

TC3

Technical Category Training

**2 DAYS
TRAINING**

Energy Audit on Electrical System

Training Summary

Technical energy audits are detailed evaluations of the actual performance of a facility's energy using systematic approach and equipment, benchmark against the designed performance level or the industry. Trainees will gain insight on the importance of selecting the right electricity tariff, power factor improvement and how to manage the electrical load. Trainees will also learn how to improve the energy efficiency for lighting, motor and transformer. This training will also provide demonstration on the use of electrical energy audit equipment.

Learning Outcomes

- 1) Learn to select the best electricity tariff.
- 2) Reduce your Energy Costs Improve Energy Efficiency of your Facilities.
- 3) How to improve the power factor to reduce the electrical energy consumption.
- 4) How to manage the electrical load.
- 5) The important aspects of improving the energy efficiency of transformer.
- 6) Lighting and motor energy improvement measures.

Learning Benefits

- 1) Reduce your Energy Costs.
- 2) Improve Energy Efficiency of your Facilities.

Course Outline

- 1) Electricity Tariff
- 2) Power Factor Correction
- 3) Electric Motor
- 4) Transformer
- 5) Lighting
- 6) Electrical Load Management
- 7) Electrical Energy Audit
- 8) Methodology

Targeted Participants

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

Trainer Profile

Refer to Trainer:

- 1) Prof. Ir. Dr. Mohammad Yusri Hassan