



Management of Flammable, Toxic and Inert Gas

This course is designed to equip learners with the knowledge to ensure hazardous gases (i.e., flammable, toxic and inert gas) are managed safely in the lab/workplaces through proper containment, engineering controls, mitigating actions to ensure gas hazards are eliminated/reduced, and compliance to relevant legal requirements.

DURATION

1 Day

LANGUAGE

English

COURSE CODE

HS-50521

Management of Flammable, Toxic and Inert Course

Course Content

The syllabus focuses on:

- Legal Requirements and Governing Authorities on Hazardous Gases
- Gas Hazards and Risk Analysis
- Gas incident case studies
- Storage, usage, transportation and disposal of gas cylinders
- Monitoring and prevention of gas leaks
- Emergency Preparedness and Response for Gas Emergency Scenarios
- Globally Harmonised System
- Safety Data Sheets

Who Should Attend

Those involved in handling and management of flammable, toxic and inert gases in laboratories or workplaces.

Method of Study

- Face-to-face workshop with active learning environment
- Online Webinar with virtual interactive activities
- Sharing of accident cases and best industrial practices.

Assessment

Online Quiz upon completion of course

Certification

Certificate of Attendance will be awarded for participant who:

- With 100% attendance; and
- Passing the assessment criteria

Learning Outcomes

- Understand the Legal Requirements and Governing Authorities on Hazardous Gases
- Determine the Gas Hazards and Risk Analysis
- Understand the gas Incident case studies
- Identify the storage, usage, transportation and disposal of gas cylinders
- Apply on monitor and prevention of gas leaks
- Establish Emergency Preparedness and Response for Gas Emergency Scenarios
- Understand Globally Harmonised System (GHS)
- Apply the Information in Safety Data Sheets (SDS)

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