

# HAZOP Leadership and Management

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Learning Methods:  Virtual Classroom  Face-to-Face Classroom  In-Company

## Course Overview

The HAZOP Leadership and Management course is designed for professionals experienced in the HAZOP technique who aim to enhance their leadership and management skills in conducting HAZOP studies.

Participants will learn to apply the HAZOP methodology effectively, plan and manage study programmes, and lead study teams to ensure successful project execution.

The course includes practical case studies, allowing attendees to undertake various project team roles and guide a team through the HAZOP process. An assessment at the end of the course ensures comprehension, and successful participants receive a certificate of attendance

## Who is the Course for?

This course is ideal for individuals with prior experience in the HAZOP technique who are required to lead HAZOP studies. It is particularly beneficial for:

- ▶ Process safety engineers
- ▶ Loss prevention specialists
- ▶ Production engineers
- ▶ Process design engineers
- ▶ Project engineers
- ▶ Process programmers
- ▶ Instrument control engineers

## Course Key Facts

### Duration

- ▶ **Virtual Classroom** – four live and interactive modules with the trainer, each lasting three hours. There will also be some work to complete independently before the course and between the live sessions.
- ▶ **Face to Face Classroom** – delivered over three days.

### Course Content

- ▶ Planning a HAZOP programme
- ▶ Node identification and time estimation
- ▶ Preparation of the event
- ▶ Recording style, skills and development of recommendations
- ▶ HAZOP meeting facilitation
- ▶ Team dynamics
- ▶ Leadership through the study
- ▶ Development of the final report and action management

### Attendance Certificate

An e-certificate will be issued at the end of the course to confirm attendance and CPD hours logged. Please note that you must attend all modules to receive the certificate.

CPD hours should be used as an approximate guide and will vary depending on the preferred approach of the delegate and to what extent additional learning is completed.

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## Benefits for Employers

Employers will benefit from having people who can:

- ▶ Lead HAZOP studies effectively, ensuring thorough hazard identification and risk analysis.
- ▶ Plan and manage HAZOP programmes efficiently, optimizing resource utilization.
- ▶ Facilitate productive team dynamics, leading to successful project execution.
- ▶ Implement recommendations from HAZOP studies, enhancing overall process safety.

This leads to improved safety standards, compliance with regulations, and potentially reduced operational risks and costs.

## Benefits for the Learner

Participants will acquire the ability to:

- ▶ Prepare for HAZOP study meetings, including defining the scope and selecting the team.
- ▶ Choose appropriate nodes for the HAZOP study.
- ▶ Estimate programme requirements for successful study completion.
- ▶ Use facilitation techniques to motivate the team and maintain focus.
- ▶ Address common challenges during study meetings, including managing difficult behaviours.
- ▶ Formulate comprehensive HAZOP study reports.
- ▶ Fulfil the team leader's role in implementing recommendations and managing the process.