

## AUTHORIZE GAS TESTER - JIG

*"Ensuring safety and compliance through certified gas testing practices"*

### Schedule

Date	Venue	Fees (Face-to-Face)
05 - 06 May 2026	Riyadh, KSA	USD 1995 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

### Introduction

Gas testing is a critical safety procedure in industrial and hazardous environments. Proper authorization and practical skills ensure that personnel can safely identify and mitigate risks associated with flammable and toxic gases.

This 2-day intensive training equips participants with the knowledge and hands-on experience required to perform authorized gas testing effectively. Participants will learn industry standards, testing procedures, and emergency response measures to ensure a safe workplace.

### Objectives

By the end of this course, participants will be able to:

- Understand the principles and importance of gas testing
- Operate gas testing equipment safely and accurately
- Identify and measure hazardous gases in industrial environments
- Implement emergency response protocols based on gas detection results
- Comply with regulatory requirements and industry safety standards
- Prepare for workplace authorization as a certified gas tester
- Enhance practical skills for safe operations in hazardous areas

## Why Attend

- Gain practical skills to perform accurate and safe gas testing
- Learn regulatory requirements and best practices
- Improve workplace safety and risk mitigation
- Achieve certification as an authorized gas tester
- Enhance competence in handling hazardous environments

## Target Audience

This program is designed for:

- Safety officers and HSE professionals
- Industrial operators and technicians
- Supervisors and managers in hazardous operations
- Personnel responsible for gas detection and monitoring
- Individuals seeking certification as authorized gas testers

## Individual Benefits

Key competencies that will be developed include:

- Safe operation of gas detection instruments
- Knowledge of gas types and associated hazards
- Ability to perform testing according to industry standards
- Emergency response and mitigation skills
- Certification readiness as an authorized gas tester

## Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved workplace safety and hazard control
- Compliance with regulatory and industry standards
- Reduced risk of gas-related incidents and accidents
- Enhanced competency of staff in hazardous area operations
- Strengthened overall safety culture

## Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings - Principles of gas detection and safety standards
- Case Studies - Real-world examples of gas hazards and mitigation
- Workshops - Hands-on exercises with gas detection instruments
- Peer Exchange - Group discussions on best practices and lessons learned
- Tools - Checklists, procedures, and templates for gas testing

## Course Outline

Detailed 2-Day Course Outline

Training Hours: 9:00 AM – 3:30 PM Daily Format: 3–4 Learning Modules | Coffee breaks included

Day 1: Introduction to Gas Testing and Safety

Module 1: Fundamentals of Gas Testing (09:00 – 10:30)

- Types of gases and hazards
- Importance of gas testing in industrial safety

Module 2: Gas Detection Instruments (10:45 – 12:15)

- Instrument types, calibration, and maintenance
- Safe operation and handling

Module 3: Workplace Safety and Compliance (01:00 – 02:15)

- Industry standards, regulations, and procedures
- Risk assessment and mitigation strategies

Module 4: Workshop – Practical Gas Testing (02:30 – 03:30)

- Hands-on exercises in using detection equipment
- Group discussion and review

Day 2: Advanced Gas Testing Techniques and Certification

Module 1: Advanced Testing Procedures (09:00 – 10:30)

- Testing in complex and hazardous environments
- Measuring, interpreting, and reporting results

Module 2: Emergency Response Protocols (10:45 – 12:15)

- Procedures for hazardous gas incidents
- Mitigation and containment strategies

Module 3: Authorization and Certification (01:00 – 02:15)

- Requirements for becoming an authorized gas tester
- Documentation and record-keeping

Module 4: Workshop – Practical Assessment (02:30 – 03:30)

- Hands-on evaluation for certification readiness
- Group review and feedback

## Certification

Participants will receive a Certificate of Completion as an Authorized Gas Tester – JIG, validating their practical competence and authorization to perform gas testing safely in industrial and hazardous environments.

## Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation's unique goals.

**In-House / Customized Training**

Interested in running this course for your team?

Please contact us:

TEL:

**+601116373203**

EMAIL:

**info@mawaevents.net**

© Material published by MAWA Events shown here is copyrighted. All rights reserved. Any unauthorized copying, distribution, use, dissemination, downloading, storing (in any medium), transmission, reproduction or reliance in whole or any part of this course outline is prohibited and will constitute an infringement of copyright.