



## **ISO 45001 CLIMATE CHANGE AMENDMENT INTEGRATION 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 Climate Change Amendment Integration Training

**Course Validity:** 2 Days

**Validity:** Not Applicable

**HRD Corp Scheme:** Claimable

## **INTRODUCTION**

This training provides participants with clear understanding of the ISO 45001:2018 Climate Change Amendment and how it affects Occupational Health & Safety Management Systems (OHSMS). It explains new requirements related to climate-related risks, opportunities, impacts and stakeholder expectations. Participants will learn how to integrate climate change considerations into OSH risk assessments, planning processes, operational controls and continual improvement, ensuring alignment with the amended clauses and regulatory expectations.

## **OBJECTIVE(S):**

- Understand the purpose and scope of the ISO 45001 Climate Change Amendment
- Learn new requirements added to Clause 4.1 and 4.2
- Strengthen capability in identifying climate-related OSH risks & opportunities
- Integrate climate considerations into OSH planning and operational controls
- Improve compliance with updated ISO 45001 expectations
- Support organisations in aligning OHSMS with climate adaptation and resilience
- Enhance documentation, records and evidence for upcoming audits
- Strengthen readiness for certification or surveillance assessments

**TARGET GROUP(S):**

- OSH practitioners, safety officers & safety coordinators
- ESG, risk management & sustainability personnel
- Operations, engineering, facilities & maintenance teams
- HR, compliance & management system personnel
- Organisations preparing for ISO 45001 audits

**ENTRY REQUIREMENT(S):**

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

**TOPIC(S):**

1. Overview of ISO 45001 & Climate Change Amendment Requirements
2. Clause 4.1 – Considering Climate Change as a Context Factor
3. Clause 4.2 – Climate-related Needs & Expectations of Workers & Stakeholders
4. Identifying Climate-Driven OSH Risks & Opportunities
5. Integrating Climate Elements into OSH Planning & HIRARC
6. Operational Controls for Climate Resilience & Worker Safety
7. Documentation, Evidence & Audit Readiness for the Amendment
8. Developing Climate-Integrated OHSMS Action Plans

**LIST OF REFERENCE BOOK(S):**

- ISO 45001:2018 OH&S Management Systems Standard
- ISO Climate Change Amendment (February 2024)
- OSH Risk Assessment & Climate Risk Integration Guidelines
- OHSMS Implementation & Audit Reference Materials

**LIST OF TEACHING AID(S):**

- LCD projector
- Computer
- Whiteboard with accessories

**METHODOLOGY(S):**

- Lecture
- Case studies
- Group discussions
- Climate-risk analysis exercises
- Practical system integration workshops

## TRAINING SCHEDULE

### Day 1

Time	Activity / Topic
8:30 am – 9:00 am	Registration and Introduction
9:00 am – 9:45 am	Topic 1: ISO 45001 & Climate Change Amendment Overview
9:45 am – 10:30 am	Topic 2: Clause 4.1 and Climate as a Context Factor
10:30 am – 10:45 am	<b>Morning Tea Break</b>
10:45 am – 11:30 am	Topic 3: Clause 4.2 and Stakeholder Needs & Expectations
11:30 am – 12:30 pm	Topic 4: Climate-Driven OSH Risks & Opportunities
12:30 pm – 1:30 pm	<b>Lunch Break</b>
1:30 pm – 2:30 pm	Case Study: Climate Impact on Workplace Health & Safety
2:30 pm – 3:30 pm	Workshop: Climate Risk Identification (HIRARC Integration)
3:30 pm – 3:45 pm	<b>Afternoon Tea Break</b>
3:45 pm – 5:00 pm	Practical Exercise: Updating Context & Stakeholder Registers

## TRAINING SCHEDULE

### Day 2

Time	Activity / Topic
8:30 am – 9:00 am	Recap of Day 1 & Q&A
9:00 am – 9:45 am	Topic 5: Integrating Climate into OSH Planning Processes
9:45 am – 10:30 am	Topic 6: Operational Controls for Climate Resilience
10:30 am – 10:45 am	Morning Tea Break
10:45 am – 11:30 am	Topic 7: Documentation, Evidence & Audit Requirements
11:30 am – 12:30 pm	Practical: Preparing Climate-Integrated OHSMS Records
12:30 pm – 1:30 pm	Lunch Break
1:30 pm – 2:30 pm	Topic 8: Developing Climate Change Action Plans
2:30 pm – 3:30 pm	Group Exercise: OHSMS Climate Integration Roadmap
3:30 pm – 3:45 pm	Afternoon Tea Break
3:45 pm – 5:00 pm	Final Review, Q&A & Closing