



MSMWHS217 Gas test atmospheres

ISH24 Pty Ltd

RTO 41559

www.ish24.com.au

1300 001 201

training@ish24.com.au

COURSE OVERVIEW

This unit of competency covers the skills and knowledge required to test the working atmosphere using electronic test apparatus to find out if it is safe for the proposed work. The unit is suitable for use when working in confined spaces, enclosed and partially enclosed spaces, hot work, storage tanks, silos, pits, pipes, shafts, ducts, transport vehicles and ships. This unit of competency applies to an individual working alone or as part of a team or group and working in liaison with other shift team members and the control room operator, as appropriate. This course is run from a state-of-the-art confined space training facility and is designed with focus on practical scenarios and assessments, as well as classroom-based theory delivery.



COURSE CONTENT

Prepare for gas testing

- Find out type of gas/ atmosphere to be tested
- Select and calibrate equipment in accordance with procedures (including emergency procedures, work instructions, SWMS, etc.)
- Find out gas testing regime/ sampling pattern required
- Identify hazards from possible atmosphere contaminants
- Implement hazard control measures and use of appropriate PPE

Test gas

- Use gas testing equipment and test gas as required
- Interpret and report readings
- Monitor gas on an ongoing basis

- Take required action if readings are unacceptable
- Apply known solutions to routine problems such as changes in readings, unexpected readings, faults in equipment
- Communicate required actions to be taken to appropriate personnel

Maintain equipment

- Clean and maintain gas testing equipment in accordance with procedures
- Inspect and fault-find monitoring equipment
- Return gas testing equipment to required location and in required condition
- Maintain records of tests and results

ENTRY REQUIREMENTS

- Be at least 18 years of age (Photo Identification is required to be sited prior to course commencement.)
- USI Number
- Be fit and able to climb and crawl
- Not have a fear of heights or confined spaces
- Arrive in suitable clothing (long pants, closed-in shoes, long sleeve shirt)
- Language, literacy and numeracy skills required to interpret legislative requirements and to undertake written and practical assessment activities
- **There are no pre-requisites for this course**

COURSE DURATION

1/2 Day (approximately 4-5 hours)

COURSE DATE & DELIVERY LOCATION

Please inquire **1 300 001 201**
Or view list of upcoming public courses [online](#)

CLASS SIZE

Up to 12 participants per class

FEES AND CHARGES

Please contact us for a group / corporate quote.

NATIONAL RECOGNITION

Students who are deemed competent upon successfully completing the training and assessment will receive a Statement of Attainment nationally recognised under the Australian Qualifications Framework.

OBTAINED UNITS OF COMPETENCY

ISH24 Pty Ltd RTO 41559 will issue the Statement of Attainment for the following unit:

- MSMWHS217 Gas test atmospheres

MODE OF DELIVERY

Delivery of this course will be face to face; classroom-based blended with some practical activities. There are no pre-reading requirements. All content is covered in class as part of the training.

ASSESSMENT SUMMARY

THEORY

Mixture of multiple choice and short answer questions. Student will be required to write down their own answers.

PRACTICAL

Each student will be required to participate in at least one practical scenarios which will assess their ability to:

- recognise and assess conditions that require testing
- identify the appropriate action according to procedures and within scope of responsibility, including:
 - selecting, preparing and using gas testing equipment & PPE
 - applying testing regime
 - identifying hazards and applying control measures
 - cleaning and maintaining equipment
- take readings and interpret, report/record relevant data
- apply known solutions to routine problems
- communicate clearly and unambiguously with a range of personnel on safety conditions and procedures.

DUTY OF CARE

ISH24 Pty Ltd adopts high standards in duty of care of its learners and assessors. ISH24 Pty Ltd reserves the right to turn anyone away that seems to be under the influence of drugs or alcohol. This action is to ensure that the learners' and assessors' safety is assured and that ISH24 Pty Ltd maintains an accident free learning environment and complies with our duty of care responsibilities. At ISH24 Pty Ltd we provide a friendly and supported environment to learn and achieve.