



Safety & Health Conference

**Revolutionising Workplace
Protection**

DATE:

9-10 February
2026

VENUE:

E&O
Hotel, Penang



Introduction

Join us at the Safety & Health Conference themed 'Revolutionising Workplace Protection.' As we navigate the complexities of the AI era, our mission is to transcend basic OSHA compliance and prepare for the dynamic future of occupational safety. This gathering serves as a vital platform for high-level dialogue between DOSH, regulatory authorities, and industry practitioners. Together, we will address emerging challenges, benchmark global best practices, and update on critical legislation.

Objectives

- To discuss the current issues and concerns and challenges in the industries as well as potential future concerns in the field of safety and health especially in the AI era and beyond
- To ensure that the current safety and health practices are beyond OSHA
- Platform for interaction with DOSH, relevant authorities and Safety & Health practitioners
- Insights from successful OSH practices on the preventive culture
- To benchmark & adopt the best safe and healthy work culture & tools in the industry
- To update the industry on OSHA legislations and regulations

Agenda

9 February 2026

- 9:00 AM** **OSH Status and Direction (Halatuju JKKP Negara)**
by Puan Nadia Farhana Binti Radzi, by DOSH
- 9:50 AM** **Welcome remark**
by Mr Kevin Cheong , Chairman
ESH Sub-Committee -FMM Penang Branch
- 10:00 AM** **Keynote Address**
by Encik Hairozie bin Asri
Pengarah DOSH Penang
- 10:15 AM** **Morning Break & Networking**
- 10:45 AM** **Breaking the Cycle of Traditional Safety: Using ISO 45001 & ISO 45004 to Build a Data-Driven Protection System**
by Encik Mapis Jais, Consultant/ Auditor
- 11:45 AM** **Revolutionising Health Risk Management Through Digital Transformation: The PETRONAS Experience**
by Dr Zulkifli Mohamad Yunus, General Manager Custodian),
Occupational Health
Group Health, Safety and Environment (GHSE), PETRONAS
- 12:35AM** **EHS in Facility Management: A synergy of strategic enabler**
by Encik Muhammad Azmin Azizan
Head of Department of Facilities Management , Robert Bosch
Semiconductor Manufacturing Penang Sdn Bhd
- 1:15 PM** **Lunch Break & Networking**
- 2:30 PM** **Guidelines on Management of Occupational Noise -Related Hearing Disorders -What Safety Officer Should Know**
by Dr Afra Naziha Mohamad Muzammil , Head of
Occupational Health Services,Twin Tower Medical Centre
- 3:15 PM** **Translating Psychosocial Risk Into Action-The PRisMA approach**
by Associate Prof Dr Irniza Rasdi, Head -Occupational Health
Unit, UPM
Commmittee Member of National Guidelines on PRisMA
- 4:15 PM** **Best Practice:VR-based Safety Training In The Workplace**
by Dr Tan LiJen
Group EHS Manager-Ibiden Electronics Malaysia Sdn Bhd
- 5.00 PM** **Afternoon break & end of program**

Agenda

10 February 2026

- 9:00 AM** **Effective Noise Control in Manufacturing**
by Dr Nor Azali Azmir,
Consultant/Senior Lecturer UTHM
- 9:50 AM** **Morning Break & Networking**
- 10:20 AM** **Accident Investigation and Lesson Learnt**
by Mudzaffar Bin Anwar Hussin
DOSH Penang
- 11:05 AM** **Preparation of Classification Record under CLASS Regulations 2013 using CATCH (Classification Tool for Chemical Mixture)**
by Prof ChM. Dr Goh Choo Ta
Director ,Institute for Environment and Development (LESTARI) UKM/ Founder of CATCH
- 12:15 PM** **Sustainable Chemical Management through Digitalisation**
by Zulfikar Said,
Professional Industrial Hygienist,Petronas
- 1:00 PM** **Lunch Break & Networking**
- 2:15 PM** **Strengthen OSH Through Technology:-OSHMP Strategy & Achievement**
by Ir. Ts. Dr. Wesley Anak Lock Sulen ,DOSH
- 3:00 PM** **Expanding OSH Systems: Integrating Ergonomics for Remote, Shift-Based, Contractual and Platform Workers**
by Prof Dr Shamsul Bahri
President of Human Factor Ergonomics Society Malaysia
- 3:50 PM** **Overview on Sitting and Standing at Work Guideline 2024**
by Associate Prof Dr Ng Yee Guan
Human Factor Ergonomics Society Malaysia
- 5.00PM** **Afternoon break & end of program**

