

## REGISTRATION FORM

Name(s)	Membership No. / Grade	Fees (RM)
Sub Total:		
6% GST Added:		
Total Amount Payable:		

Company: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Mobile: \_\_\_\_\_ Tel(O): \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

(Please write clearly as the "Information Update will be sent via email")

Contact Person: \_\_\_\_\_ Designation: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

### PAYMENT DETAILS

☐ Cash RM \_\_\_\_\_

☐ Cheque no. \_\_\_\_\_ for the amount of RM \_\_\_\_\_  
(non-refundable) and made payable to "THE INSTITUTION OF ENGINEERS, MALAYSIA"  
and crossed 'A/C Payee Only'.

#### Terms & Conditions:

- For ONLINE REGISTRATIONS, only ONLINE PAYMENT is applicable [via RHB and Maybank2u –Personal Saving & Personal Current ; Credit Card - Visa/Master.
- Payment via CASH / CHEQUE / BANK-IN TRANSMISSION / BANK DRAFT / MONEY ORDER / POSTAL ORDER / LO / WALK -IN will be considered as NORMAL REGISTRATION
- For online registrations, please note that **payment MUST be made before the closing date** at the latest.
- If payment is not received and verified within the stipulated time, the registration fee will be reverted to the normal registration fee.
- FULL PAYMENT** must be settled before commencement of the course, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participants fail 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. Registration fee includes lecture notes, refreshment.
- The Organizing 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.



## Half Day Course on Heat Recovery System: Heat Pump

### Hot Water System for Hotel & Hospital

By:

**Mr. Tee Tone Vei**

Date	:	22 <sup>nd</sup> September 2016 (Thu)
Time	:	9.00a.m – 1.00pm
Venue	:	C & S & TUS Lecture Room, 2 <sup>nd</sup> Floor, Wisma Auditorium, Petaling Jaya.

Organized by:

The Institution of Engineers, Malaysia  
Building Services Technical Division

**In Collaboration with**



### REGISTRATION FEES (GST NOT INCLUDED)

Grade	Online Fee	Normal Fee
Student Member	RM 80.00	RM 100.00
Graduate Member	RM 150.00	RM 200.00
Corporate Member	RM 250.00	RM 300.00
Non IEM Member	RM 350.00	RM 400.00

**Closing Date: 15<sup>th</sup> September 2016**

**BEM Approved CPD/PDP Hours: 3.5**

**Ref. No.: IEM16/HQ/275/C**

**6% GST IS BE IMPLEMENTED EFFECTIVE 1<sup>ST</sup> APRIL 2015**

## **SYNOPSIS**

Participants will gain an insight on the working principle of various Heat Pump for Hotel and Hospital can better minimize the operation cost while maintaining the expected outcome. Throughout the session, participants will also expose to the critical criteria in selecting a hot water system and 10 success factors for a system design. To assist the participants in better mastery of the topic, case study on a few significant hotels will be discuss before the session end.

## **TENTATIVE PROGRAMME**

<b>TENTATIVE PROGRAMME</b>	
08.30am – 09.00am	Registration
09.00am – 10.30am	Introduction <ul style="list-style-type: none"><li>- Various Technology for Hotel Hot Water System.</li><li>- Comparison on Operating Cost</li><li>- Comparison on Carbon Dioxide Emission</li></ul> Working Principle of Heat Recovery System <ul style="list-style-type: none"><li>- Ambient Air Heat Recovery System</li><li>- Chilled Water Heat Recovery System</li><li>- Condenser Water Heat Recovery System</li></ul>
10.30am – 11.00am	Tea Break
11.00am – 12.30pm	Success Factors for System Design <ul style="list-style-type: none"><li>- Critical Criteria for Hotel Hot Water System</li><li>- Bio Safety</li><li>- Design Condition VS Capacity</li><li>- Design Condition VS COP</li><li>- Thermal Energy Storage (Calorifier)</li><li>- Pressure &amp; Vacuum Safety</li><li>- Space Saving</li><li>- System Design</li><li>- System Sizing</li><li>- Back Up Solution</li><li>- Control Strategy</li><li>- Total Productive Maintenance</li></ul>
12.30pm – 1.00pm	Q&A Session
1.00pm	End

## **SPEAKER**

With over 20 years' experience in the heating industry, Mr Tee has leveraged his expertise in providing consultancies and in house training on accreditation for laboratories and industry in the ASEAN region. Formerly, he has involved in product and hot water system design for a few renown hotel such as First World Tower 2 Extension, Rasa Sentosa Resort at Singapore, Olympic Village at London and etcetra. Presently, he is an expert committee and Chairman of Heated Appliance Working Group in SIRIM and Department of Standard Malaysia in Safety of Household and Electrical appliance for SIRIM MS and IEC standards. He is also leading Thermo Hygro Consultant Group through professional advice on heated appliance product design and development submission for testing board approval and actively involve in product development and system improvement processes.

### **FOR FURTHER DETAILS, PLEASE CONTACT:**

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