

Hazardous Atmosphere and Confined Space Atmosphere Testing - Refresher City & Guilds Assured (HAACSAT-R) Syllabus

Course information

- HAACSAT-R provides delegates with a refreshment of knowledge on the understanding of:
 - a) How to complete atmosphere testing and monitoring, when confined space work is taking place
 - b) How to complete atmosphere testing and monitoring, when hot work or breaking containment taking place
 - c) Correct procedures when carrying out fire watch or standby duties
 - d) Responsibilities for standby personnel during hot work or confined space
- The course consists of one day classroom based training with a written assessment
- Delegates must have a current HAACSAT certificate
- Delegates will be provided with all the necessary documentation and manuals
- All personnel who participate in gas testing training must be physically and mentally capable of participating fully

Course syllabus

The course contains the following modules:

- Module 1 - Safe Working
- Module 2 - Atmosphere Hazards
- Module 3 - Confined space
- Module 4 - Hot Work and Breaking Containment
- Module 5 - Sensor Technology
- Module 6 - Use of Equipment

For detailed learning outcomes of each module, please see overleaf

Upon completion of the training, the duty holder/employer must ensure that further workplace training is provided and workplace competence assessment is conducted prior to formal appointment of the role.

*For further information or to arrange a course, please contact JMS Consultants on
01472 720158 or at postbox@jmsconsultants.co.uk*



ASSURED

Module 1 - Safe Working

Delegates will have an understanding of:

- *The principles of legislation*
- *Risk assessment and safe systems of work*

Module 2 - Atmosphere Hazards

Delegates will have an understanding of:

- *Acceptable levels of oxygen*
- *Gas composition*
- *Toxic substances and atmospheres*
- *Flammable substances and their effects*
- *Acceptable levels of flammable and toxic substances*
- *DSEAR regulations and ATEX zoning*

Module 3 - Confined Space

Delegates will have an understanding of:

- *The definition of a confined space*
- *Testing and retesting of confined spaces*
- *Positioning of monitors with confined spaces*

Module 4 - Hot Work and Breaking Containment

Delegates will have an understanding of:

- *The definition of hot work*
- *Areas of testing*
- *Positioning of monitors*

Module 5 - Sensor Technology

Delegates will have an understanding of:

- *Sensor design and functionality*
- *The correct selection of sensors*
- *Sensor limitations*
- *BUMP testing and calibration*

Module 6 - Use of Equipment

Delegates will have an understanding of:

- *Application of detection equipment*
- *Pre-use Checks*
- *Limitations on detection equipment*
- *The difference between pumped and natural diffusion*