

## **Hazardous Atmosphere and Confined Space Atmosphere Testing (HAACSAT)**

### **Course information**

HAACSAT provides delegates with an 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 is 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 two days classroom based training with a written assessment and an on-site practical example (*if available*)

Delegates will be provided with all the necessary documentation and manuals

Delegates will require relevant PPE for the practical element of the course

All personnel who participate in gas testing training must be physically and mentally capable of participating fully

### **Course syllabus**

The course contains the following sections:

- Safe Working
- Atmosphere Hazards
- Confined space
- Hot Work and Breaking Containment
- Sensor Technology
- Use of Equipment

For detailed learning outcomes of each section, 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](mailto:postbox@jmsconsultants.co.uk)*



**ASSURED**

## **Safe Working**

*Delegates will have an understanding of:*

- *The principles of legislation*
- *Risk assessment and safe systems of work*
- *Use of permission to work systems*
- *The correct selection and use of PPE and RPE*

## **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*

## **Confined Space**

*Delegates will have an understanding of:*

- *The definition of a confined space*
- *Safe working with confined spaces*
- *Testing and retesting of confined spaces*
- *Monitoring of confined spaces*
- *The responsibilities of standby persons*

## **Hot Work and Breaking Containment**

*Delegates will have an understanding of:*

- *The definition of hot work*
- *Test boundaries*
- *Safe system of work with hot work*
- *The responsibilities of a fire watcher*
- *How the environment can impact the work area*

## **Sensor Technology**

*Delegates will have an understanding of:*

- *Sensor design and functionality*
- *Detection for flammable substances in inert atmospheres*
- *The correct selection of sensors*
- *Sensor limitations*
- *BUMP testing and calibration*

## **Use of Equipment**

*Delegates will have an understanding of:*

- *Selection of detection equipment*
- *Pre-use Checks*
- *Identification of faulty or defective equipment*
- *Repair and maintenance*
- *Limitations on detection equipment*
- *The difference between pumped and natural diffusion*