



EPD IMPLEMENTATION & COMPLIANCE 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: EPD Implementation & Compliance Training

Course Validity: 2 Days

Validity: Not Applicable

HRD Corp Scheme: Claimable

INTRODUCTION

This training provides participants with in-depth knowledge and practical steps for developing, implementing and maintaining Environmental Product Declarations (EPDs) in accordance with ISO 14025, ISO 14040/14044 and relevant Product Category Rules (PCRs). The programme covers LCA data requirements, environmental indicators, reporting structure, verification processes, compliance obligations and programme operator rules. Participants will also learn how to manage suppliers, collect data, prepare EPD documentation, perform internal reviews and plan for successful third-party verification. Practical workshops guide participants through the full EPD implementation workflow.

OBJECTIVE(S):

- Understand the complete EPD development and implementation process
- Learn how LCA, PCR and ISO 14025 requirements are applied during EPD preparation
- Identify documentation, datasets, impact indicators and reporting requirements
- Understand submission, verification and compliance processes under programme operators
- Develop capability to perform internal reviews and ensure EPD accuracy and consistency
- Strengthen organisational readiness for EPD implementation, verification and renewal

TARGET GROUP(S):

- Manufacturers and producers
- LCA practitioners and sustainability teams
- QA/QC executives
- R&D and product development personnel
- Procurement and supply chain personnel
- ESG, compliance and technical documentation teams

ENTRY REQUIREMENT(S):

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

TOPIC(S):

1. Introduction to EPD, ISO 14025 and Market Requirements
2. Relationship Between LCA, PCR and EPD Framework
3. Understanding PCR Requirements and Impact Categories
4. Data Collection, Data Quality Rules and LCI Preparation
5. EPD Reporting Structure and Mandatory Content
6. Programme Operator Requirements (EPD International, UL, SCS, etc.)
7. Verification, Third-Party Review and Approval Processes
8. Internal Review, Data Consistency and Compliance Checks
9. Supplier Data Integration and Evidence Management
10. Implementation Strategy, Documentation Management and Renewal

LIST OF REFERENCE BOOK(S):

- ISO 14025 Type III Environmental Declarations
- ISO 14040 & ISO 14044 LCA Standards
- Relevant Product Category Rules (PCRs)
- EPD Programme Operator Guidelines

LIST OF TEACHING AID(S):

- LCD projector
- Computer
- Whiteboard with accessories

METHODOLOGY(S):

- Lecture
- Group discussions
- Case studies
- Implementation workshop

TRAINING SCHEDULE

Day 1

Time	Activity / Topic
8:30 am – 9:00 am	Registration and Introduction
9:00 am – 9:45 am	Topic 1: Overview of EPD and ISO 14025 Requirements
9:45 am – 10:30 am	Topic 2: LCA Foundations and Role in EPD Development
10:30 am – 10:45 am	Morning Tea Break
10:45 am – 11:30 am	Topic 3: Understanding PCR Structure, Scope and Requirements
11:30 am – 12:30 pm	Topic 4: Data Collection, LCI and Data Quality Requirements
12:30 pm – 1:30 pm	Lunch Break
1:30 pm – 2:30 pm	Topic 5: EPD Impact Categories and Indicator Calculations
2:30 pm – 3:30 pm	Topic 6: Reporting Structure and Mandatory Content
3:30 pm – 3:45 pm	Afternoon Tea Break
3:45 pm – 5:00 pm	Workshop: Reviewing a Sample PCR & Identifying Key Requirements

TRAINING SCHEDULE

Day 2

Time	Activity / Topic
8:30 am – 9:00 am	Recap of Day 1
9:00 am – 9:45 am	Topic 7: Programme Operator Rules and Submission Requirements
9:45 am – 10:30 am	Topic 8: Verification, Third-Party Review and Compliance Processes
10:30 am – 10:45 am	Morning Tea Break
10:45 am – 11:30 am	Topic 9: Internal Review, Data Consistency and Quality Control
11:30 am – 12:30 pm	Topic 10: Managing Supplier Data and Supporting Evidence
12:30 pm – 1:30 pm	Lunch Break
1:30 pm – 2:30 pm	Workshop: Building an EPD Structure and Draft Documentation
2:30 pm – 3:30 pm	Workshop: LCA-to-EPD Data Mapping and Consistency Checks
3:30 pm – 3:45 pm	Afternoon Tea Break
3:45 pm – 5:00 pm	Final Workshop: Preparing a Complete EPD Implementation Plan and Q&A