COMPLIMENTARY PROGRAM

5 CEP Points



FMM



Managing chemical with 'cradle to grave' principles

Zoom Online| 5 February 2026

What You will Learn:-

- Concept of 'Cradle to Grave' to chemical management
- Making decision on hierarchy of control
- Decision of chemical selection
- Chemical classification and hazard identification
- Decision of supplier selection
- Duty of supplier based on CLASS Regulations 2013
- Chemical information: labelling and SDS
- Ordering and Receiving chemicals at workplace
- External and internal chemical transportation
- Chemical storage arrangement
- Chemical handling practices and procedures
- Hierarchy of control for chemical safety
- Chemical waste control, documentation, record keeping

Trainer:Marini Ghafar-Chemical Safety Consultant

Speakers



Mapis Md Jais

Mapis Md. Jais stands as a beacon of expertise and dedication in the realm of Occupational Health and Safety Management System (OHSMS) and Environmental Management System (EMS). Appointed by Standard Malaysia in 2009, he boasts an illustrious career spanning over 27 years across diverse industries, including electrical electronics, semiconductors, and car multimedia.

His academic achievements is highlighted by a Master's in Sciences specializing in Occupational Safety and Management System from UUM, coupled with a Bachelor's Degree in Applied Sciences with Honors from USM. Mapis has demonstrated his proficiency not just through academic accomplishments, but through hands-on experience and an outstanding record as an auditor for OHSMS and EMS, having audited over 120 organizations for Accredited Certification Bodies. Embarking his journey as a Manufacturing Executive in Semiconductor Manufacturing, Mapis's trajectory witnessed significant roles such as EHS Engineer, Senior EHS, and EHS & Security Manager. His tenure culminated as the EHS Division Head, where his responsibilities spanned work safety and environmental protection across multiple international locations like Germany, Portugal, China, and Malaysia.

This global exposure fortified his understanding of aligning organizational management, departmental KPIs, and EHS performance on a global scale. A visionary and innovator, Mapis has been a catalyst in introducing and disseminating cutting-edge tools for managing OHS&E Management Systems. As an invited speaker, trainer, and consultant, he has shared invaluable insights on ground breaking concepts such as the 'Lifecycle Perspective,' 'Structured Documented Information,' 'KPI and Business Strategic Planning Alignment,' and 'Paperless Inspection & Audit' for various multinational organizations, government bodies and universities.

Speakers



Dr Nor Azali
Azmir

Dr Nor Azali Azmir is a senior lecturer at the Faculty of Mechanical & Manufacturing Engineering, Universiti Tun Hussein Onn Malaysia (UTHM). He graduated from Universiti Teknologi Malaysia with a B. Eng in Mechanical Engineering (2009), Universiti Kebangsaan Malaysia with an M. Eng in Mechanical Engineering (2012) and Universiti Tun Hussein Onn Malaysia with a PhD in Mechanical & Manufacturing Engineering (2016). Currently, he is a registered noise risk assessor & industrial hygiene technician II with the Department of Occupational Safety & Health (DOSH) Malaysia. Actively doing consultation work related to monitoring noise exposure and examination of engineering control equipment for many types of industry, such as oil & gas, palm oil, automotives, small medium enterprise, etc. He is also one of the noise risk assessor course trainers for NIOSH Malaysia.

