MAWA EVENTS

Address: No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

Phone: +601116373203 | **Email:** info@mawaevents.net

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

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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

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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.

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