


Hazard and Operability (HAZOP) Study Training

Gain an Understanding, Implementation and Challenges of the HAZOP Study Methodology.

 Formation

 Sessions sur demande

 Certificat

 Formation présentielle

 14 heures

Référence de la formation: FR-RIn4 | Numéro de fabricant:

Version: 01.12.2022. Vous trouverez toutes les informations actuelles sur <https://academie-fr.tuv.com/s/FR-RIn4>

Learn the technique, application and limitations of the HAZOP study methodology, one of the commonly used hazard identification methods.

This module covers the skills needed and work involved as part of the HAZOP Study, except detailed HAZOP facilitator training.

Students can practice the technique.

Les objectifs

Participants will be able to:

- Critically review the HAZOP technique and output
- Analyse how the HAZOP technique can be applied to a project's lifecycle such as Front-End Engineering and Design (FEED), detailed design, revalidation and decommissioning
- Gain the skills to lead and prepare for a HAZOP workshop
- Generate a HAZOP report

Le public ciblé

- Project Managers
- Operations Managers
- Process Engineers
- Operators
- Health, Safety and Environment (HSE) Advisors
- Risk Management Practitioners

Les prérequis

Education, skills or experience equivalent to undergraduate level.

Risktec modules: Principles of Risk Management, Hazard Identification.

Le contenu de la formation

COURSE TOPICS

- Introduction to risk assessment
- Basic engineering terminology
- Process safety incidents – lessons learned

- Hazard and Operability Study (HAZOP) – what, when, how, guide words and parameters, nodding, teams, roles and responsibilities
- Recording methods, software, reporting and close-out
- Overview of the Layers of Protection Analysis (LOPA) technique
- Major HAZOP studies, minor modification studies
- Common failings in HAZOPs, Limitations of HAZOPs
- Leading HAZOP teams
- Other forms of HAZOP – procedures, batch operations

Informations importantes

Si vous êtes en situation de handicap, nous vous remercions de bien vouloir nous contacter avant de procéder à l'inscription en envoyant un mail à formation@fr.tuv.com. Nous mettrons tout en œuvre pour répondre à votre besoin de formation.

If you have a disability, please contact us before registering by sending an email to formation@fr.tuv.com. We will do our best to accommodate your training needs.