Other qualification is as below:

- Graduate member of the Institution of Engineer Malaysia (IEM) (Reg. No.: 39141).
- Associate Member of the Malaysian Industrial Hygiene Association (MIHA) (#A0545-15) & member of the Malaysian Society for Occupational Safety & Health (MSOSH) (I-2358).
- Train the Trainer competency awarded by NIOSH and HRDF Malaysia.
- Proficient with various health & safety integrated with mechanical engineering, vibration and noise response to humans, and inspection, examination & testing of engineering control equipment.
- Mobius Institute Certified Vibration Analyst ISO Category I (M-127198-01)
- Other training programs that interest him as a trainer are the Hearing Conservation Program, OSH Management / HIRARC, Vibration & Noise Control & Inspection, Examination and Testing of Engineering Control.

Speakers



Prof Dr Shamsul Bahri

Professor Dr. Shamsul Bahri is Industrial Hygiene/Occupational Ergonomic lecturer in Environmental & Occupational Health, UPM. He had supervised a total of 62 undergraduate students and 18 postgraduate students with 6 PhD students and had completed many research projects sponsored by The Ministry of Science and Innovation and Ministry of Higher Education with the total grant of RM1.7 million. This includes research in industrial ergonomics including intervention of ergonomics injuries among commercial vehicle drivers, improvement of school ergonomics and ergonomics intervention in agriculture especially related to oil palm industries. He is currently one of the consultant for various project with DOSH with total grant of RM2.1 million. Under UPM, he owns industrial patent for Ergonomic bus seat design, ergonomics furniture for school and currently tool for harvesting free fruit bunch. He was among recipient of awards both National and International award especially related to ergonomics improvement among bus drivers. Besides publishing peer reviewed publications, he had consulted DOSH and various industries in occupational safety and health issues including noise exposure, audiometry, indoor air quality, epidemiological study on musculoskeletal disorders and developing the Malaysian Occupational Safety and Health Profile in 2008. He is currently the president of Human Factors and Ergonomics Society of Malaysia, an exco member of South East Asia Network of Ergonomics Societies (SEANES). Member of International Ergonomics Association (IEA), Member of Asian Council of Ergonomics Design (ACED). MQA panelist on OSH curriculum for various private and government Universities. He is also the national committee on developing Ergonomics risk assessment guideline for DOSH and technical member in developing guideline for manual handling with NIOSH.

Speakers



Associate Prof Dr Irniza Rasdi

Associate Prof. Dr. Irniza Rasdi has a strong education background in occupational safety and health (OSH) by obtaining BSc Environment & Occupational Health (UPM), MMedSc Public Health (Occupational Health) (UM), and PhD Health Sciences (Occupational Health Psychology & Behaviour)(La Trobe Uni, Australia). She is an active academician in Universiti Putra Malaysia (UPM) since 2005. Her field of expertise is OSH and her niche area is psychology and behaviour. Besides being an academician, she is also holding management posts as the Head of Occupational Health Unit in UPM, Vice President of OSH Management Committee in Faculty Of Medicine and Health Sciences. She is also active in NGOs including Management Committee of Malaysian Association of Occupational Safety and Health (MSOSH) since 2020, and a Secretary of the Environmental and Occupational Health Society (EOHS). She has vast research experience in OSH including psychology & behaviour, safety culture, industrial hygiene, musculoskeletal disorders (MSDs), computer visual syndromes (CVS) and many more. To date, she has conducted more than 50 OSH related research involving private collaboration with companies and government institutions and agencies locally and internationally. She authored more than 100 OSH related publications including scientific journals, books, book chapters and conference proceedings, an Editorial Board Member, and reviewers for local and international journals. She also contributes to government institutions and industries as an expert panel, and consultant.

