



HAZOP LEADERS COURSE

The Hazard and Operability Study (HAZOP) is a standard hazard analysis technique used in the preliminary safety assessment of new systems or modifications to existing ones.

The HAZOP study is a detailed examination, by a group of specialists, of components within a system to determine what would happen if that component were to operate outside its design mode.

The effects of such behavior are then assessed and noted down on study forms. The categories of information entered can vary from industry to industry and from company to company. The effectiveness of the hazard identification process relates strongly to the interaction of the team and the individual diverse backgrounds of the personnel involved.

COURSE CONTENT

In this course you will learn the skills required to successfully facilitating a HAZOP as the team Leader, the skills include:

- The philosophy of HAZOP studies;
- The HAZOP study objectives and methodology;
- Choosing the most effective technical risk management tool for a given issue / situation;
- Organize and manage technical aspects of a HAZOP Study to produce effective results;
- Guide words for different operations and facilities
- Team selection
- Facilitate the HAZOP process and manage team dynamics;
- Minute taking;
- Case studies;
- Leadership & decision making skills;
- Managing group dynamics;
- P&ID's & Node selection
- Knowledge and understanding of hazard and risk management [HAZOP, PHA, THA, JHA]
- Simulated HAZOP studies.

WHO SHOULD ATTEND

The course is open for participants who have a basic technical understanding of the safety process and wish to lead HAZOP teams. Participants include:

- Process and project engineers
- Operations / maintenance supervisors
- HS&E Managers
- Other professionals who desire a better understanding of the subject matter

BENEFITS

Qualified and experienced personnel facilitate all courses using interactive teaching techniques including visual presentations, class discussion, practical exercises and case studies. The experience and background of the presenters ensures that the course provides participants with relevant knowledge, skills and abilities which is more than just theory.