

Formation H2 Risk Safety Training Academy - Niveau 2

Ref. **H2M02R-EN**
Durée : 1.0 jour(s) / 7.0 heures

In collaboration with ENSOSP (Ecole Nationale Supérieure des Officiers de Sapeurs-Pompiers) and Bureau Veritas, ENGIE and TotalEnergies have developed a training course on the safety of industrial installations related to hydrogen production. H2 Risk Safety Training is a sub-project of Masshylia.

Pré-requis :

Oral and written mastery of the English language.

Personnes concernées :

Safety training is aimed at both public (local authorities, fire brigades, associations, etc.) and private (industry, engineering, etc.) actors.

Objectifs :

Understand the uses of hydrogen
Understand the risks associated with hydrogen
Understand the protection and intervention measures in a hydrogen project

Programme :

Theoretical framework

Overview of hydrogen

- Properties of hydrogen
- Ways of producing hydrogen
- Uses of hydrogen

Risks associated with hydrogen

Accident feedback

Hydrogen regulatory framework

- Fixed installations-
- Mobile installations

Break

Risk management process

Accident simulation tools

Common obstacles to hydrogen installations

- Organisational
- Technical

Case study

Mobility

Distribution infrastructure
Hydrogen vehicles

Hydrogen production on an industrial site

Production
Storage
Distribution

Crisis management

Leak response on hydrogen facilities



Démarche pédagogique :

Theoretical presentations and practical cases
The training is led by an instructor from Engie, TotalEnergies, ENSOSP and/or Bureau Veritas



Evaluation et validation :

Quiz at the end of the training and delivery of a training certificate



Le + :

The price per participant includes the one-day training course at ENSOSP in Aix en Provence, lunch, administration (registration, invoicing, ...)