Among her best achievements in safety culture is the development of a police specified online learning portal that has been proven scientifically to increase psychosocial safety climate among police officers in the Royal Malaysian Police. Also, she has successfully upgraded safety and health behaviour among pineapple plantation farmers in Johor by introducing Kiken Yoki Behavioral Training among them. Now she is actively doing research on safety culture among immigration workers and construction workers in Selangor. She also contributes a lot for the development of the latest National Guidelines on Psychosocial Hazard.

Speakers



Dr. Tan Lijen

Education:

- Postgraduate in Doctor of Business Administration – Wilmington Metropolitan University
- Master Degree in Business Administration (majoring in Human Resource) - OUM
- Bachelor Degree in Science (majoring in Environmental Science & Management) – UM

Credential / Competency:

- Competent Safety & Health Officer (HQ/11/SHO/00/5628)
- IRCA Certified ISO14001:2015 Lead Auditor
- IRCA Certified ISO45001:2018 Lead Auditor
- Certified Train-The-Trainer – HRD Corp. (TTT/11125)
- SHRM-Certified Professional (112145)
- Project Management
- Ergonomic Trained Person (Initial Ergonomics Risk Assessment) - DOSH
- Ergonomic Trained Person (Advanced Ergonomics Risk Assessment) - DOSH
- Certified Corporate Sustainability Professional (On-going)

Professional Experiences:

- EHS Group Manager - Ividen Electronics Malaysia Sdn Bhd (Nov 2019 – Present)
- EHS Lead – Mondelez Malaysia Sdn Bhd (Sep 2018 – Oct 2019)
- Panasonic Energy Malaysia Sdn Bhd – HRGA Manager (May 2013 – Sep 2018)
- HR Senior Executive – Oryx Advanced Material Sdn Bhd (Apr 2021 – May 2013)
- Safety & Health Officer – ISO Technology Sdn Bhd (Mar 2010 – Apr 2011)
- CPI (Pg) Sdn Bhd – QA Engineer (Jun 2008 – Feb 2010)
- QAQC Executive – Wabina Construction & Engineering Sdn Bhd (Oct 2007 – May 2008)

Speakers



Associate Prof Dr Ng
Yee Guan

Associate Prof Dr Ng Yee Guan is currently the Associate Professor from Universiti Putra Malaysia. He has completed and obtained his PhD in Occupational Health and Safety on February 2015. He currently teaches Industrial Hygiene as a core subject for the Bachelor of Science in Environmental and Occupational Health at UPM. He is also the Postgraduate Coordinator for the Faculty of Medicine and Health Sciences, UPM.

He is actively involved in non-profit professional organization such as Human Factors and Ergonomics Malaysia and Malaysian Industrial Hygiene Association (MIHA). His current research work and consultation focus primarily on Occupational Safety and Health, Industrial Hygiene (such as chemical exposure monitoring, indoor air quality, noise, vibration, etc), Ergonomics (specifically physical ergonomics and participatory ergonomics which includes specifically hands-arm vibration study, office ergonomics, lighting, ergonomics assessment method, Participatory Action-Oriented Training, etc. He also has strong foundation and passion for Industrial or Occupational Hygiene. Much of his work were as consultant in the field of physical and office ergonomics, noise exposure, indoor air quality, chemical exposure assessment and monitoring, etc. He looks forward to be involved intensively on research related to exposure assessment in terms of methods and effects.

Speakers



Dr Zulkifli Mohamad Yunus

Dr Zulkifli Mohamad Yunus is a General Manager (Custodian), Occupational Health Group Health, Safety and Environment (GHSE) from PETRONAS

Qualification:

1. Medical Degree (MBBS) from University of Malaya, Malaysia.
2. Master of Community Health Science (Occupational Health), The National University of Malaysia.
3. Postgraduate Diploma in Positive Psychology and Leadership, The School of Positive Psychology, Singapore.

