



## **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:** 1 Day

**Validity:** Not Applicable

**HRD Corp Scheme:** Claimable

## **INTRODUCTION**

This training provides participants with a comprehensive understanding of Product Category Rules (PCR), the essential framework used for developing Environmental Product Declarations (EPDs) under ISO 14025. The programme explains the structure of PCRs, functional unit determination, system boundaries, data quality rules, allocation methods, impact categories and reporting requirements. Participants will gain clarity on how PCRs guide Life Cycle Assessment (LCA) studies, ensure comparability between products and support credible, standardised environmental communication. The training also introduces participants to international PCR programmes and how to select, interpret and apply PCRs for various product categories.

## **OBJECTIVE(S):**

- Understand the purpose and structure of Product Category Rules
- Learn how PCRs guide LCA development and EPD creation
- Understand functional units, system boundaries and allocation rules
- Identify key environmental impact categories and data quality requirements
- Learn how to interpret and apply PCR requirements correctly
- Strengthen organisational readiness for PCR-based LCA and EPD initiatives

**TARGET GROUP(S):**

- Manufacturers and producers
- Sustainability and environmental teams
- LCA practitioners
- QA/QC executives
- R&D and product development personnel
- Procurement and supply chain personnel

**ENTRY REQUIREMENT(S):**

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

**TOPIC(S):**

1. Introduction to Product Category Rules
2. Relationship Between PCR, LCA and EPD
3. Structure and Components of PCRs
4. Functional Unit, Reference Flow and Declared Unit
5. System Boundaries and Allocation Rules
6. Data Quality Requirements and Inventory Data
7. Environmental Impact Categories and Calculation Methods
8. Reporting Requirements Under ISO 14025
9. PCR Development, Review and Approval Processes
10. International PCR Programmes and How to Select the Correct PCR

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

- ISO 14025 Environmental Declarations – Type III
- ISO 14040 and ISO 14044 Life Cycle Assessment Standards
- PCR Guidance from EPD Programme Operators (e.g., EPD International, UL, SCS Global)
- Relevant Product Category Rules for Selected Industries

**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 PCR and Its Role in LCA/EPD
9:45 am – 10:30 am	Topic 2: Structure and Key Components of PCRs
10:30 am – 10:45 am	<b>Morning Tea Break</b>
10:45 am – 11:30 am	Topic 3: Functional Unit, Reference Flow and System Boundaries
11:30 am – 12:30 pm	Topic 4: Data Quality Requirements and Inventory Data Rules
12:30 pm – 1:30 pm	<b>Lunch Break</b>
1:30 pm – 2:30 pm	Topic 5: Environmental Impact Categories and Calculation Methods
2:30 pm – 3:30 pm	Topic 6: PCR Application, Reporting Requirements and Case Studies
3:30 pm – 3:45 pm	<b>Afternoon Tea Break</b>
3:45 pm – 5:00 pm	Workshop: Interpreting and Applying a Real PCR Document and Q&A