2-Days Course on "Optimizing Compressed Air System Energy Efficiency"

SPEAKERS :

Ir. Luk Chau Beng

Mr. Kelvin Low

ORGANIZED BY
MECHANICAL ENGINEERING TECHNICAL DIVISION (METD)

Date	**: 04 November 2020 - 05 November 2020 (Wednesday - Thursday)** **– Reschedule from 03 November 2020 - 04 November 2020 (Tuesday – Wednesday)**
Venue	**: C&S Lecture Room, 2nd Floor, Wisma IEM, Petaling Jaya**
Time	**: 9.00 a.m. – 5.30 p.m.**

BEM Approved CPD/PDP Hours: 14.0 CPD
CPD REF. No.: IEM20/HQ/177/C

CLOSING DATE:
30 October 2020
OR if the Course Reach its Target Registered Participants
NO ONLINE Registration
will be allowed after the Closing Date

LIMITED SEATS

'FIRST-COME-FIRST-REGISTRATION BASIS'

Cancellation Policy

No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with 7 days prior notification and substitute will be charged according to membership status.

Personal Data Protection Act

I have read and understood the IEM's Personal Data Protection Notice published on IEM's website at http://www.myiem.org.my and I agree to IEM's use and processing of my personal data as set out in the said notice.

"IEM reserves the right to alter or cancel the programme due to unforeseen circumstances at its discretion'.
For intending participants who choose to 'walk in without prior registration',
IEM SHALL NOT be responsible for any direct or consequential losses".

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SPEAKERS

Ir. Luk Chau Beng is Professional Engineer and holds a Masters Degree in Engineering Management, a Bachelor degree in Mechanical Engineering, a First Grade Steam Engineer and a First Grade Internal Combustion Engineer Certificate issued by DOSH, Malaysia. He had more than 35 years of experince in operting, maintaining and turnaround of a power plant covering boilers, steam turbines, combustion turbines, compressed air system etc.

Apart from that, Ir. Luk was the past Chairman of the Mechanical Engineering Technical Division of IEM as well as a former Council Member of IEM. He holds several national chairmanships which include Chairman for ISO TC 11 on boiler and unfired pressure vessel, TC on mechanical engineering components with Standard Malaysia and also chaired and published two volumes of Malaysian Energy Efficiency Guidelines for pumps, compressor, boilers, furnace and thermal oil heater for KeTTHA. He is a Certified Trainer by HRDF Malaysia, Certified Professional of Measurement & Verification (CPMV), and national expert in steam, pumps, fans and energy management optimization systems by (UNIDO)

Mr. Kelvin Low graduated in B.E (Hons) from University of Technology Malaysia in 2002 and M.Eng (Electrical Energy and Power System) from University of Malaya in 2012. He has more than 10 years experiences in M&E project management and 13 years extensive experiences in high and medium pressure compressed air system and low pressure blower system. He worked in Atlas Copco Malaysia for more than 7 years involving in compressed air system designing, installation, testing & commissioning, marketing and provide technical solution for various industries segmentation including food and beverage, petrol chemical, oil & gas, cement plant, automobile, electronic/semiconductor as well as gas separation plant etc. He started his own industry facility management & aftermarket sales service company since year 2014. Currently, he is in consultancy & advisory business and is actively providing optimization solution, green/energy saving compressed air solution and system optimization training. His specialties including compressed air system audit and heat recovery system in air compressor. Besides that, he also holds the following competency certificate - Certified Trainer by HRDF Malaysia, Certified Professional of Measurement & Verification (CPMV), National Expert in Compressed Air System and Fan System Optimization by (UNIDO).

SYNOPSIS

The objectives of this course is to introduce and provide understanding of compressed air system; the various air compressors, air storage system, air treatment system, as well as the efficient design consideration of the compressed air system. This course will focus on the system optimization approach on the compressed air system taking into consideration the end use requirement, distribution system and compressed air station supply side management. The system optimization approach provides an overall energy saving besides ensuring the compressed air system performance and reliability. Efficient and reliable compressed air system reduces energy consumption and downtime besides ensuring smooth production and operation in the industrial plants.

In summary, this course will provide the participants with experiences in compressed air system design, selection of air compressor, optimizing compressed air system to improve efficiency and best practices in maintenance and operation to achieve high system reliability. At the end of the course, we hope plant engineers and facility users will be able to optimize the existing compressed air system and reduce the energy consumption hence the cost of energy.

TENTATIVE PROGRAMME

TIME	DAY 1	DAY 2
08:30 – 09:00	*Registration*	
09:00– 10:30	Fundamental of Compressed Air System	Compressed Air System Design
10:30 – 11:15	*Tea Break*	
11:15 – 13:00	Energy Usage and Efficiency	Compressed Air System Optimization
13:00 – 14:00	*Lunch*	
14:00 – 15:30	Compressed Air System Component	Demand Side Management
15:30 – 15:45	*Tea Break*	
15:45 – 17:00	Sizing and Type of Air Compressor Control Method	Best Practices in Operation and Maintenance
17:00 – 17:30	Questions & Discussions	Questions & Discussions
17:30	*End of Day 1*	*End of Course*

IEM reserves the right to postpone, reschedule, allocate or cancel the course

REGISTRATION FORM

2-DAY COURSE ON
"OPTIMIZING COMPRESSED AIR SYSTEM ENERGY EFFICIENCY"

held on 3 – 4 November 2020 at Wisma IEM, PJ
organized by Mechanical Engineering Technical Division (METD)

	ONLINE (Log-in for registration & payment: www.myiem.org.my/member/login.aspx)	**Normal Fee**
IEM Student Member	**250.00**	**300.00**
IEM Graduate Member	**500.00**	**600.00**
IEM Corporate Member	**900.00**	**950.00**
Non-IEM Member	**1400.00**	**1500.00**

No	Name(s)	Membership No.	Grade	Fee (RM)
			SUB TOTAL	
			+ 6% SST	
			TOTAL PAYABLE	

PAYMENT DETAILS :

FULL PAYMENT must be settled before commencement of the seminar, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participant fails to attend the course, the fee is to be settled in full. If the participant failed to attend the course, the fee paid is non refundable. The Registration Fee includes lecture notes, refreshment and lunch.

For **ONLINE REGISTRATIONS**, please note that payment **MUST** be made **BEFORE the closing date**. If payment is not received within the stipulated time, the registration automatically cancels.

Contact Person : _____ Designation : _____

Name of Organization : _____

Address : _____

_____

Telephone No. : _____(O) Fax No : _____(O)

Handphone : _____(HP) Email: _____

_____ _____

Signature & Stamp Date

TERMS & CONDITIONS:

- ONLINE REGISTRATIONS ONLY through IEM Portal
- ONLINE PAYMENT is applicable [via RHB and Maybank2u – Personal Saving & Personal Current ; Credit Card -Visa/Master.
- The Organising Committee reserves the right to cancel, alter, or change the program due to unforeseen circumstances. Every effort will be made to inform the registered participants of any changes. In view of the limited places available, intending participants are advised to send their registrations as early as possible so as to avoid disappointment.

For further details, kindly contact:
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