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Hydrogen Design, Application and Carrier Safety Training Courses

RTTP Course no.: TUV/1/2023(RT)

Who is this for?

Managers, engineers, operators, HSE advisors and risk management practitioners involved in Hydrogen energy projects.

Hydrogen Design Safety Training

Introduction of design standards and requirements for Hydrogen Applications

- Safety instrumentation system requirements
- Fire protection, fire resistance and ventilation design requirements
- Design requirements for hydrogen related pressure vessel, piping and valves
- Standards for explosion relief facilities and explosion proof hazardous area classification

Hydrogen Application Safety Training

Safety risk management in hydrogen production and application sites

- Safety management points for hydrogen production systems and hydrogen energy sites
- Risk management measures for production and use of hydrogen fuel cell
- Case study on safety requirements for operation of hydrogen systems and the management of
- the competency matrix for personnel Requirements for emergency management

Hydrogen Carrier Safety Training

Overview of specific requirements for flammable gas and hydrogen cylinder.

- Gas cylinder storage and transportation requirements and control measures
- Process safety management for hydrogen production and application sites
- Safety management of hydrogen related systems in public environment

RTTP

- This course is a pre-approved course under TUV Rheinland Hong Kong Ltd and eligible participants can reimburse up to 2/3 of the course fee.
- Only applicable to Hong Kong permanent residents and participants must be sponsored by a Hong Kong employer.
- There is no limit to the number of employees who can be trained.
- Participants must submit their subsidy application to the RTTP Secretariat at least 2 weeks prior to the course start date.
- This course can be provided as in-house course

Registration

- Date: 18 – 21 October 2023 (3 days training + 0.5 day examination)
- Venue: TBC
- Language: English
- Course Fee: HK\$19,000
- Enquiry: **Danny Chong** M: 97202901
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