

# WORKPLACE SAFETY MASTERY - HAZARD IDENTIFICATION, RISK ASSESSMENT AND RISK CONTROL (HIRARC) AND HAZARD CONTROL MEASURES



12 & 13 November 2024  
8.30 am - 5.00 pm



ENSEARCH Office,  
Petaling Jaya

Trainer : Buvearasan A/L Muniandy

## OVERVIEW

HIRARC is an essential integration tool designed to proactively identify, assess, and control workplace hazards and risks. In line with ISO 45001:2018 requirements, organizations must establish and maintain an ongoing process for hazard identification. Those that implement effective risk assessments experience significant improvements not only in managing safety and health issues but also in fostering a safer work culture.

This two-day session will focus on identifying safety hazards, assessing their associated risks, and determining appropriate control measures. By understanding and applying HIRARC principles, organizations can enhance operational sustainability and ensure the health and safety of their employees. Join us to explore practical strategies for minimizing risks and creating a safer workplace.

## OBJECTIVES

- Define the meaning of HIRARC
- Identify type of hazard exists at workplace
- Describe how to assess the risk of existence hazard
- List down control measures for reducing the risk of injury
- Prepare and update HIRA Register
- Define the need for HIRA list for achieving Zero Injuries at workplace
- Gain knowledge on type & hierarchy of Hazard Control Measures
- Define suitable Hazard Control Measures for identified safety hazards

## WHO SHOULD ATTEND?

- Occupational Safety & Health Legislations
- Introduction to Risk Management &
- Planning of HIRARC Activities
- Classify Work Activities & Rating of Hazards
- Hazard Identifications & Risk Assessment
- Preparation of HIRA Register
- Risk control - Hierarchy of risk control
- Monitoring process of Established Controls
- Safe Work Procedures

## TRAINING FEES

- Member = RM800
- Non-Member = RM1000
- Individual Membership + Training = RM1050
- HRDC Claimable + Member = RM900
- HRDC Claimable + Non-Member = RM1000
- HRDC Claimable + Individual Membership = RM 1150

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# TRAINER'S PROFILE



## ChM Buvearasan (Puviarasan) Muniandy

- Certified Trainer, Consultant and a registered Chemist with 23 years of industrial and management experience
- Experience in Safety & Health Management System, EMS, QMS & ESG
- Competent Safety & Health Officer and Chemical Safety & Security Officer
- Wide industrial field coverage - Semiconductor, Chemical, Rubber, Metal Fabrication, Supply Chain Management & Glove Manufacturing
- Specializing in setting up Safety Management System and Executing Risk Mitigation Practices
- Experienced in Supply Chain Management, Glove Manufacturing & Plant Extension

# TENTATIVE PROGRAMME

### Day 1

08.00 - 08.30	REGISTRATION
08.30 - 09.00	PRE-TEST
09.00 - 10.00	OCCUPATIONAL SAFETY & HEALTH LEGISLATIONS
10.00 - 10.15	COFFEE BREAK
10.15 - 11.40	INTRODUCTION TO RISK MANAGEMENT & PLANNING OF HIRARC ACTIVITIES
11.40 - 12.40	CLASSIFY WORK ACTIVITIES & RATING OF HAZARDS
12.30 - 02.00	LUNCH BREAK
02:00 - 03:15	WORKSHOP 1 - CLASSIFICATION OF WORKPLACE ACTIVITIES WITHIN ORGANIZATION
03.15 - 05.00	HAZARD IDENTIFICATIONS & RISK ASSESSMENT

### Day 2

08.00 - 08.30	REGISTRATION
08.30 - 10.00	WORKSHOP 2- PREPARATION OF HIRA REGISTER
10.00 - 12.00	RISK CONTROL - HIERARCHY OF RISK CONTROL
12.00 - 01.00	MONITORING PROCESS OF ESTABLISHED CONTROLS
01.00 - 02.00	LUNCH BREAK
02.00 - 04.00	WORKSHOP 3 - EFFECTIVE HAZARD CONTROL MEASURES
04.00 - 05.00	SAFE WORK PROCEDURES
05.00 - 05.30	POST-TEST

  
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SCAN ME!



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