

Course Overview:

This course is done to deliver expert instruction on how to successfully plan and execute Hazards Analysis studies efficiently and effectively
The goal of this course is to provide the participants with the knowledge and group leadership skills to lead teams in effective Process Hazards Analysis (PHA) studies and HAZOP studies

Course Objective:

- This course is designed to deliver expert instruction on how to successfully plan and execute Hazards Analysis studies efficiently and effectively
- The aim of this course is to provide the participants with the knowledge and group leadership skills to lead teams in effective Process Hazards Analysis (PHA) studies and HAZOP studies.

Course Outline:

- Introduction
- Overview of HSE hazard
- Overview of process safety management
- Risk assessment concepts
- Overview of PHA requirements
- PHA teams
- PHA methods
- Preparing for the hazard evaluation (risk review or PHA)
- Quantitative & qualitative hazard
- Hazardous materials (flammable & combustible • substances)
- Preliminary hazards analysis
- HAZOP technique
- PHA documentation issues
- PHA leadership
- PHA leader responsibilities
- PHA facilitation skills
- Team leader qualifications
- Responsibility of participants in PHAS & HAZOP teams
- PHA group dynamics
- Pha management

Who Should Attend:

- PHA / HAZOP Team Leaders & scribes
- Health & Safety / HSE professionals
- Supervisors, managers and engineers responsible for PHA studies

Training Language:

EN / AR

Training Methodology:

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