HOW TO FIND HIDDEN EFFICIENCY POTENTIALS IN YOUR EQUIPMENT ENERGY CONSUMPTION



Certified Trainer

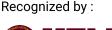
Ir. Al-Khairi Mohd Daud
P.Eng, PEM, REEM, CPSI, MIEM,
MMSQH, BEAM, MSOSH

Organized by:













HRDF Claimable

Check with your HR Department for more info

Training	Date	CDP	Requirement
Method: Online training Standard Price: RM1000/pax	Refer to announcement (Speak with us for confirmed date on brochure)	6 (100% Attendance required)	stable internet microphone webcam
Training Summary In this course, you will learn the technical energy audit on core mechanical equipment include motor, chiller, cooling tower, fans and blowers, pumps and air compressors. You will learn the systematic approach to account the energy efficiency of these equipments and understand the typical energy losses. More importantly, you will gain insight on how to improve the energy efficiency.		- Understand the typical energy losses of mechanical equipment in your facilities, including motors, chillers, cooling towers, fans and blowers, pumps and air compressors How to account the energy efficiency of different mechanical equipment Strategies and tips to improve the energy efficiency of mechanical equipment.	
Reduce your energy costs Improve the energy efficiency of the mechanical equipment in your facilities Gain professional recognition Prepare your organisation for setting up energy management system		Course Outline - Motors - Chillers - Cooling Towers - Fans and Blowers - Pumps - Air Compressors	

Trainer Profile

Ir. Al-Khairi is a professional mechanical engineer with 30+ years experience spanning various sectors. From gas process plant, oleochemicals to high-end R&D and medical centre facilities. He acted as the Principal Engineer and Facilities Manager. He graduated from the University of Leeds with a BEng. (Hons) in Mechanical Engineering as well as holds an MBA from UNITAR. He is one of the AEMAS Certified Trainers for the Energy Manager Training Course (EMTC) as well as the trainer for competent and authorized person for medical gas system.

He is also one of the active surveyors of Malaysian Society for Quality in Health (MSQH), drafting the standard two and three of the MSQH 5th edition standards. He also has experience in research, manufacturing and private healthcare facilities. Ir Al-Khairi was involved in construction, project management, asset management, reliability studies, repair and maintenance of plants and facilities and consultancy.

Currently, Ir Al-Khairi is the Chief Consultant for Faqeh Management which specializing in asset, reliability, maintenance and energy management. Ir Al-Khairi is the advisor for Oil, Gas and Mining Technical Division for Institute of Engineers Malaysia (IEM) and a surveyor with Malaysian Society for Quality in Healthcare. He is also a member of Institute of Asset Management in UK. Ir Al-Khairi is not only a Registered Electrical Energy Manager with Energy Commission but he has been appointed as the country expert, trainer and auditor for ASEAN Energy Management Standard (AEMAS) under Green Technology Malaysia and preparing to be the expert trainer for ISO 50001.



Course Title	
Course Date	

Registration Form

Course Fees : according to brochure

P.I.C : Mr Axel / Ms Thulasi / Ms Huda
Numbers : +60167167248 / +075536244
Website : www.optimalsystems.my

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Hours: Sunday - Thursday (9.00am - 5:00pm)

Registration Form email to training@optimalsystems.my			
PARTICIPANTS' DETAILS			
1.	Name		
	Position	Mobile No.	
	Email address		
2.	Name		
	Position	Mobile No.	
	Email address		
	Name		
3.	Position	Mobile No.	
	Email address		
	Name	<u>.</u>	
4.	Position	Mobile No.	
	Email address		
	Name	<u>, </u>	
5.	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

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TENTATIVE

HOW TO FIND HIDDEN EFFICIENCY POTENTIALS IN YOUR EQUIPMENT ENERGY CONSUMPTION

Day 1	
9.00 am - 10.00 am	Introduction to Energy Audit
10.00 am - 10.15 am	Tea break
10.15 am - 1.00 pm	Introduction to Energy Audit (Cont.)
	Basic Flow Chart
1.00 pm - 2.00 pm	Lunch
2.00 pm - 4.30 pm	Electric Motors
	Pumping System
4.30 pm - 5.00 pm	Tea Break & Discussion

Day 2	
9.00 am - 10.00 am	Compressed Air System
10.00 am - 10.15 am	Tea break
10.15 am - 1.00 pm	Compressed Air System (Cont.)
	Cooling Tower
1.00 pm - 2.00 pm	Lunch
2.00 pm - 4.30 pm	HVAC And Refrigerant System
	Fans And Blowers
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