

Life Cycle Assessment Seminar



Objectives

After completing the LCA course, the participant should be able to:

- Understand the complexities and requirements of LCA
- Be able to apply LCA
- Know how to access and analyze inventory data
- Use different methodologies for impact assessment
- Analyze and interpret the output of the LCA study
- Assess the environmental dimensions of circular economy with systems thinking and LCA
- Identify the possible applications and limitations of LCA and its role within the wider environmental management context

Course Outline (1day)

LIFE CYCLE PERSPECTIVES IN ISO 14001

- What is a life cycle
- What is life cycle assessment?
- Why life cycle should be included in ISO 14001
- Life cycle assessment: is it a requirement?

LIFE CYCLE ASSESSMENT

- Definition/Goal and scope definition
- Life cycle inventory/Life cycle impact assessment
- Data interpretation/Exercises/ Functional unit
- Special Terms of Life cycle assessment
- System boundaries/ Impact Assessment
- Life cycle inventory Analysis/Exercises
- Impact Categories
- Global Warming Potential/Acidification Potential
- Eutrophication and Ozone depletion Potential
- Photochemical ozone creation potential
- Primary energy / Interpretation and reporting

- Critical Review and Exercises
- Case Studies: Using LCA to guide the journey towards sustainability
- Workshop based on case study

Who should attend?

- Businesses involved in circular economy
- Construction companies
- Local authorities, LGU, Housing associations
- Manufacturers/Entrepreneurs
- Sustainability consultants / Environmental managers.

Fee

- **Php7,500.00 + 12% Vat** for the Training Center at The City Club Alhaland, Makati City
- **Php6,000.00 + 12% Vat** for E-Learning
- **Php5,000.00** for Open Distance Learning (ODL)

Note:

Early Registration Payment: Ten-Percent (10%) Discount if PAID thirty (30) days before the training date
Group Discount: Five-Percent (5%) on Three (3) or More Participants

Lecturer

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ISO 14001 / LCA

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