



# Hazard Awareness and Identification

## About this course



When reviewing accident investigations and near-hit reports, you will find that many on-the-job accidents stem from actions taken by an employee who may not have understood, or fully recognized, the hazards involved in the jobs he was performing. This Hazard awareness and identification programs are designed to provide a simple, straightforward method that can be used in any job settings to recognize and assess work hazards associated with the work. This course helps candidates to build on their general hazard and identification knowledge and provides a thorough understanding of why accidents happen, the principles of hazard identification and how to identify failed or absent controls in the workplace. This course promotes the establishment, maintenance and development of hazard identification and risk assessment systems to provide a safer work environment. The course is a workplace-oriented training that focuses on hazard recognition and how it can assist employee in job planning activities and execution; it includes practical scenario assessments to practice finding hazards and identifying the correct control measures. Hazard identification and the subsequent risk assessment are essential elements in meeting the requirements of the legislation.

## Aims



**To provide delegates with the knowledge and skills required to identify and recognize hazards.**

- Introduce a simple and structured approach that can be used to identify hazards effectively.
- Look at techniques to eliminate, control, or protect against identified hazards.
- Examine the role of hazard recognition in job safety processes.
- How to recognize the hazards present in their daily duties and identify control measures that can be put in place to minimize the risks.

## Who should attend



Hazard awareness and Identification course is suitable for people at any level and from any sector; all employees, operatives, HSE staff, supervisors and engineers. The course is useful for anyone who may be exposed to hazards. Those who need to appreciate hazard identification in more detail and may be involved in assessing risk. This course is designed for employees and all workers in the workplace (all types of workplaces) and those directly involved with the hazards in the workplace.

## Course Objectives



**The learning outcomes at the end of the course, delegates will be able to:**

- Understand the meaning of the terms “hazard” and “hazard effect”
- Explain what hazard identification is
- Understand why accidents happen
- Describe how accidents are caused
- Describe the different energy sources that may be hazardous
- Recognize the various forms of energy present at the worksite and how these energy sources impact on personnel to cause injury or damage
- Identify examples of control measures for each energy source
- Identify methods of hazard identification
- Describe how to use your senses to detect hazards
- Explain the importance of good observation
- Demonstrate identification of hazards within relevant scenarios
- Explain the important role of hazard spotting in incident prevention
- Understand how an activity can cause injury, what the consequences of such injuries might be and how to prevent them
- Appreciate the key features of hazard identification used throughout the industry
- How to identify failed or absent controls in the workplace.

## Entry Requirements



There are no entry requirements for this qualification. Delegates should have a competent and sound standard of English such that they can understand and articulate the course syllabus.

## Course Content



**The course consists of eight modules and practical syndicate exercises. Practice hazard identification through a series of interactive exercises and safety discussions.**

1

Introduction

2

Definitions and the  
Accident/incident  
Prevention Challenge

3

Energy sources used in  
the workplace and  
their effects

4

Identifying the  
hazards and the  
energy sources

5

Working safely from  
seeing to doing

6

Hierarchy of  
controls

7

Job planning and  
hazard identification

8

Cone of awareness