



# THE INSTITUTION OF ENGINEERS, MALAYSIA

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## Technical Talk on Heating Ventilation Air-Conditioning (HVAC) Sea Philosophy

(Organised by Marine Engineering and Naval Architecture, IEM)

BEM Approved CPD/PDP Hours: 2

Ref. No. : IEM19/HQ/055/T

Date : 16<sup>th</sup> March 2019 (Saturday)  
Time : 9.00am – 11.00am (Refreshments will be served at 8.30am)  
Venue : Auditorium Tan Sri Prof. Chin Fung Kee, 3<sup>rd</sup> Floor, Wisma IEM, PJ  
Speaker : Ir. Leong Yeow Kee

### SYNOPSIS

Heating Ventilation and Air Condition (HVAC) is a process which starts with determining the Concept of the system. Factors like the operating environment, acquisition cost, maintenance philosophy and many other factors must be considered carefully. Engineers must also be aware of the rules and regulations relating to living quarters. Engineers will also look into waste heat recovery and environmental issues. Hence, Engineers has to be aware of all the relevant factors. Selecting the right HVAC philosophy would eventually save cost in designing, equipment construction, operations and maintenance of a vessel.

#### Objective of the talk:

1. To guide engineers in developing the concept of HVAC.
2. To prepare a specification for HVAC.
3. To compare HVAC design for sea and land (shore).
4. To guide engineers and consultants to use the right scope to design HVAC

### SPEAKER BIODATA

**Ir. Leong Yeow Kee**, has over 45 years of experience in various field of Engineering (Lead Mechanical Engineer, Acting Engineering Manager in O&G), Ship Repair Engineer/Manager, Pre-& Post Estimating Engineer in ship repair included tender project, Head M&R (MISC Worldwide Container) and Container Logistic He obtained a degree in Bachelor of Science (Mechanical), graduated in the year 1970. Ir. Leong also is a Section Head for Container Maintenance and Repair handling container logistics and covering areas worldwide. He trained all MISC worldwide agencies and M+R Technical Staffs. The MISC ship repair specification was drafted by Ir. Leong. He is a Member of The Institution of Engineers Malaysia.

### FEE ANNOUNCEMENT (Effective: 1<sup>st</sup> October 2017)

#### Members:

- (i) Registration Fee: No Charge
- (ii) Administrative Fee:
  - (a) Online RM15
  - (b) Walk-In RM20

#### Non-Members:

- (i) Registration Fee: RM50
- (ii) Administrative Fee: RM20

- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- To secure your seat, kindly register online at [www.myiem.org.my](http://www.myiem.org.my)

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#### CPD Hours Validation:

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