Career Journey:

Had a total 28 years of experience working in medical & occupational health field, work experience ranging from various Government and Private Hospital setting prior to starting his career as Health Advisor in PETRONAS in 2006, focusing on worker's occupational health and wellbeing. Previously heading Occupational Health Unit at two PETRONAS Plant facilities prior to his current post as GM, Group Health Safety & Environment at PETRONAS Twin Towers, KL.

Among his achievement.

1. Lead the Digital Transformation of PETRONAS Health Assessment & Surveillance process via establishment of e-Health system, an end-to-end system that bridge multiple stakeholders namely employee, HR, HSE, Health Advisor & Medical Examiner leveraging paperless digital platform.
2. Drive the establishment and branding of PETRONAS Health and Wellness Program – MESTIfit4health.

Speakers



Dr Afra Naziha
Mohamad Muzammil

Dr. Afra brings over 15 years of combined experience in occupational safety and health and clinical practice. She currently serves as the Head of Occupational Health Services at Twin Towers Medical Centre KLCC, where she leads strategic business planning and operations across the Occupational Health, Industrial Hygiene, Training, and Mobile Services units.

Previously, she served for a decade as the Head of the Occupational Health Section at the Department of Occupational Safety and Health (DOSH) Penang, playing a key role in shaping and promoting workplace health and safety in Malaysia.

Dr. Afra holds a Master of Science in Public Health (MSPH) from the International Medical University, a Master of Business Administration (MBA) from Perdana University, and a Licentiate in Occupational Medicine (LFOM) from the Royal College of Physicians of Ireland. She earned her medical degree from Melaka-Manipal Medical College in 2009, grounding her expertise in a strong foundation of clinical and occupational medicine.



Muhammad Azmin
Azizan

Azmin is currently the Head of Department of Facilities Management Department, Robert Bosch Semiconductor Manufacturing Penang Sdn Bhd since 2021. Graduated in Bachelor of Engineering (Mechanical) from Malaysia Multimedia University (MMU). He started his career as Facilities Mechanical Engineer in Facilities Management Department in Robert Bosch (M) Sdn Bhd in 2012. Being Mechanical System Owner, responsible for maintenance, capacity planning, upgrading and project of system. Implemented Chiller Optimization Project with RM 1.2 M annual saving. Pioneer team member for new Robert Bosch Semiconductor Manufacturing plant design, construction, setup, commission and operation. The new plant has been awarded Platinum Certificate from German Sustainable Energy Council, 1st in Asia; 2nd Place for Energy Efficient Design Building, National Energy Award (NEA) 2025

Speakers



Prof ChM. Dr Goh
Choo Ta

Professor Goh Choo Ta is the Director at Institute for Environment and Development (LESTARI), Universiti Kebangsaan Malaysia (UKM), fellow of Academy of Sciences Malaysia (ASM) and fellow of Malaysian Institute of Chemistry (IKM). He has more than 19 years of experiences in the field of chemical governance and chemical safety. Prof. Goh has been appointed by Ministry of Natural Resources and Environmental Sustainability Malaysia (NRES) as the Head of Advisory Panel for the National Chemicals Governance Committee; appointed by Ministry of Health (MOH) as Environmental Health Expert in the field of chemical governance and chemical safety; appointed by Department of Occupational Safety and Health (DOSH) as Member (Professional) in the Technical Committee of CLASS Regulations 2013; and appointed by National Authority for Chemical Weapon Convention as member of the National Scientific Advisory Board. Also, Prof. Goh was invited by Ministry of Investment, Trade and Industry (MITI) to serve as National Expert at the Workshop on ASEAN-Japan Chemical Safety Database (AJCSD). Besides, Prof Goh was the founder for Classification Tool for Chemical Mixture (CATCH) that jointly established by MITI-UKM. Prof. Goh is currently the Advisory Editorial Board member for ACS Chemical Health and Safety, and the Editorial Board member for the journal International Chemical Regulatory and Law Review.



