MAWA EVENTS

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

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OPITO H2S TRAINING COURSE

"Ensuring Competency in Hydrogen Sulfide (H_2S) Hazard Recognition, Response, and Escape Procedures"

Schedule

Date	Venue	Fees
04 Jun 2026	Online	USD 450 per delegate

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

Introduction

Hydrogen sulfide (H_2S) is a highly toxic and flammable gas commonly encountered in oil and gas, wastewater, petrochemical, and other industrial operations. Exposure to even small concentrations can cause rapid health deterioration and fatality. Organizations operating in H_2S-prone environments must ensure personnel are trained and certified to detect, respond to, and safely evacuate from H_2S exposure zones.

This OPITO-aligned 1-day course provides essential knowledge and practical instruction for individuals who may be exposed to H_2S gas during operations. Delivered online by certified instructors, the course covers H_2S characteristics, detection, use of respiratory protective equipment, and emergency response procedures in accordance with OPITO's international standards.

Objectives

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

- Understand the properties, risks, and effects of H_2S gas exposure
- Recognize H_2S hazard zones and implement safe work practices
- Use H_2S detection and monitoring equipment correctly
- Apply emergency response actions, including escape breathing apparatus (EBA) use
- Demonstrate compliance with industry-standard H_2S procedures (OPITO)

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Why Attend

- Meet regulatory and industry training requirements for H_2S operations
- Reduce health and safety risks for personnel in hazardous work zones
- Understand how to recognize early symptoms and respond to exposure
- Gain confidence in operating H_2S detectors and emergency equipment
- Receive certification aligned with globally recognized OPITO standards

Target Audience

This program is designed for:

- Oil and gas workers (onshore/offshore)
- Drilling and production crew
- Turnaround and shutdown personnel
- Emergency response team members
- Anyone working in or near H_2S-identified areas

Individual Benefits

Key competencies that will be developed include:

- Identification of H_2S-prone areas and operational hazards
- Correct donning and use of emergency escape breathing devices (EBDs)
- Knowledge of first aid response and casualty handling
- Understanding the function and calibration of gas monitors
- Execution of site-specific H_2S emergency response procedures

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved compliance with OPITO and HSE regulations
- Reduced response times and improved survival outcomes
- Stronger safety awareness and hazard prevention culture
- Improved risk assessment during maintenance, drilling, or shutdowns
- Enhanced preparedness during H_2S gas detection or release scenarios

Instructional Methodology

The course follows a blended learning approach combining theory with virtual demonstrations:

- Instructor-Led Briefings – OPITO guidance, H_2S properties, and hazards
- Live Equipment Demonstrations – Detectors, alarms, and breathing apparatus
- Interactive Scenarios – Emergency drills and response role-play
- Case Studies – Real-world incidents involving H_2S exposure
- Assessment – Knowledge checks and response simulation quiz

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Course Outline

1-Day Course Agenda | Delivery Format: Online (Live) | Platform: Zoom, WebEx or Microsoft Teams

- Module 1: Introduction to Hydrogen Sulfide (H_2S) • Properties, toxicity, and exposure effects • Common sources and operational risk areas
- Module 2: Detection, Monitoring & Alarm Systems • Fixed vs portable H_2S detectors • Alarm response levels and safe zones
- Module 3: PPE and Emergency Equipment • Escape breathing apparatus (EBA) and SCBA overview • Emergency evacuation procedures
- Module 4: Emergency Response and Case Reviews • Incident response steps and rescue coordination • Final knowledge test and Q&A

Certification

Participants will receive an OPITO-aligned Certificate of Completion in H_2S Awareness and Emergency Response, verifying their competency in identifying, monitoring, and responding to hydrogen sulfide exposure in accordance with international HSE and emergency standards.

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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