



Ground Operations Safety Fundamentals Training Course

8 – 12 February 2027
Singapore

Ground Operations Safety Fundamentals Training Course

Ref: 1342_199223 **Date:** 8 - 12 February 2027 **Location:** Singapore **Fees:** 5700 Euro

Overview

Ground Operations Safety Fundamentals Training Course is a one-week foundation course for personnel working around vehicles, equipment, pedestrians, loading areas, and operational routes. Participants examine hazard identification, safe access, workplace transport, manual handling, personal protective equipment, communication, emergency response, incident reporting, and inspections. Agile Leaders Training Center presents ground operations safety as a practical system of controls and shared responsibilities.

Who Should Attend

- Ground operations and support personnel
- Safety officers and site supervisors
- Vehicle and equipment operators
- Contractors working in operational areas
- Managers responsible for incident prevention

The course assumes no prior specialist qualification and excludes equipment licensing, regulatory certification, and organization-specific operating authorization.

Departments and Industries

The course supports departments and industries where people, vehicles, materials, and equipment interact in active work areas.

- Aviation and transport operations
- Warehousing and logistics services
- Manufacturing and industrial facilities
- Construction and infrastructure projects
- Facilities, maintenance, and contractor management

Learning Objectives

By the end of this course, participants will be able to:



- Identify hazards in ground operational areas
- Apply controls for pedestrian and vehicle interaction
- Use safe manual handling and protective practices
- Apply clear operational safety communication
- Evaluate emergency and incident reporting actions
- Build a ground safety action plan

Course Agenda

Day 1: Ground Safety Foundations

- Ground Operations Hazard Identification Method
- Task-Based Risk Assessment Worksheet
- Hierarchy of Controls Selection Guide
- Operational Area Safety Responsibility Map
- Pre-Task Safety Briefing Checklist

Day 2: Safe Movement and Access

- Pedestrian and Vehicle Segregation Plan
- Traffic Route and Crossing-Point Map
- Reversing and Blind-Spot Control Method
- Safe Loading and Unloading Checklist
- Access, Lighting, and Surface Inspection Tool

Day 3: Equipment and Handling Controls

- Ground Equipment Pre-Use Inspection Form
- Equipment Exclusion-Zone Control Plan
- Manual Handling Task Assessment Method
- Personal Protective Equipment Selection Matrix
- Unsafe Condition Isolation and Reporting Card

Day 4: Communication and Incident Response

- Safety-Critical Communication Protocol
- Emergency Response Role Assignment Chart
- Incident and Near-Miss Reporting Workflow
- Initial Scene Control Checklist
- Corrective Action Tracking Register



Day 5: Ground Safety Practice

- Exercise: Operational Hazard Walkthrough
- Exercise: Vehicle and Pedestrian Route Review
- Exercise: Equipment and Handling Control Simulation
- Exercise: Emergency Communication and Incident Drill
- Capstone Exercise: Ground Safety Action Plan

Practical Exercises

The course uses suggested activities based on transport, warehousing, manufacturing, and facilities operations.

- Suggested activity: inspect a work area and record hazards, existing controls, and priority actions.
- Suggested activity: map pedestrian and vehicle movements and select separation and crossing controls.
- Suggested activity: assess an equipment and manual handling task using the course checklists.
- Suggested activity: respond to a simulated incident and complete the reporting and action workflow.

FAQs

What is ground operations safety?

Ground operations safety is the coordinated use of hazard controls, safe routes, equipment checks, communication, and incident response to protect people and assets in active operational areas.

Who suits ground operations safety training, and what does it assume?

Ground operations safety training suits personnel, supervisors, contractors, operators, and managers working around vehicles and equipment, and it assumes no prior specialist safety qualification.

How does ground operations safety training differ from general workplace safety training?

Ground operations safety training focuses on moving vehicles, equipment interaction, pedestrian routes, loading areas, ground conditions, and operational communication, while general workplace safety training addresses a wider range of hazards.

How does ground operations safety reduce vehicle and pedestrian risk?

Ground operations safety reduces risk by separating routes, controlling reversing and blind spots, defining crossings and exclusion zones, inspecting surfaces, and communicating movement rules.



Conclusion

The course integrates hazard identification, movement controls, equipment checks, manual handling, protective practices, communication, emergency response, reporting, and inspections. Participants take back a Ground Safety Action Plan with responsibilities, control priorities, inspection actions, and follow-up measures. The plan changes how operational teams identify hazards and coordinate prevention work.