Zulfikar Said

Zulfikar Said is a seasoned Professional Industrial Hygienist with over 20 years of experience in the industry. Currently serving as a Technical Professional (Principal) at Group HSE, PETRONAS, Zulfikar specializes in chemical management, ventilation and hearing conservation. He plays a pivotal role in developing and governing Industrial Hygiene technical standards across the PETRONAS group, and is instrumental in driving the company's Industrial Hygiene digitalization agenda.

Zulfikar holds a Master of Science in Occupational Hygiene from the University of Aberdeen, Scotland, and a Bachelor of Science in Chemical Engineering from the University of Calgary, Canada. He is a Certified Professional Industrial Hygienist (CPIH) by the Malaysian Industrial Hygiene Association (MIHA)

Speakers



Marini Ghafar

Marini is an accomplished consultant, having amassed 20 years of management and consulting experience in the areas of chemicals and workplace safety environments mainly the CHRA (Chemical Health Risk Assessment) requirements. Graduated in chemistry from University of Malaya and obtained Masters Degree in Occupational Safety & Health Risk Management, she has become a trainer, facilitator and consultant in the areas of Occupational Safety, Health and Environment, specializing in hazardous materials management in many leading MNC and GLC organizations, namely TNB, FELDA etc. She has been a competent Safety and Health Officer (SHO) since 2001 and CHRA Assessor, since 2008.

She regularly speaks in public seminars on safety and health issues including seminars conducted by government agencies such as DOSH, DOE and NGOs. She is one of the associate trainers for NIOSH and Consist College for competency courses of Safety & Health Officer and CHRA Assessor. She is also a part time lecturer and course advisor in KLIA College and Consist College for OSH Diploma courses.

In her capacity as a consultant, Marini brings her technical competencies, merges them with her vast experience in dealing with various industries and government agencies requirements to ensure the training sessions are highly interactive as she believes that, with proper guidance, all safety practitioners can achieve being high performance people for long term career achievement.



REGISTRATION FORM



SAFETY & HEALTH CONFERENCE-REVOLUTIONISING WORKPLACE PROTECTION

Venue: E&O Hotel, Penang

Date: February 9-10, 2026

For further details kindly contact Nazliza/Norrati @ 0164829045/ 04-3992057

Kindly send the registration form to nazliza@fmm.org.my

HRD CORP CLAIMABLE COURSE DETAILS

Training Provider : 475427W_PENANG
HRD Corp Programme No: 10001629297

For HRD Corp Claim purpose kindly select trainer name-Mapis Bin Md. Jais and/or Shamsul Bahri Mohd Tamrin

Kindly fill up the Grant Approval ID:
Grant Approval ID: _____

Please tick accordingly:

- Fees: FMM Member : RM1404 per pax
 Non Member : RM 1512 per pax
 (Fees is inclusive of 8% SST)

Employers HRDC Grant Approval MUST be forwarded to FMM Institute at least 3 days before the Event date.

Name:	Designation:	
Email:	HP:	IC:

Will attend webinar on Managing chemical with 'cradle to grave' principles on 5th February 2026

Name:	Designation:	
Email:	HP:	IC:

Will attend webinar on Managing chemical with 'cradle to grave' principles on 5th February 2026

Attach saperate list if not sufficient

Need vegetarian food for ___pax

We hereby confirmed that (please tick accordingly):

We will be claiming under SBL-KHAS Scheme. Full payment would made to FMM Institute in the event that no disbursement from HRD Corp under any circumstances.

We will NOT BE CLAIMING from HRD Corp. Payment will be made to FMM Institute

Submitted by:

Name:	Designation:	H/P No:
Email:	Tel:	Member Number:
Company:		
Address:		

Terms and Conditions

- Registration is on a first-come first-served basis.
- All cancellations must be made in writing.
- If the participant fails to attend the programme or less than 75% attendance, the full training fees are payable. However, replacement can be accepted at no additional cost.
- The FMM Institute reserves the right to change the speaker, reschedule or cancel the programmes and all efforts will be taken to inform participants of the changes.