



# MASTERING HIRARC ASSESSMENT WITH NEW FORMAT & ISO45001:2018 REQUIREMENT

① February 11-12, 2026 (Wednesday-Thursday)  
🕒 8.45am – 5.00pm FMM Institute, Perak

This holistic program covers from Behaviour, Holistic Safety and Pro-active accident and incident prevention with improved HIRARC Form per JKKP requirement, Section 18B OSHA Amendment 2022.

## COURSE CONTENTS

### Module 1 - Introduction - Theory of Safety

- General Safety, Behavioural and its effects to Safety

**Participants to bring own laptop.**

### Module 2 - Job Safety Analysis

- Activities / Hazards / Control Measures

### Module 3 - Introduction to New HIRARC form & Hazard Identification

- New HIRARC Form
- Hazard Category

### Module 4 - Hazard Identification

- Practically Identifying Hazard from a work activity.

### Module 5 - Risk Assessment

- Enhanced Likelihood category; and
- Severity Score Card

### Module 6 - Risk Control

- Hierarchy of control ISO45001:2018 Requirement
- Evaluating & challenging the control Measure.

### Module 7 - HIRARC Review & Improvement

### Module 8 - Risk Assessment Exercise 1 Sample

### Module 9 - Risk Assessment Exercise 8 Organisation's Selected Area and Reporting

## OBJECTIVES

Hazard/Risk Control is mandatory requirement of the Malaysian Legal. This program's objective is to meet the legal requirement and prevent risks from hazards present in the organization's work activities from harming the organization's workers based on the principle of care and self-regulation.

## LEARNING OUTCOMES

After attending this program, participants will be able to:

- describe Accident, Hazards and Risks;
- describe the methodology of identifying the Hazards in the work place;
- describe the Risk Assessment methodology;
- describe the hierarchy of control measures;
- describe the implementing techniques of the HIRARC; and
- describe reassessment.

## WHO SHOULD ATTEND

Safety Officers / Managers / Supervisors / EHS Committee / HIRARC Team.

## TRAINING METHODOLOGY

Class Room / Notes / Video / Practical Exercise

Enquiries – please contact  
Ms Vaani / Pn Eda / Ms Harvindar  
📞 (05) 548 8660 📲 (05) 548 8221  
✉️ [fmm\\_institute\\_perak@fmm.org.my](mailto:fmm_institute_perak@fmm.org.my)

**TRAINER**

**MR. R.ANBALAGAN A/L V.RAMASAMY** holds a Bachelor of Science in Electrical and Electronics Engineering from Southern Pacific University, Certificate in Factory Management from Sanno Institute of Management, Japan. He is a Competent Occupational SH Officer registered with DOSH and an Ergonomic Trained Person. He is also a Certified Lead Assessor in ISO14001 and ISO 45001 and an OHSAS18001:2007 Lead Auditor. He has 32 years of working experience in areas such as Maintenance, Production, Human Resource, Training, EHS and Facilities and his last position was at the Managerial level. His career success includes setting up and facilitating of Small Group Work Teams, Leading TPM Teams, Cost saving projects, Leading Preventive and Predictive Maintenance Teams in setting up Preventive and Predictive Maintenance System, assisted in ISO9001; TS16949; ISO14001; OHSAS18001 certification and recertification.

**MR. ANBALAGAN**, a certified trainer registered with PSMB has conducted numerous OSH Public and In-House courses since 2005 in areas such as Chemical Safety, Forklift and Reach Truck Competency, Emergency Response, Fire Fighting, Ergonomics Risk Assessment, SH Committee, Safety Inspection, Electrical Safety, EMS, Schedule Waste, ISO 14001 and ISO 45001. In the past, he has conducted courses for organizations such as CS Opto, Mineba Electrical, Jabil, Dorsett Regency Hotel, Southern Steel, Swiss Profile, Robert Bosch, United Sweetheart, Maestro Swiss, Oriental Summit, Agilent, Berjaya Hotel, Amphenol TCS, Hume Cement, Shangri-La Group, Muda Paper Mill, GS Paper & Packaging, Sony Electronics and many others. In addition, his Training expertise includes Environmental, OSH Legislations, HIRARC, Machine Safety, PPE, Warehouse Safety, Accident Investigation and OHSAS 18001.

**COURSE DETAILS**

Date **February 11-12, 2026 (Wednesday-Thursday)**  
 Time **8.45am - 5.00pm**  
 Venue **FMM Institute Perak**  
**No 1, Lorong Raja DiHilir, 30350 Ipoh, Perak**  
 Medium of Instruction **English**  
 CPD **14 hours**  
 Fees  **Members RM1,134.00/pax**  
 **Non-Members RM1,296.00/pax**  
*(Fees inclusive of Service Tax at 8%, Course Materials, Refreshment, Lunch and Certificate of Attendance)*

**ADMINISTRATIVE DETAILS****HRD CORP CLAIMABLE COURSE DETAILS**

- Training Provider: FMM Institute Perak ■ MyCoID : 475427W\_PERAK
- HRD Corp Programme No: Provided upon confirmation

**DISCLAIMER**

The FMM Institute reserves the right to change the facilitator, date and to vary / cancel the course should unavoidable circumstances arise. All efforts will be taken to inform participants of the changes.

**REGISTRATION**

- Upon Faxing/Mailing the completed **Registration Form** to FMM Institute, 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**

- Cheques made in favour of "FMM Institute" should be forwarded to FMM Institute Perak.
- For HRD Corp Claimable Course, an **Attendance of 100% is a must**, in any case, **employers will be billed in full**.
- FMM Institute SST Registration No. **W10-1901-32000105**
- FMM Institute TIN No. **C10626805080**

**CANCELLATION**

Must be in Writing with Reasons ■ 7 days before the course – No payment charged ■ 3 – 6 days before the course - 50% payment charged ■ < 3 days before the course – Full payment charged ■ Participants who did not turn-up will be charged full payment ■ Replacements can be accepted at no additional cost

**Closing Date: FEBRUARY 4, 2026**

**~ Registration Form ~**

## **MASTERING HIRARC ASSESSMENT WITH NEW FORMAT & ISO45001:2018 REQUIREMENT**

FMM Institute

No 1, Lorong Raja DiHilir, 30350 Ipoh, Perak

Fax: 05-5488221

Dear Sir / Madam, please register the following participant(s) for the above programme.

1.	Name		Designation	
	NRIC		HP No	
2.	Name		Email	
	NRIC		Designation	
3.	Name		HP No	
	NRIC		Email	

*(Please attach a separate list if space is insufficient)*

We hereby confirmed that (Please tick (✓) in appropriate box):-

- We will be claiming from HRD Corp and full payment would be made to FMM Institute in the event that no disbursement from HRD Corp under any circumstances
- We will NOT BE CLAIMING from HRD Corp. Enclosed cheque/bank draft No \_\_\_\_\_ for RM \_\_\_\_\_ being payment for \_\_\_\_\_ participant(s) made in favour of the "FMM Institute".

Submitted by:

Name:	Designation:	
Company:	Tel:	Fax:
Address:		
Email:	FMM Membership No	