HAZARD IDENTIFICATION, RISK ASSESSMENT AND RISK CONTROL (HIRARC)

6-7 MAY 2026 | 9.00AM - 5.00PM | MEF ACADEMY CENTER, PJ

Course Overview

Hazard Identification, Risk Assessment, and Risk Control - HIRARC is a systematic process of identifying workplace hazards, evaluating the degree of risk and prioritize the significant control measure of the analysed hazard. It is fundamental and widely use by safety and health professionals in conducting risk assessment for physical hazards. The evaluation technique employed in the HIRARC process will enable companies to identify the sound control measure based on the hierarchy of control. It will also assist company to comply with the duty to conduct and implement risk assessment requirements under section 18B of the OSH Act 1994, reduce workplace incidents and promote a safety and healthier workplace.

Who Should Attend

Safety and Health Committee members; OSH Coordinator at the workplace; and Human Resources Specialist.

Objectives

Upon completion, the participants will be able to:

- Identify physical hazards at work.
- Analyze and estimate risk of the identified hazards.
- Select a suitable control; and conduct documenting process.

Methodology

- Lectures and video presentation
- Group work

Course Registration

https://forms.office.com/r/73TeWJw64K

Early Bird/Group of 3 Paxs
(1 month before the training date)
RM1,600

Normal Price
RM1,800
(Price Inclusive of 8% SST)
HRDC Claimable*

adminmefa@mef.org.my
03-7498 7242 / 016 - 254 1844

Course Structure

Time	Day ONE	Day TWO
9.00-10.30	**MODULE 1: Provision of OSH Act 1994 on HIRARC** • Understanding the System of work under section 15 • Introduction to the guidelines on HIRARC • Section 15 and 24 of the OSH Act 1994	**MODULE 4 : Exercises on Conducting HIRARC** • Conduct field analysis of job / work
10.30 – 10.45	Break	Break
10.45 – 13.00	**MODULE 2: Introduction to Hazard Identification, Risk Assessment and Control (HIRARC)** • Purpose of HIRARC • Basic concepts • Understanding the definition used for HIRARC • Definition of hazards • Types of Hazards • Hazard Identification	**MODULE 4 : Exercises on Conducting HIRARC** • Conduct field analysis of job / work
13.00 – 14.00	Lunch	Lunch
14.00 – 15.30	**MODULE 3: Understanding the HIRARC process.** • Planning the types of work to conduct HIRARC. • Hazard Identification process. • Understanding the hierarchy of control • The risk assessment process • Determining the risk control • Record and document the HIRARC process	**MODULE 4 : Exercises on Conducting HIRARC** • Discussion and finalizing the risk assessment. • Presentation and action
15.30 – 15.50	Break	Break
15.50 – 17.00	**Exercise 1 : Classroom Exercise**	**MODULE 4 : Exercises on Conducting HIRARC** • Preparation of HIRARC Documentation
17.00	Session Adjourned	Closing

Trainer Profile

ANIS FAHMY BIN PAUZI
- SENIOR OSH CONSULTANT

A master's of science degree holder in OSH management awarded by Universiti Utara Malaysia. He started his career with NIOSH Malaysia. His job description includes training, audits, consultancy for industries, private sectors and government agencies.

In 2003 he joined Malaysian Employers Federation as an Associate Consultants- OSH and was entrusted to advice member companies of the Federation on OSH legal compliance. His main function includes representing MEF in various technical committee in the Industrial Safety Standard Committee, Department of Standard Malaysia.

For the last 22 years he is a member of the technical committee for safety of machinery and technical committee for ergonomics and technical committee occupational setting. He was involved in various publication such as Guidelines on Occupational Safety and Health Act 1994 – published by the DOSH, "Garis Panduan Keselamatan dan Kesihatan Pekerjaan" – Ministry of Health, Malaysian Standard on Occupational Health and Safety Management Systems ISO 45000 and various industrial standard related to OSH.

.

adminmefa@mef.org.my
03-7498 7242 / 016 - 254 1844