MAWA EVENTS

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

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

H_2S AWARENESS & SAFETY COURSE

"Protect Lives and Assets Through Effective Hydrogen Sulfide Hazard Awareness"

Schedule

Date	Venue	Duration	Fees (Online)
12 – 13 May 2026	Online	2 Days	USD 700 per delegate

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

Introduction

Hydrogen Sulfide (H_2S) is one of the most dangerous gases encountered in oil & gas, petrochemical, wastewater, and industrial environments. Exposure to H_2S can lead to serious health effects or fatalities if not properly managed. This intensive 2-day training equips participants with essential knowledge to recognize, assess, and control H_2S hazards in the workplace.

The course emphasizes practical safety measures, emergency response procedures, and regulatory requirements related to H_2S exposure. Through real-world scenarios and interactive learning, participants will gain the confidence and skills needed to work safely in H_2S-prone environments and respond effectively to potential incidents.

Objectives

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

- Understand the properties and health effects of hydrogen sulfide (H_2S)
- Identify H_2S hazards and high-risk environments
- Recognize symptoms of H_2S exposure and exposure limits
- Apply safe work practices and control measures
- Use gas detection equipment and personal protective equipment (PPE) correctly
- Respond effectively to H_2S emergencies and incidents

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Why Attend

- Enhance personal and workplace safety in H_2S environments
- Reduce the risk of exposure-related injuries and fatalities
- Meet safety training and regulatory compliance requirements
- Learn practical emergency response procedures
- Increase confidence in recognizing and managing H_2S hazards

Target Audience

This program is designed for:

- Oil & gas, petrochemical, and industrial workers
- Safety officers and HSE professionals
- Maintenance and operations personnel
- Contractors and supervisors working in H_2S-prone areas
- Emergency response and rescue team members

Individual Benefits

Key competencies that will be developed include:

- Awareness of H_2S hazards and associated health risks
- Ability to recognize unsafe conditions and exposure symptoms
- Skills in using gas detectors and PPE correctly
- Knowledge of emergency response and evacuation procedures
- Increased safety awareness and personal accountability

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved safety performance and risk awareness
- Reduced incidents related to H_2S exposure
- Stronger compliance with safety regulations and standards
- Enhanced emergency preparedness and response capability
- A safer working environment for employees and contractors

Instructional Methodology

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

- Strategy Briefings – Fundamentals of H_2S hazards, exposure limits, and regulations
- Case Studies – Real-life incidents involving H_2S and lessons learned
- Workshops – Practical exercises on hazard identification and control measures
- Peer Exchange – Group discussions on safety challenges and best practices
- Tools – H_2S safety checklists, exposure limit charts, and emergency response guides

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Course Outline

Detailed 2-Day Course Outline Training Hours: 7:30 AM – 3:30 PM

Daily Format: 3–4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Break: 01:00 – 02:00

Day 1: H_2S Fundamentals and Hazard Awareness

Module 1: Introduction to Hydrogen Sulfide (07:30 – 09:30)

- Properties and characteristics of H_2S
- Sources of H_2S in industrial and oil & gas operations

Module 2: Health Effects and Exposure Limits (09:45 – 11:15)

- Acute and chronic health effects of H_2S
- Occupational exposure limits and regulations

Module 3: H_2S Hazard Identification and Risk Assessment (11:30 – 01:00)

- Identifying H_2S-prone areas
- Risk assessment techniques

Module 4: Workshop – Hazard Awareness (02:00 – 03:30)

- Practical scenarios and hazard identification exercises

Day 2: Control Measures and Emergency Response

Module 1: Engineering and Administrative Controls (07:30 – 09:30)

- Ventilation, monitoring systems, and safe work procedures

Module 2: PPE and Gas Detection Equipment (09:45 – 11:15)

- Types of gas detectors and breathing apparatus
- Proper use, limitations, and maintenance

Module 3: Emergency Response and Rescue Procedures (11:30 – 01:00)

- Alarm systems, evacuation plans, and rescue protocols

Module 4: Workshop – Emergency Response Simulation (02:00 – 03:30)

- Scenario-based emergency response exercises
- Course wrap-up and Q&A

Certification

Participants will receive a Certificate of Completion in H_2S Awareness & Safety, validating their knowledge and practical understanding of hydrogen sulfide hazards, control measures, and emergency response procedures.

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**

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