



## **IMS ISO 9001, ISO 14001 & 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:** IMS ISO 9001, ISO 14001 & ISO 45001 Climate Change Amendment Integration Training

**Course Validity:** 2 Days

**Validity:** Not Applicable

**HRD Corp Scheme:** Claimable

## INTRODUCTION

In 2024, ISO introduced a unified Climate Change Amendment across all management system standards, including ISO 9001 (QMS), ISO 14001 (EMS) and ISO 45001 (OHSMS). Organizations are now required to consider the potential impacts of climate change when establishing, implementing, and improving their Integrated Management System (IMS). This course provides participants with a consolidated approach to integrating climate-related risks, opportunities, aspects, impacts, hazards, and operational controls into all three standards. The programme explains documentation updates, risk treatment, leadership requirements, performance evaluation, and audit expectations needed to achieve certification compliance.

## OBJECTIVE(S)

- Understand the Climate Change Amendment and its implications on an IMS
- Integrate climate-related issues into Clause 4 (Context) & Clause 6 (Planning) across QMS, EMS & OHSMS.
- Identify climate-related quality, environmental, and health & safety risks and opportunities.
- Update IMS documentation, including risk registers, aspect-impact assessments and HIRARC.
- Strengthen emergency preparedness, operational control and supplier risk evaluation.
- Prepare credible audit evidence for climate change integration during certification audits.
- Improve organizational resilience using integrated IMS planning and climate adaptation strategies.

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**TARGET GROUP(S):**

- IMS Managers / QMR / EHS Managers
- ISO 9001 / ISO 14001 / ISO 45001 Implementation Teams
- Risk & Compliance Personnel Sustainability / ESG Teams
- Top Management & HODs
- Internal Auditors
- Emergency Response Team members
- Anyone involved in IMS planning and documentation

**ENTRY REQUIREMENT(S):**

- Basic understanding of ISO 9001, ISO 14001 & ISO 45001
- Familiarity with IMS concepts is helpful
- Able to interpret risk assessment and planning processes

**TOPIC(S):**

1. Overview of Climate Change Amendment (2024) for ISO 9001, ISO 14001 & ISO 45001
2. Climate Change Impacts on Quality, Environment & Occupational Safety
3. Clause 4 – Integrating Climate Change into Organizational Context & Stakeholder Needs
4. Clause 6 – Climate-Related Risks & Opportunities in IMS Planning
5. Climate Change Impacts on Aspect–Impact, Hazard–Risk & QMS Performance
6. Climate Risk Assessment Tools (Heatmap, Scenario Analysis, Likelihood–Severity)
7. Updating IMS Documentation (Risk Register, Aspect–Impact, HIRARC, Objectives, Controls)
8. Climate Change & Emergency Preparedness (Heat stress, flood, pollution, supply chain disruption)
9. Audit Evidence & Certification Body Expectations for IMS Climate Change Integration
10. Case Study & Workshop – Developing a Climate-Integrated IMS Action Plan

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

- ISO 9001:2015 Quality Management Systems
- ISO 14001:2015 Environmental Management Systems
- ISO 45001:2018 Occupational Health & Safety Management Systems
- ISO Climate Change Amendment (2024)
- DOE & DOSH Climate & Emergency Guidelines
- ISO 19011:2018 for auditing guidance

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

- LCD projector
- Computer
- Whiteboard & markers
- IMS risk & documentation templates
- Climate hazard assessment tools
- Case studies on QMS–EMS–OHSMS integration

**METHODOLOGY(S):**

- Lecture
- Group discussion
- Integrated risk assessment exercise
- Case study analysis
- Documentation review workshop
- Audit preparation simulation

## TRAINING SCHEDULE

### Day 1

Time	Activity/Topic
8:30 am – 9:00 am	Registration & Introduction
9:00 am – 10:30 am	Topic 1: Overview of Climate Change Amendment for IMS
10:30 am – 10:45 am	<b>Morning Tea Break</b>
10:45 am – 12:30 pm	Topic 2: Climate Change Impacts on QMS, EMS & OHSMS
12:30 pm – 1:30 pm	<b>Lunch Break</b>
1:30 pm – 3:30 pm	Topic 3: Clause 4 – Context, Stakeholders & Climate Change Issues
3:30 pm – 3:45 pm	<b>Afternoon Tea Break</b>
3:45 pm – 5:00 pm	Workshop: Climate-Integrated Aspect–Impact–Risk Identification

## 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: Clause 6 – Climate Risks, Opportunities & Planning Integration
10:30 am – 10:45 am	<b>Morning Tea Break</b>
10:45 am – 12:30 pm	Topic 5: Updating IMS Documentation (Risk Register, HIRARC, A/I Register, EPRP)
12:30 pm – 1:30 pm	<b>Lunch Break</b>
1:30 pm – 3:30 pm	Topic 6: Certification Audit Expectations & Evidence Preparation
3:30 pm – 3:45 pm	<b>Afternoon Tea Break</b>
3:45 pm – 5:00 pm	Practical Assessment: Develop an Integrated Climate Change IMS Action Plan