

2020 COURSE INFORMATION FOR GAS TEST ATMOSPHERES

**Duration:**

6 Hour

Max Students:

15

Designed for:

This course is designed for a student that may be required to carry out gas testing of an atmosphere prior to entering a specific area or workspace. The competency requires the student to interpret readings and take actions based on the interpretation.

Pre-requisites:

Nil

Co-requisites:

Nil

Pre-entry Requirements:

This unit requires the ability to read and interpret a meter and then communicate the conclusions. Writing is required to the level of completing required workplace reports/forms. Numeracy read the instrument and interpret the results as being safe/not safe and so determine the required actions.

Unique Student Identifier (USI) - www.usi.gov.au

Fitness to participate

Description:

Gas test atmospheres course is designed for students who could be required to undertake routine procedures requiring the use of portable atmospheric monitoring equipment. The successful student will be competent to work in situations requiring the use of portable atmospheric monitoring equipment.

Content:

As may be relevant to the plant/site/process, knowledge of the following may be required:

- Common chemical asphyxiants, 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).
- Underpinning skills could include interpretation and communication of results of sampling

Unit of Competency

MSMWHS217 Gas test atmospheres

Assessment:

Assessment of this course is through theory assessment, completion of the Learners resource and observation of students carrying out a range of practical activities involving the use of a gas detector.

Delivery Method:

Classroom theory via PowerPoint and the issued learner resource including practical activities involving the use of a gas detector.

There are currently no dates available for this course.