

Course Duration : 5 Days Training
Daily Schedule : 7:30am - 2:30pm
Training Date : Upon Request
Training Venue : Doha
Traning Fees : TBI



Course Outline

Day 1

- Definition of Risk analysis and concept of probability and severity and various level of risk and controls
- Flow of analysis activity, factors responsible and competency of analysis required
- Hazard identification , quantification and introduction of its methods
- Practice

Day 2

- Type of hazards and its identification – Mechanical, chemical, Environmental , radiation
- Understanding and workout
- Risk quantification and finding out worst case scenario
- Case study and Practice

Day 3

- Process safety management - Highlighting elements of PSM
- Process hazard analysis
- Requirements approach, Techniques.
- Case study
- Practice

Day 4

- Risk analysis
- Comparative methods Qualitative
- Practice for worst case scenario and credible scenario
- Comparative methods Quantitative
- With empirical formula and example as per USEPA

Day 5

- Environmental Impact and risk assessment
- Disaster management
- Examination

COURSE OBJECTIVES

Risk Management will highlight all aspects of risk assessments, analysis. The practising safety professional has an opportunity to put theories into practice and realign his knowledge. The hazard identification focusses on process and other hazards.

About the Course Instructor



Mr. Pradyut Mitra is graduated with Bachelor in Chemical Engineering from Indian Institute of Technology and Masters in Business Administration from Indian Institute of Management.

He is a member for the professional organization in India such as;

- Life Member of the Indian Institute Of Chemical Engineers
- Member of the Institute of Engineers (India)
- Chartered Chemical Engineer as Conferred by Institute Of Engineers' (India)

Throughout his professional career, he holds several positions in oil & gas and petrochemical industries;

- Production Engineer with Pfizer Limited
- Plant Manager and Technical Services Manager with Gharda Chemicals Limited
- Head of Regional Productions with Praxair India Ltd
- Auditor with KPMG.

Since the past 10 years he has delivered training courses in various areas such as; Safety in Oil & Gas, improvement areas of Quality, Health and Safety & Environment, Hazard Identification & Risk Assessment, HAZOP, QRA, Consequence Analysis of Hazardous Processes.