



QATAR TECHNICAL PETROLEUM CENTER MAJOR ACCIDENT HAZARD MANAGEMENT

QTPC - AN ISO 9001:2008 Regd.



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 major accident hazard organization and why special focus required , Flow of activity , statutory requirements , factors responsible and competency of organization required , benefits of society
- Hazard identification and its methods
- Case study and Practice

Day 2

- ALARP Principle
- Understanding and workout
- Process safety
- Hazard and operability study , Requirements approach and techniques
- Case study , Practice , Quiz

Day 3

- Risk analysis
- Comparative methods Qualitative
- With practice
- Comparative methods Quantitative
- With empirical formula and example
- Preparation of emergency plan- onsite and offsite

Day 4

- Emergency plan preparation
- Details and how they are to be put
- Formation of groups and inter communication
- Practice of group response – mock drill
- Report and action plan

Day 5

- Review of course and questions and answers
- Test – written examination
- Distribution of accolades

COURSE OBJECTIVES

- To provide comprehensive understanding of Major Accident Hazard Management
- Understanding risk quantification and interpretation.
- Introduction to Qualitative and Quantitative Risk Assessment Methodologies and Tools to assist in decision making and demonstrating effective management of risk.
- Emergency plans and validating them
- Interaction with statutory authority

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.