

COURSE TITLE : PROCESS HAZARD IDENTIFICATION (HAZID) TRAINING

INTRODUCTION

Process safety is a very huge and fast developing field. Process safety hazards are not frequent occurring but they claim huge lives and damages when they occur. The risks are well addressed by the petrochemicals and oil and gas industry. However in the general chemical some awareness is still lacking. Among the fundamentals of process safety is hazard identification and risk assessment. HAZID is the most straightforward method of hazards identification in processes. However the study itself needs to be managed to get the best out of it.

COURSE OBJECTIVE

At the end of the session, participants should have a good overall awareness and knowledge on basis of conducting a HAZID study.

Trainees will also have a better understanding of the tools, requirements and hurdles faced during HAZIDs.

COURSE CONTENT

Introduction to Hazard and Risk

- Defining Hazard / Risk
- Methods of identifying hazards
- Process safety hazards

HAZID management

- Resource management
- Action management
- Reviews

HAZOP introduction

- Brief history
- Hazard identification during life cycle of a plant
- Where and when to use/not to use HAZID
- Roles of every participant in HAZID
- Leadership in HAZID

HAZOP Method

- Describing an overall process
- Section selection
- Creating a potential Hazard Case
- Evaluating causes and consequences
- Assessing risk
- Writing meaningful recommendations
- Calibrating the risk matrix

For Further Training Information

For further training information and/or course booking, please contact:

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