



HAZARD AND OPERABILITY STUDY (HAZOP) TRAINING

Aims and Outcomes

This course is designed for participants to gain the necessary skills to adopt a structured and systematic technique for examining a defined system, with the following objectives: Identify potential hazards in a system; Identify potential operability problems with the system; Identify potential integrity, reliability and compatibility issues which may affect the safe and reliable operation of the facility under review.

Prerequisite

Completed basic work health and safety training.

Course Content

The Hazard and Operability Study training course content includes:

- Hazard Assessment Definition
- Review of actual industry hazards
- PHA / HAZOP Study scope and objectives
- Understand the process description and design intent
- Introduction of PHA Techniques / Probability Matrix
- Team Leader Responsibilities
- Preparation and Organization of PHA Studies
- Importance of Business Records / PHA Terminology
- Selection of Study Nodes / Design intent of node
- Divide the system into nodes (prior to the MFD/P&ID review)
- Introduction of Guide words
- Guidelines for managing the team
- Recording Study Results / Maintaining Quality Control
- Management of Results and Recommendations
- Communication of Results to Management
- Workshop – Example HAZOP by team members

Certification

On successful completion of the training, candidates will be awarded a Futuro Skills Certificate in Hazard and Operability Study.

Duration

4 days

Maximum Candidates

10 persons