



**Technical Seminar on R410a & R32 Products Installation,
Maintenance & Trouble Shooting**
(Co-Organized with Acson International)

Date/Day : 7th December 2018
Time : 8.00am – 1.00pm
Venue : Auditorium, UPC

3.5 CPD
(BEM Approved hours)
Ref.No.: IEM18/SWAK/497/S

INTRODUCTION

This seminar will focus on:-

- Basic refrigerant circle & Standard operation pressure, temperature, phase
- Type of refrigerant
- Standard installation method and prevention; and
- Basic troubleshooting

The objective is to give knowledge on installation and maintenance.

ABOUT OUR SPEAKER

Ir. Chua Keng Seng graduated BE (Hons) Mechanical Engineering from University Malaya in 1974. Ir. Chua is a Professional Engineer registered with Board of Engineers Malaysia and Corporate Member of The Institution of Engineers, Malaysia.

Working experiences:-

- A total of 43 years of working experience in the design, specification, procurement, installation, commissioning, servicing, trouble shooting, marketing and sales of air conditioning, refrigeration and ventilation systems.
- 6 years of part-time lecturing to the Final Year Mechanical undergraduates in the University of Malaya (1976 to 1984) on the subject of Air Conditioning System Design.
- 2 years of adjoin lecturing and being an External Examiner for the Final Year Mechanical undergraduates in the University Technology Petronas in Tronoh, Perak.
- Working 9 years with Carrier Malaysia Sdn Bhd as Service Manager and then Engineering Manager from 1974 to 1982.
- Establish his own business by starting up Climate Systems Sdn Bhd in 1982 as shareholder and Managing Director.

- Working as District Cooling System Specialist Consultant for:
 1. OGP Technical Services Sdn Bhd, a Petronas subsidiary in Project Management Consultancy for Putrajaya Precinct 2 Plant with a cooling capacity of 30,000 Rton in the years 2001 to 2003.
 2. Oilcorp Berhad for Putrajaya Precinct 1A Plant in 2004.
- Over 25 years of experience in conducting Public Seminars and Training Courses in the following areas:
 1. District Cooling With Co-generation and Thermal Energy Storage
 2. Energy Conservation & Cost Saving Strategies for Buildings & factories
 3. Effective Maintenance & Trouble Shooting of Air Conditioning Systems in High Rise Buildings
 4. Planning and Designing Air Conditioning Systems for Buildings
 5. Understanding and applying Psychrometrics in Air Conditioning Systems
 6. Cold Room Design, Operation & Maintenance
 7. Fundamental Air Conditioning Design Courses
 8. Design and maintenance of Air conditioning systems for Hospitals

PROGRAMME

08.00am - 09.00am	registration and breakfast
09.00am - 10.30 am	Basic refrigerant circle & Standard operation pressure, temperature, phase
10.30am - 10.50 am	break
10.50am - 11.20 am	Type of refrigerant
11.20am - 12.20 pm	Standard installation method and prevention
12.20 pm - 1.00 pm	Basic troubleshooting & Q&A
1.00 pm	end

**Technical Seminar on R410a & R32 Products Installation,
 Maintenance & Trouble Shooting**

7 December 2018

Auditorium, Ultimate Professional Centre Kuching

REGISTRATION

FEES

IEM Member	RM40.00 per pax
Non IEM Member	RM60.00 per pax

3.5 CPD
 (BEM Approved hours)
 Ref.No.: IEM18/SWAK/497/S

*Limit to the first **THIRTY (30)** registered pax only.

Closing Date for Registration & Payment: WEDNESDAY, 5TH DECEMBER 2018 (not later than 5:00PM) or to the first paid THIRTY (30) pax otherwise whichever come first).

To: Secretariat

The Institution of Engineers Malaysia (Sarawak Branch)

No. 16, Jalan Bukit Mata Kuching

93100 Kuching

Tel: (082) 428 506 Facsimile: (082) 243 718 E-mail: iemsarawak@gmail.com Website: www.iemsarawak.org

No.	Name(s) in CAPITALS	Email Address	IEM No.	Fees (RM)
Total (RM)				

Enclosed herewith, a crossed cheque no.: _____ for the sum of RM_____ issued in favour of **"IEM (Sarawak Branch)"** or **Direct Bank in to The Institution of Engineers Malaysia (Sarawak Branch), Standard Chartered Bank, Account No. 420-1-5651-8528.** I/We understand that the fee is not refundable for no-show/cancellation after my/our registration (is) is/are accepted but substitution of participant(s) will be allowed. The Organizer reserves the right to cancel, alter or change the programme due to unforeseen circumstances. Every effort will be made to inform the registered participants of any changes. **One (1) Tea - Break and One (1) Lunch will be served.**

Name of Department/Organization: _____

Address: _____

Tel (O): _____ Fax: _____ E-mail: _____

Contact Person: _____ Designation: _____

Date: _____

Signature: _____