

Hydrogen Safety Assurance

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 Formation

 Disponible à tout moment

 Attestation de présence

 E-learning

 7 heures

 Réalisable en ligne

Référence de la formation: FR-SE33

Version: 20.04.2024. Vous trouverez toutes les informations actuelles sur <https://academie-fr.tuv.com/s/FR-SE33>

This course introduces the "Hydrogen Hazard", exploring the differences between hydrogen and hydrocarbons (including natural gas) and how these differences can be and currently are being captured in safety and risk management tools and techniques. Existing good practice drawn from other more mature industries is presented with example case studies, including a discussion around existing standards and regulations. Current limitations and "known unknowns" of hydrogen are presented to give attendees a flavour of the necessary steps required before hydrogen can become a significant 'element' of the energy transition.

Les objectifs

The objective is to introduce attendees to the challenge that hydrogen presents to those responsible for risk management and safety assurance, highlighting both commonalities and differences between hydrogen and well-understood hydrocarbons.

Le public ciblé

People working in electrical engineering, mechanical engineering, fluid mechanics, metrology, QSE...

Les prérequis

No prerequisites.

Le contenu de la formation

- Introduction & Context
- Risk Assessment for Hydrogen
- Hydrogen Hazard Identification
- HAZOP, LOPA & SIL
- DSEAR
- QRA & Consequence Modelling
- Emergency Response & Crisis Management
- Known Unknowns

After completing the module you should be able to :

1. Have an understanding of the hydrogen hazard, its specific characteristics and challenges
2. Understand how established risk assessment tools and techniques can be applied to hydrogen schemes
3. Appreciate of the limitations of hydrogen risk assessment tools and techniques

Informations importantes

Delivery method: live online : 4 x 2 hour sessions

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.

Aperçu des dates et réservation

Réservez dès maintenant la date de votre choix directement en ligne sur <https://academie-fr.tuv.com/s/FR-SE33> et profitez de ces avantages :

- Processus de réservation rapide
- Compte client personnel

- Réservation simultanée pour plusieurs participant(e)s.

Vous pouvez également utiliser le formulaire de commande pour commander par e-mail.