

ENERGY AUDIT ON ELECTRICAL SYSTEM



Certified Trainer

Prof. Engr. Dr. Mohammad Yusri Hassan

CEM, REEM, MIEEE, MIET, MEPA, Grad. IEM Ph.D (Strathclyde), M.Eng. (UTM), B.Eng (Strathclyde)

Organized by :



Recognized by :



HRDF Claimable*

For company, please check with your HR Department on SBL scheme

Training	Date	CDP	Requirement
<p>Method: Online training Standard Price: RM1000/pax</p>	<p>Refer to announcement (Speak with us for confirmed date on brochure)</p>	<p>6 (100% Attendance required)</p>	<p>stable internet microphone webcam</p>
<p>Training Summary</p> <p>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.</p> <p>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.</p>		<p>Learning Outcome</p> <ul style="list-style-type: none"> - Learn to select the best electricity tariff - How to improve the power factor to reduce the electrical energy consumption - How to manage the electrical load - The important aspects of improving the energy efficiency of transformer - Lighting and motor energy improvement measures 	
<p>Learning Benefit</p> <ul style="list-style-type: none"> - Reduce your Energy Costs - Improve Energy Efficiency of your Facilities 		<p>Course Outline</p> <ul style="list-style-type: none"> - Electricity Tariff - Power Factor Correction - Electric Motor - Transformer - Lighting - Electrical Load Management - Electrical Energy Audit - Methodology 	
<p>Trainer Profile</p> <p>Prof. Ir. Dr. Mohammad Yusri Hassan is a Professor at Faculty of Electrical Engineering, Universiti Teknologi Malaysia (UTM). He is the Director of Centre of Electrical Energy Systems (CEES), UTM. He has wide experiences in the area of energy consultancy. He was involved in the "National Energy Conservation Study" under the Ministry of Energy Telecom and Post, Malaysia (METP) in 1993. This project was supervised by France Energy Consultant (ADEME) and it was carried out to prepare an energy management guideline/manual for Malaysian industries. He has also served as an energy audit consultant on behalf of ISI, UTM for the industries and commercial buildings.</p> <p>He is a member of Institute Electrical Electronic Engineer (MIEEE), member of Institution Engineering and Technology (MIET), Registered Graduate Engineer with the Board of Engineers Malaysia (BEM); Graduate Member of Institution of Engineers Malaysia (IEM); He is also a Working Group Member of Energy Efficiency of SIRIM and member of SIRIM Technical Committee on Energy Management. He is a Certified Energy Manager under ASEAN Energy Management Scheme (AEMAS) and Registered Electrical Energy Manager under Energy Commission, Malaysia.</p>			

Registration Form

Course Fees : according to brochure
 P.I.C : Mr Axel / Ms Thulasi / Ms Huda
 Numbers : +60167167248 / +075536244
 Website : www.optimalsystems.my
 Hours : Sunday - Thursday (9.00am - 5:00pm)

Course Title	
Course Date	

Registration Form email to training@optimalsystems.my

PARTICIPANTS' DETAILS

1.	Name			
	Position		Mobile No.	
	Email address			
2.	Name			
	Position		Mobile No.	
	Email address			
3.	Name			
	Position		Mobile No.	
	Email address			
4.	Name			
	Position		Mobile No.	
	Email address			
5.	Name			
	Position		Mobile No.	
	Email address			

ORGANIZATION DETAILS

Company/Organization			
Address			
Email		Telephone	

Payment / Terms & Conditions

For **confirmation of seat**, you are required to pay in full (for individual/organization) or with LOU agreement (for organization only, T&C applies) within 7 days upon registering. Any cancellation made by trainee 14 days before the training date, the full amount will be non-refundable but transferable. All promotion prices will require **confirmation of seat** to be eligible. The **Full Payment** can be made payable to:

Name : OPTIMAL SYSTEMS ENGINEERING SDN BHD
 Bank : CIMB Bank
 Account No. : 8007376166
 Email to : account@optimalsystems.my
 cc to : training@optimalsystems.my

Organization Stamp*

TENTATIVE

ENERGY AUDIT ON ELECTRICAL SYSTEM

Day 1	
8.30 am - 9.00 am	Registration
9.00 am - 10.00 am	Electricity Tariff
10.00 am - 10.30 am	Break
10.30 am - 11.00 am	Electricity Tariff
11.00 am - 1.00 pm	Power Factor Correction
1.00 pm - 2.00 pm	Lunch
2.00 pm - 4.00 pm	Electric Motor
4.00 pm - 5.00 pm	Transformer
5.00 pm	Break & Discussion

Day 2	
9.00 am - 10.30 am	Lighting
10.30 am - 11.00 am	Break
11.00 am - 12.00 pm	Electrical Load Management
12.00 pm - 1.00 pm	Electrical Energy Audit Methodology
1.00 pm - 2.00 pm	Lunch Break
2.00 pm - 3.00 pm	Electrical Energy Audit Methodology & Case Study - Part A
3.00 pm - 4.30 pm	Electrical Energy Audit Methodology & Case Study - Part B
4.30 pm - 5.00 pm	Tea Break & Discussion

This schedule is subjected to minor changes by the Organizer without prior notice. For the latest training dates: kindly refer to bit.do/optimise-training

For online registration: go to bit.do/training-register

For offline registration: Fill up form and email to training@optimalsystems.my