

TC4

Technical Category Training

Energy Efficiency Improvement of Mechanical Equipment

**2.5 DAYS
TRAINING**

Training Summary

In this course, participants will learn the technical energy efficiency improvement measures for mechanical equipment including chillers, fans, pumps and compressed air systems. Participants will also be exposed to the systematic approach to analyze the energy efficiency of these equipment and understand the typical energy losses, and gain insights on how to improve the energy efficiency.

Learning Outcomes

- 1) Determine the current energy efficiency of your mechanical equipment.
- 2) Identify energy improvement opportunities.

Learning Benefits

- 1) Reduce your facilities' energy costs.
- 2) Improve the energy efficiency of the mechanical equipment in your facilities.
- 3) Gain professional recognition.
- 4) Prepare your organisation for setting up an energy management system.

Course Outline

Fundamentals, efficiency calculations, energy improvement opportunities

- Chiller
- Fluid Pumps
- Fans
- Compressed Air System

Targeted Participants

Energy manager, Professionals from any discipline, Facility/maintenance managers or engineers and Industry personnel who wish to learn more on mechanical equipment.

Trainer Profile

Refer to Trainer:

- 1) Assoc. Prof. Ir Dr Hayati Abdullah