

TRAINING ON THE INTRODUCTION TO ENERGY MANAGEMENT SYSTEM DEVELOPMENT AND IMPLEMENTATION BASED ON ISO50001 REQUIREMENTS



SANDHURST
ADVISORY

Date & Venue : As scheduled
Duration : 1 Day (9am-5pm)
Fees : RM700

SCOPES AND KEY CONTENTS

This is for technical and non-technical personnel which training comes with the step-by-step guides on practical strategies, key steps and guidelines on the implementation of an effective system to reduce operational costs from sustainable energy management practices.

Below are scopes and key contents of the proposed training program.

- Energy management towards achieving business and sustainability goals.
- Overview of energy management system concept, approach and key terms.
- Understanding key clauses in energy management system development and implementation.
- Examples from ISO50001 certified facilities in Malaysia.

LEARNING OUTPUTS

Below are expected main learning outputs of the proposed training program.

- Understanding key requirements in developing energy management system based on a standard's requirements.
- Knowledge on effective approaches, methods, data and information required in developing energy management system

DURATION AND MODE

One day - Classroom and Online

WHO SHOULD ATTEND?

- Registered Electrical Energy Managers, energy managers and sustainability managers.
- Government officers/engineers/technical personnel involved in energy efficiency projects and carbon footprint related programs at federal, state and local authority levels.
- Energy management and energy efficiency consultants and practitioners.
- Facilities and asset managers.
- Operation and maintenance directors, managers and executives.
- Researchers and students

OUR CONSULTANT



MR ZAINI ABDUL WAHAB

- Registered electrical energy manager (reem) with Energy Commission
- Certified as an expert in Energy Management System (EnMS) by United Nations Industrial Development Organisation (UNIDO)
- Certified energy auditor and an accredited energy measurement and verification professional by Malaysia Association of Energy Service Companies (MAESCO)
- Energy management consultant who specialises in reducing business operational costs for organisations through energy management system implementation.
- Holds Masters's degree in energy management from National Energy University (UNITED) and a bachelor's degree in Mechanical Engineering (Hons) from National University of Malaysia (UKM).
- Certified trainer by the HRD Corporation

TRAINING OUTLINE

Time	Content
9.00 a.m.	Introduction
9.10 a.m.	<ul style="list-style-type: none">• Energy management and Sustainable Development Goals towards achieving net zero target 2050.• Energy management system(EnMS) concept, approach and key terms• Standards in EnMS development and implementation and examples from ISO50001 certified facilities• Organizational Context and Leadership in EnMS
10.30 a.m.	Break
10.45 a.m.	<ul style="list-style-type: none">• Understanding EnMS development and implementation: Planning and documentation of energy management activities(with practical energy data analysis with given/participant's data)
11.45 a.m.	<ul style="list-style-type: none">• Understanding EnMS development and implementation : Supports and data collection plan
1.00 p.m.	Lunch break
2.30 p.m.	<ul style="list-style-type: none">• Understanding EnMS development and implementation: The operation of EnMS – O&M criteria, design and procurement for energy efficient operations
3.30 p.m.	Break
3.45 p.m.	<ul style="list-style-type: none">• Understanding EnMS development and implementation : Performance Evaluation and Continual Improvement
4.45 p.m.	Discussion and what's next?
5.00 p.m.	End of training
