

Course Overview:

The technique of Hazard and Operability Studies or in more common terms HAZOP, has been used and developed over approximately four decades for "Identifying potential hazards and operability problems" caused by deviations from the design intent of both new and existing process plants. HAZOP is an abbreviated term for Hazard and Operability study

Course Objective:

- Recognize the difference between hazard, risk and risk assessment
- To describe the role and structure of the HAZOP team and procedures.
- To introduce the role, responsibilities and conduct of HAZOP team leader.
- To provide sufficient hands-on experience in the application of the HAZOP to different processes, systems and machinery.

Course Outline:

- Introduction and basis of HAZOP
- Hazard identification (HAZID)
- Procedures and recording
- HAZOP Methodology
- The leadership of a HAZOP
- The management of HAZOP
- When to apply HAZOP
- Understanding the HAZOP guideword method
- Common Mistakes in HAZOP, and how to avoid them
- Skills of the HAZOP Team Leader

Who Should Attend:

- Supervisors, managers and engineers responsible for PHA studies
- PHA / HAZOP Team Leaders & scribes
- Health & Safety / HSE professionals
- Process Safety Management (PSM) / Loss Management specialists

Training Language:

Eng

Training Methodology:

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation