



## COURSE OVERVIEW

### MSMWHS217 – GAS TEST ATMOSPHERES

This course is designed to ensure that participants have the skills and knowledge required in relation to the testing of the working atmosphere to determine if it is safe for the proposed work. Testing involves the use of electronic test apparatus.

In a typical scenario an individual may be required to carry out gas testing of an atmosphere prior to entering a specific area or workspace. This course trains personnel in the interpretation of readings and the taking of related actions based on the readings.



### PERFORMANCE CRITERIA

- Prepare for gas testing
- Test gas
- Maintain equipment
- Correctly store equipment.

### INFORMATION

#### TARGET AUDIENCE

There are no pre-requisites for this course

#### DURATION

1 DAYS

#### COST

POA

#### NUMBER OF PARTICIPANTS

Maximum 10



## COURSE CONTENT:

- Read and interpret a meter and then communicate the conclusions.
- Interpretation and communication of results of sampling.
- Common chemical asphyxiates, including hydrocarbons, carbon dioxide, carbon monoxide, hydrogen cyanide, and hydrogen sulphide
- Common irritants and corrosives, including chlorine, ammonia and acid bases
- Common flammable gases, including acetylene, petroleum, methane, ethane, propane and butane
- Narcotics (explosive range, upper and lower explosive limits)
- Exposure standards (time weighted average, short term exposure limits, peak limitation values, examination of toxic effect at the level of a range of flammable gases)
- Conditions under which atmospheres become hazardous
- Units of measurement used to express concentration of atmospheric contaminants (mg/cubic m. ppm, % v/v)
- Theoretical and Practical Assessments.



## CERTIFICATION

A Statement of Attainment will be issued upon successful completion by the RTO in accordance with our RTO Third Party Provider arrangement.

