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Provides Quality HSE Training
and Consultancy



Objectives:

To ensure that workers preparing for the gas tester role have appropriate knowledge to conduct gas tests for oxygen levels, flammable and toxic gases safely within confined space areas and prepare the workers with enough awareness of confined space hazards.

Course is intended for:

Individuals who are involved in oxygen, flammable, and toxic gases testing and including working in confined spaces, involved in testing for flammable gas in preparation for hot work, and individuals who provide safety watch duties by the ongoing monitoring of a hot work site.

Course overview:

- Confined space measures
 - Hazards: oxygen deficient, toxic, and flammable environment
 - Hot work activities and its toxic products
 - Safe Hot Work gas testing
- Organizational and legal requirements
 - Personal Protective Equipment (PPE - RPE) selection and care
 - Permit-to-work system principles
- Risk assessments and safe systems of work
 - Interpretation of operational requirements and instructions
- Hazards and properties of flammable gases
 - Behaviors of different gases
 - Flammable gas, toxic gas, and vapor clouds possible presence
 - Checking controls on equipment
 - Importance of regular communication for the job - documentation
- Operation of gas detector equipment
 - Advantages and disadvantages of flammable and toxic gas detection equipment
 - Gas detector operation
 - Setting up of detector and correct functioning
- Gas detection equipment considerations
 - Gas detector pre-start checks
 - Calibration
 - Detectors used for flammable product & atmospheric testing
 - Interpreting and documenting results
 - Acceptable levels of flammable and toxic gases
- Performing gas tests
 - Monitoring and retesting

Duration:

8 hours

For inquiries, contact us.

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