



PROPOSAL PAPER

Technical Seminar 2025



DELIVERY MODE	SEMINAR
TOPIC	Occupational Safety and Health Management in the Construction Sector
DATE	15 th – 16 th January 2025
TIME	9.00am – 5.30pm
LOCATION	Mega Jati Academy Training Centre, Shah Alam
TRAINING MODE	Face-to-Face
CPD/CCD	CCD CIDB, CPD MBOT and CPD DOSH (Applied & Subject for Approval)

1.0 COURSE DESCRIPTION:

The construction industry is one of the most dynamic and challenging sectors, but it also carries significant risks to workers and projects if safety is not prioritized. This two-day course on **Occupational Safety and Health (OSH) Management in the Construction Sector** is specially designed to equip professionals with the tools, knowledge, and strategies to foster safer, more compliant, and efficient construction environments.

Participants will gain an in-depth understanding of Malaysia's Construction OSH Framework, including the Occupational Safety and Health Act 2022, which governs safety regulations in the industry. The course emphasizes practical skills, focusing on hazard identification, risk assessment, and the creation of effective action plans to prevent workplace incidents. Through a blend of interactive workshops, group discussions, and real-world case studies, attendees will explore essential topics such as safety leadership, the development of safety culture, and the use of innovative technologies like AI, IoT, and Big Data in enhancing safety management. A key highlight includes a hands-on session on identifying common construction hazards and a collaborative group presentation to design and share actionable OSH strategies for projects.

By the end of this course, participants will be well-equipped to integrate safety best practices into their construction projects, reduce workplace accidents, ensure regulatory compliance, and boost project efficiency. This program is ideal for safety officers, construction managers, engineers, and anyone committed to fostering safer workplaces in the construction industry.

2.0 LEARNING OBJECTIVES:

- **Understand Malaysia's Construction OSH Framework**
Comprehend the key principles, legal requirements, and guidelines under the Occupational Safety and Health Act 2022 and their application to construction projects.
- **Perform Hazard Identification and Risk Assessment (HIRA)**
Apply systematic methods to identify potential hazards and assess risks associated with construction activities to prevent accidents and ensure workplace safety.
- **Develop and Implement OSH Action Plans**
Design comprehensive safety action plans tailored to construction projects, ensuring effective control measures and compliance with regulatory standards.
- **Promote Safety Leadership and Culture**
Cultivate a proactive safety culture through strong leadership, effective communication, and employee engagement to minimize incidents on-site.
- **Utilize Advanced Safety Technology and Innovations**
Leverage emerging technologies such as **AI, IoT, and Big Data** to improve safety monitoring, hazard detection, and decision-making in construction safety management.

3.0 COURSE SCHEDULE:

15th January 2025 – Day 1

TIME	TOPIC
9.00 – 10.00am	Introduction to the Construction OSH Framework in Malaysia
10.00- 11.00am	Overview of the Occupational Safety and Health Act 2022
11.00 – 11.15pm	Tea Break
11.15 - 12.30pm	Hazard Identification and Risk Assessment in Construction
12.30 - 1.30pm	Lunch Break
1.30 -3.00pm	Incident Prevention: Safety Culture and Leadership
3.00-3.15pm	Tea Break
3.15-4.45pm	Workshop: Identifying Common Construction Hazards
4.45-5.30pm	Summary and Q&A

16th January 2025 – Day 2

TIME	TOPIC
9.00 – 11.00am	Construction Safety Technology and Innovation (AI, IoT, Big Data)
11.00 -11.15am	Break
11.15 - 1.00pm	Accident Prevention in Construction Projects
1.00 – 2.00pm	Lunch Break
2.00-3.30pm	OSH Action Plans for Construction Projects
3.30 – 5.00pm	Group Presentation: OSH Action Plans for Construction Projects
5.00 – 5.30pm	Closing Ceremony and Certificate Distribution

4.0 PROGRAM FEE

The published fees for this program are as follows:

NO	DETAIL	FEE
1	Occupational Safety and Health Management in the Construction Sector	RM 888/pax

The fee proposed is exclusive all for Mega Jati Academy's expenses **excluding** 8% service tax and this course is **HRD-Corp Claimable under SBL-KHAS Scheme.**

5.0 POSTER PROGRAM



CPD/CCD/CEP Awarded by:
*All CPD/CCD are applied. Subject for approval

Collaboration Partner:
www.construction.org.my

INVITED SPEAKER FROM DOSH

OCCUPATIONAL SAFETY AND HEALTH MANAGEMENT IN THE CONSTRUCTION SECTOR



Invited Speaker from DOSH:
Ir. Ts. Mohd Fairuz Mohd Rashid

📅 15-16 Jan 2025 📍 Shah Alam, Selangor 💰 RM 888/pax

This two-day course on Occupational Safety and Health Management in the Construction Sector is designed to equip professionals with the knowledge and skills needed to create safer workplaces. Participants will explore key topics such as hazard identification, risk assessment, regulatory compliance, and the implementation of practical control measures. By integrating real-world case studies and interactive sessions, the course provides valuable insights into reducing workplace accidents, ensuring regulatory adherence, and enhancing overall project efficiency.

