB and OSHA Standards
- Emergency planning and response

Duration

The duration is 2 days.

Course Outline

Day 1

- Verifications/Breaks/Snacks/Welcome
- Introduction to HSE Education & Training/Personal Responsibilities for HSE
- Don't Look the Other Way
- Electrical Safety (including Control of Hazardous Energy)
- Electrical Safety continued...
- ABB Electrical Competency Model (PICW)
- Introduction to OSHA
- Wrap-up of day

Day 2

- Verifications/Breaks/Snacks/Welcome Back
 - Walking & Working Surfaces, including stairs, ladders, etc.
 - Personal Protective Equipment, including respirator discussion
 - Hazard Communication & GHS
 - Exit Routes, Emergency Action & Fire Prevention Plans, Fire Protection
 - Bloodborne Pathogens, including incident reporting and scenario
 - Machine Guarding
 - Permit-Required Confined Space review & Hand/Power Tools
 - Fall Protection/Working at Height
 - "Quick Hits" (including, at a minimum, Training requirements, Compliance Auditing, Incident Reporting, Hearing Protection, Expats, Pre-job Planning, Approval and Management of Contractors, Chemical Handling & Control, PSM, IH Awareness, Asbestos, Lead, Benzene, H2S, PCBs, Scaffold & Crane, Mobile Equipment and Manual Lifting & handling understandings, Office Ergonomics, Working Hours, Site plans, Equipment Demolition, Excavation & Trenching, In-Plant Rail, Steel Erection, Working Alone, Working Offshore, Vehicle/Road Safety, First Aid & Emergency Medical, Extreme Weather, SOTs, RUSafe behaviors.
 - Wrap-up and Testing
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