



PRODUCT CATEGORY RULES (PCR) 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: Product Category Rules (PCR) Training

Course Validity: 2 Days

Validity: Not Applicable

HRD Corp Scheme: Claimable

INTRODUCTION

This training provides participants with an in-depth understanding of Product Category Rules (PCR), the fundamental framework that guides Life Cycle Assessment (LCA) and Environmental Product Declaration (EPD) development. It covers the structure, purpose and application of PCRs, including system boundaries, functional units, data requirements and impact categories. Participants will gain practical knowledge on interpreting PCR documents, applying them correctly in LCA studies and ensuring compliance for EPD development, verification and publication.

OBJECTIVE(S):

- Understand the purpose, structure and requirements of PCRs
- Learn how PCRs guide LCA methodology and EPD development
- Strengthen skills in interpreting functional units and system boundaries
- Understand data quality rules, impact categories and calculation principles
- Improve capability to apply PCR requirements in real LCA/EPD work
- Enhance compliance with programme operator rules (EPD schemes)
- Support accurate, consistent and verifiable product environmental reporting
- Develop readiness for EPD verification and publication processes

TARGET GROUP(S):

- LCA, ESG and sustainability teams
- Product development & engineering personnel
- EPD project teams and environmental consultants
- QA/QC, compliance and technical documentation teams
- Organisations preparing EPDs for global markets

ENTRY REQUIREMENT(S):

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

TOPIC(S):

1. Introduction to PCRs & Their Role in LCA/EPD Development
2. PCR Structure, Framework, Functional Unit & System Boundaries
3. Data Quality Requirements, Inventory Rules & Allocation Principles
4. Impact Categories & Environmental Indicators in PCRs
5. Applying PCRs in LCA Modelling & EPD Compilation
6. Rules from Programme Operators (EPD International, UL, etc.)
7. Verification, Compliance & Documentation Requirements
8. Developing EPDs Based on PCR Specifications

LIST OF REFERENCE BOOK(S):

- ISO 14025: Environmental Labels & Declarations
- ISO 14040 & ISO 14044: LCA Principles & Requirements
- EPD International PCR Guidelines & General Programme Instructions
- Life Cycle Inventory & Environmental Impact Assessment References

LIST OF TEACHING AID(S):

- LCD projector
- Computer
- Whiteboard with accessories

METHODOLOGY(S):

- Lecture
- Case studies
- Group discussions
- PCR interpretation exercises
- Practical LCA/EPD application 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: Introduction to PCRs & Their Role in LCA/EPD
9:45 am – 10:30 am	Topic 2: PCR Structure, Functional Unit & Boundaries
10:30 am – 10:45 am	Morning Tea Break
10:45 am – 11:30 am	Topic 3: Data Quality Rules & Inventory Requirements
11:30 am – 12:30 pm	Topic 4: Impact Categories & Environmental Indicators
12:30 pm – 1:30 pm	Lunch Break
1:30 pm – 2:30 pm	Case Study: Reviewing a Published PCR
2:30 pm – 3:30 pm	Workshop: Identifying Key PCR Requirements
3:30 pm – 3:45 pm	Afternoon Tea Break
3:45 pm – 5:00 pm	Practical Exercise: Functional Unit & Boundary Analysis

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: Applying PCRs in LCA Modelling
9:45 am – 10:30 am	Topic 6: Programme Operator Rules (GPI, UL, etc.)
10:30 am – 10:45 am	Morning Tea Break
10:45 am – 11:30 am	Topic 7: Verification, Compliance & Documentation
11:30 am – 12:30 pm	Practical: Reviewing LCA Data Against PCR Rules
12:30 pm – 1:30 pm	Lunch Break
1:30 pm – 2:30 pm	Topic 8: Developing EPDs Based on PCR Requirements
2:30 pm – 3:30 pm	Group Exercise: Drafting PCR-Aligned EPD Sections
3:30 pm – 3:45 pm	Afternoon Tea Break
3:45 pm – 5:00 pm	Final Review, Q&A & Closing