Course Content

Day 1: 15th January 2025

- Introduction to the Construction OSH Framework in Malaysia
- Overview of the Occupational Safety and Health Act 2022
- Hazard Identification and Risk Assessment in Construction
- Incident Prevention: Safety Culture and Leadership
- Workshop: Identifying Common Construction Hazards

Day 2: 16th January 2025

- Construction Safety Technology and Innovation (AI, IoT, Big Data)
- Accident Prevention in Construction Projects
- OSH Action Plans for Construction Projects
- Group Presentation: OSH Action Plans for Construction Projects

100% HRDC Claimable Courses

Promotion price:
RM 888/pax

Normal Price:
RM 988/pax



Any inquiries please contact us at:
+6012 697 6429 (Ms. Aliya Azrina)

Please log on to our website to register:
www.megajatiacademy.com/technical-seminar

6.0 TRAINER PROFILE



Ir. Ts. MOHD FAIRUZ BIN MOHD RASHID

Since 2008, he has served as a **Factory & Machinery Inspector/Head Assistant Director (Grade J48)** at the **Department of Occupational Safety and Health (DOSH) Malaysia**, currently leading the Transportation and Petroleum Pipeline Section. His role as a gazetted DOSH Officer under Section 5 of the Occupational Safety and Health Act 1994 (OSHA 1994) involves enforcing occupational safety and health regulations across diverse industries, including oil and gas, refineries, construction, small and medium enterprises (SMEs), palm oil mills, and transportation sectors listed under the First Schedule of OSHA 1994.

He performs various inspections and audits, including factory and machinery installations, boilers, unfired pressure vessels (UPV), hoisting machinery certifications of fitness (CF), building and engineering construction sites, petroleum installations, gas pipelines, and other workplaces such as palm oil mills and SMEs. As part of accident investigation responsibilities, he investigates occupational incidents, prepares investigation papers (IP) for submission to the Deputy Public Prosecutor, and handles legal actions such as issuing prohibition notices, compounding offenses, and representing the department in court as a Public Prosecutor under OSHA 1994 and the Factories and Machinery Act (FMA) 1967.

Additionally, he analyses and reviews occupational safety and health documentation submitted by competent persons, including Chemical Health Risk Assessments (CHRA), CIMAH reports, and steam engineer reports. His responsibilities also extend to conducting promotional and public awareness programs through press conferences, talks, briefings, seminars, exhibitions, and roadshows to educate employers, workers, and the public on occupational safety and health.

Awards and Achievements

1. Members Board of Engineers Malaysia
2. DOSH Sabah & Labuan Excellent Employee Award
3. Excellent Service Award Ministry Human Resource
4. MBOT Interview Panel
5. Board of Engineer Committee Members
6. Vice Chairman Institution of Engineers Malaysia (IEM) Melaka

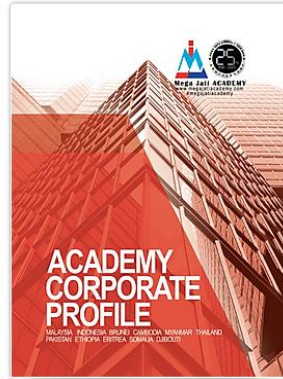
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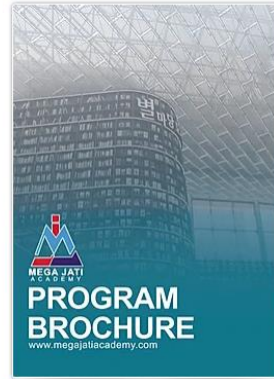
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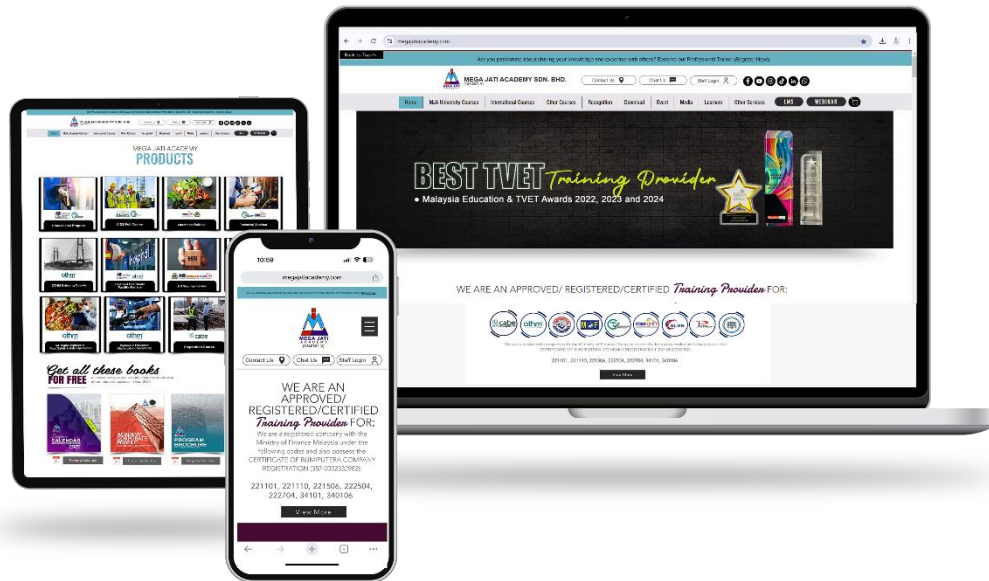
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