



KPB/15/2026
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SEMINAR ON MANAGING CHEMICAL, PHYSICAL & BIOLOGICAL HAZARDS *IN THE WORKPLACE*

**10 SEPTEMBER 2026
(THURSDAY)**

@ BERTAM RESORT, PENANG



REGISTER NOW!

INQUIRY:

FMM Kedah/Perlis:

04-4403628

fmmkedahperlis@fmm.org.my

FMM Penang:

04-3992057

fmmpenang@fmm.org.my

COLLABORATION PARTNERS:



Partially funded
by SOCSO



DOSH 5 CEP Points



SEMINAR ON MANAGING CHEMICAL, PHYSICAL & BIOLOGICAL HAZARDS IN THE WORKPLACE

10 September 2026 @ Bertam Resort, Penang

OVERVIEW

This full-day seminar is designed to equip safety and health professionals, supervisors, and industry personnel with practical knowledge and skills in industrial hygiene. The focus is on identifying, evaluating, and controlling chemical, physical, and biological hazards commonly found in industrial settings. Through interactive sessions, case studies, and expert-led discussions, participants will gain a deeper understanding of workplace exposure risks and learn how to implement effective control measures to protect worker health and ensure regulatory compliance.

OBJECTIVES

By the end of the seminar, participants will be able to:

1. Understand the principles and scope of industrial hygiene
2. Identify common chemical, physical, and biological hazards in the workplace
3. Evaluate exposure risks using qualitative and quantitative methods
4. Apply appropriate control strategies based on the hierarchy of controls
5. Interpret relevant regulations and standards related to industrial hygiene
6. Develop workplace hygiene programs and monitoring plans
7. Communicate risks and control measures effectively to workers
8. Respond to hygiene-related incidents and implement corrective actions

AGENDA:

09:00 – 10:30 | Module 1: Introduction to Industrial Hygiene

- Definition and scope
- Role of industrial hygiene in occupational safety
- Legal framework and standards (DOSH, OSHA, etc.)

10:30-10:45 | Morning Break

10:30 – 11:30 | Module 2: Chemical Hazards

- Types of chemical agents (gases, vapors, dusts, fumes)
- Routes of exposure and health effects
- Hazard communication and labeling (GHS)
- Control measures: ventilation, PPE, substitution

11:30 – 13:00 | Module 3: Physical Hazards

- Noise, vibration, radiation, heat stress
- Measurement techniques and exposure limits
- Engineering controls and administrative strategies

13:00-14:00 | Lunch Break

14:00- 15:15 | Module 4: Biological Hazards

- Bacteria, viruses, fungi, and allergens
- Workplace sources and transmission routes
- Prevention and control strategies (hygiene practices, vaccination, isolation)

15:15 – 15:45 | Module 5: Exposure Assessment & Monitoring

- Qualitative vs. quantitative assessment
- Sampling methods and equipment
- Interpreting results and setting action levels

15:45 – 16:00 | Afternoon Break

16:00 – 17:00 | Module 6: Industrial Hygiene Program Implementation

- Developing workplace hygiene plans
- Training and communication strategies
- Incident response and corrective actions

Case studies and group discussion

17:00 End of Programme

TARGET GROUP

1. *Safety and Health Officers (SHOs)*
2. *OSH Coordinators and Committee Members*
3. *Industrial Engineers and Supervisors*
4. *HR and Compliance Managers*
5. *Factory Managers and EHS Personnel*
6. *Anyone responsible for workplace safety and hygiene*

SEMINAR ON MANAGING CHEMICAL, PHYSICAL & BIOLOGICAL HAZARDS IN THE WORKPLACE

10 September 2026

@ Bertam Resort, Kepala Batas, Penang

CLOSING DATE:
AUG 21, 2026

MYCOID: 007907X_KEDAH / SBL Khas Programme Number: Will be provided upon confirmation

PARTICIPANT(S) DETAILS

Full Name: _____
Designation: _____ IC Number: _____
Email address: _____

Full Name: _____
Designation: _____ IC Number: _____
Email address: _____

SUBMITTED BY

Name: _____
Designation: _____
Email address: _____
Company Name: _____
Company Address: _____
Tel No: _____ FMM membership #: _____

We hereby confirm that:

- ☐ We will be claiming under SBL-Khas Scheme and full payment would be made to Federation of Malaysian Manufacturing in the event that no disbursement from HRDF under any circumstances. The HRD Corp Grant Ref #: _____
- ☐ We will NOT be claiming under SBL-Khas Scheme. Please provide invoice.
- ☐ Vegetarian food for _____ pax.

SBL KHAS SCHEME

This programme is claimable under SBL-KHAS. FMM will claim the coursefee directly from the employer's account with HRD Corp. However, approval from HRD Corp is required prior to commencement of programme by submission via eTris under Skim Bantuan Latihan (SBL-KHAS). The company has to make the FULL PAYMENT to FMM in the event that no disbursement from HRD Corp (SBL-KHAS scheme) under any circumstances

DISCLAIMER

- FMM reserves the right to cancel or reschedule the programme.
- All efforts will be taken to inform registered participants of any changes.
- Attendance is by prior registration only.

ADMINISTRATIVE DETAILS

Date : **September 10, 2026**
Time : **9.00 am – 5.00 pm**
Venue : **Bertam Resort, Kepala Batas, Penang**
Fee : **FMM/GS1 Members RM648.00 per pax (incl SST)**
: **Non-Members RM 756.00 per pax (incl SST)**

REGISTRATION

- Upon Email the completed Registration Form to FMM Kedah/Perlis, you are deemed to have read and accepted the terms and conditions. The course would also be deemed as confirmed unless informed otherwise.
- Will be based on First-Come-First-Served basis.

PAYMENT & OTHER TERMS

- For Non HRDC claimable, Payment by bank transfer to **Maybank a/c no: 552107614029** (please email payment slip for receipt)
- For SBL Khas Scheme, an Attendance of 100% is a MUST; in any case, employers will be billed in full.
- SBL-Khas Scheme grant approval must be forwarded to FMM KP Branch at least 3 days before the programme date.

CANCELLATION & REFUND

- Cancellation must be made in writing
- No charges for cancellation of 7 days prior to the programme
- 50% refund for cancellation between 3-6 days
- Registered participants who do not turn up will be charged accordingly
- No additional cost for replacement