



HSE125

HSE Risk Assessment & Management

Course Introduction:

Health, Safety and Environmental Management Systems are based on a proactive process for incidents prevention as well as reactive monitoring of performance. Risk assessment is required to be applied to all activities that impacts on health & safety, production, asset, environment and the company reputation.

The assessment of risks at work is a statutory duty. Further, such risk assessment needs to be "suitable and sufficient", and must be carried out by persons who are "competent" to carry out such assessments. Most assessments are "qualitative" in nature which is appropriate for the majority of risk assessment requirements. Although there are differences between risks assessment systems, most are based on common, tried and tested techniques and procedures.

Risk assessment, used correctly, is a highly effective problem solving tool for line-management that not only identifies the risks to people, but also to equipment, materials, facilities and business economics. Additionally, the core principles of general risk assessments are common to COSHH, manual handling, confined spaces, environmental protector etc. This course provides essential underpinning knowledge required for all other risk assessment types.

Course Objectives:

Upon successful completion of this course, the delegates will be able to:

- Provide delegates with sufficient knowledge to allow them to become familiar with the legal requirements for and practical and economic benefits of assessment of risks at work
- Provide delegates with sufficient knowledge of principles and procedures to enable them to carry out effective risk assessments in the workplace, incorporating legal priorities and practical, cost-effective solutions

Who Should Attend?

This course is intended for HSE personnel and risk assessors.

Course Outline:

Day 1:

Pre-Test

- HAZID: Hazard Identification
- Definitions: what is hazard and what is risk
- Types of hazards

Day 2:

- Principles of hazard identification
- HAZID features
- HAZID techniques

Day 3:

- Brainstorming
- HAZOP: Hazard and Operability
- FMEA: Failure Modes, Effects and Analysis

Day 4:

- SWIFT: Structured What If Technique
- Risk Assessment
- Risk Management Concept

Day 5:

- Risk Reduction
- Case Study and Workshop
- Risk assessment exercises

Course Certificate:

International Center for Training & Development (ICTD) will award an internationally recognized certificate(s) for each delegate on completion of training.

Course Methodology:

A variety of methodologies will be used during the course that includes:

- (30%) Based on Case Studies

- (30%) Techniques
- (30%) Role Play
- (10%) Concepts
- Pre-test and Post-test
- Variety of Learning Methods
- Lectures
- Case Studies and Self Questionnaires
- Group Work
- Discussion
- Presentation

Course Fees:

To be advised as per the course location. This rate includes participant's manual, and-Outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Course Timings:

Daily Course Timings:

08:00 - 08:20	Morning Coffee / Tea
08:20 - 10:00	First Session
10:00 - 10:20	Coffee / Tea / Snacks
10:20 - 12:20	Second Session
12:20 - 13:30	Lunch Break & Prayer Break
13:30 - 15:00	Last Session

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