

Safer & Healthier by Sharing

Introduction to HAZOP – 1 Day Workshop

28 February 2018, Windmill Village Hotel, Coventry

Mineral Products Association in collaboration with Eurobitume and The Institute of Asphalt Technology

Introduction to HAZOP Workshop Overview

The Introduction to HAZOP Course is a one day course intended to provide an introduction to the fundamentals of a HAZOP study. As part of the Risk Analysis process detailed in international standards IEC 61508 and IEC 61511, Process Hazard Analysis (PHA) tools such as HAZard and OPerability (HAZOP) studies are used to identify potential undesirable events that could lead to hazardous scenarios or operability problems within a process.

Course Learning Objectives

By the end of this course, participants should have an appreciation of:

- The concept of Process Hazard Analysis (PHA) in the context of the requirements of IEC 61508 and IEC 61511
- The concept of Hazard, Risk and the As Low As Reasonably Practicable (ALARP) principle
- Essential Features of a HAZOP Study
- Structured Methodology applied in a HAZOP study
- The concept of Risk Ranking and Risk Matrices for use in the study
- Application of HAZOP studies for Batch Processes
- Key Points when preparing for a HAZOP workshop

Course Leader

The training is led by Prosalus Safety Consultants who provide HAZOP services to the following clients; Rolls-Royce, Total, GlaxoSmithKline, ScottishPower, BP and Shell. <https://www.prosalus.co.uk/services/training>

Qualifications, Skills, Competence Gained

Certificate setting out the key topics covered in the course.

- Knowledge of key concepts that underpin PHA studies
- Understand the structured methodology used in HAZOP Workshops
- Tools to conduct an effective and efficient HAZOP study
- HAZOP Workshops with real examples to demonstrate an understanding of the HAZOP process.
- Provides 8 hours CPD.

Who Will Benefit

In particular:

- Plant managers of process plants who have responsibility for the management of functional safety
- Control and instrumentation engineers, chemical engineers, mechanical engineers, electrical engineers who have a responsibility or are expected to participate in Process Hazard Analysis workshops, specification, design, operation and maintenance of plants employing Safety Instrumented Systems
- Project Managers and Key Stakeholders who have overall responsibility for ensuring safety and need to be aware of Major Accident Hazards (MAHs)
- Health & Safety Professionals (Advisors, Managers, Directors, Co-ordinators)

Course Evaluation

Course evaluation will be via feedback form.

Cost

£100 + VAT per delegate.

Contact

Kevin Stevens, MPA Director for Health & Safety: kevin.stevens@mineralproducts.org, 07584 278 272.



Delegate Registration Form

Introduction to HAZOP – 28 February 2018, Windmill Village Hotel, Coventry

Please complete a form for each delegate attending

Details

Name	
Address	
Post code	
Phone	
Email	
Company	
Site	

Please return the completed form to kevin.stevens@mineralproducts.org by Wednesday 21 February 2018