



ISO 45001:2018 HAZARD IDENTIFICATION AND RISK ASSESSMENT TRAINING



MTBM Group Sdn. Bhd. (1600656-M)

Level 8, MCT Tower, Sky Park, One City, Jalan USJ 25/1, 47650 Subang Jaya, Selangor

Course Title: ISO 45001:2018 Hazard Identification and Risk Assessment Training

Course Validity: 2 Day

Validity: Not Applicable

HRD Corp Scheme: Claimable

INTRODUCTION

This 2-day training program is designed to equip participants with the knowledge and skills to identify workplace hazards and perform risk assessments in alignment with ISO 45001:2018 Occupational Health and Safety Management System (OHSMS). The course focuses on the systematic approach to hazard identification, evaluation of risks, and implementation of effective controls to ensure a safe and healthy workplace.

OBJECTIVE(S):

- Understand the principles and requirements of ISO 45001:2018 related to hazard identification and risk assessment.
- Learn methodologies for identifying workplace hazards and evaluating risks.
- Develop skills to implement and maintain effective risk controls.
- Enhance workplace safety culture through systematic hazard management.
- Support organizational compliance with occupational health and safety regulations.

TARGET GROUP(S):

- Safety and health officers.
- Managers and supervisors.
- Internal auditors and team leaders.
- Employees involved in occupational health and safety management and compliance.

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ENTRY REQUIREMENT(S):

- Able to read, write, and communicate verbally in Malay/English.

TOPIC(S):

1. Introduction to ISO 45001:2018 and Hazard Identification.
2. Understanding Hazard Identification and Risk Assessment (HIRA) Requirements.
3. Methodologies for Identifying Workplace Hazards.
4. Risk Assessment and Evaluation Techniques.
5. Developing and Implementing Risk Controls.
6. Monitoring and Reviewing Risk Management Practices.

LIST OF REFERENCE BOOK(S):

- ISO 14001:2015 Standard.
- Environmental Impact Assessment Guidelines.

LIST OF TEACHING AID(S):

- LCD projector.
- Computer.
- Whiteboard with accessories.

METHODOLOGY(S):

- Lecture.
- Group discussions.
- Practical exercises and workshops.
- Case studies and scenario analysis.

TRAINING SCHEDULE

Day 1

Time	Activity/Topic
8:30 am - 9:00 am	Registration and Introduction
9:00 am - 10:30 am	Topic 1: Introduction to ISO 45001:2018 and Hazard Identification
10:30 am - 10:45 am	Morning Tea Break
10:45 am - 12:30 pm	Topic 2: Understanding Hazard Identification and Risk Assessment (HIRA) Requirements
12:30 pm - 1:30 pm	Lunch Break
1:30 pm - 3:30 pm	Topic 3: Methodologies for Identifying Workplace Hazards
3:30 pm - 3:45 pm	Afternoon Tea Break
3:45 pm - 5:00 pm	Group Activity: Identifying Hazards in Work Processes

TRAINING SCHEDULE

Day 2

Time	Activity/Topic
8:30 am - 9:00 am	Recap of Day 1
9:00 am - 10:30 am	Topic 4: Risk Assessment and Evaluation Techniques
10:30 am - 10:45 am	Morning Tea Break
10:45 am - 12:30 pm	Topic 5: Developing and Implementing Risk Controls
12:30 pm - 1:30 pm	Lunch Break
1:30 pm - 3:30 pm	Topic 6: Monitoring and Reviewing Risk Management Practices
3:30 pm - 3:45 pm	Afternoon Tea Break
3:45 pm - 5:00 pm	Practical Exercise: Conducting a Risk Assessment