

REGISTRATION FORM

Seminar On Refrigerant Impact on Global Warming & Sustainable HVAC
Technologies for Green Buildings
30 Nov 2012 (Friday)
Evergreen Laurel Hotel Penang

Name	Designation	ASHRAE No

Organisation: _____

Address: _____

Contact person: _____ Designation : _____

Tel: _____ Fax: _____

Registration fee per participant (meals included):-

ASHRAE Membes RM 100

Others RM 150

Enclosed herewith is our cheque no: _____ of RM _____
being registration fee, made payable to "MALAYSIAN CHAPTER OF ASHRAE" (crossed
cheque account payee)

All registration fees must be fully paid before the commencement of the seminar.
The organizers reserves right to disallow entry for participant(S) who have not paid
their registration fees to seminar.

Signature & Company Stamp

Date

**A Technical Seminar on
Refrigerant Impact on Global Warming & Sustainable
HVAC Technologies for Green Buildings**

**Evergreen Laurel Hotel Penang
30 Nov 2012 (Friday)
2:00 p.m. to 5.30 p.m.**

*In conjunction with Penang ASHRAE Members Fellowship
6:00 p.m. – 8:00 p.m.*

Presented by:

Chew Soon Jin

MASHRAE Member & Past ASHRAE Refrigerant Technical Committee

&

Ir. Ng Yong Kong

GBIF, Regional Vice Chairman (RVC) for ASHRAE CTTC

organised by



**American Society of Heating,
Refrigerating and Air-
Conditioning Engineers, Inc.**

SYNOPSIS OF SEMINAR

SESSION 1: FUTURE OF REFRIGERANTS & IMPACT TOWARDS GLOBAL WARMING

By Chew Soon Jin

Refrigerants – With awareness growing about Global Warming, the use of refrigerants is currently being reviewed again. After the change from CFC to HFC refrigerants due to ozone depletion issues, now Global Warming issues may be affecting replacement HFC refrigerants. Even as new refrigerants are being developed, new directions looking at use of natural refrigerants such as ammonia, propane and CO₂ are being considered. This talk would review highlights of common HFC and natural refrigerants, and how they may impact future refrigeration systems.

SESSION 2: BASIC HVAC TECHNOLOGIES TOWARDS A SUSTAINABLE GREEN BUILDINGS

By Ir. Ng Yong Kong

The talk focus on the types of HVAC systems used and the various technology and practical strategies available for a Green and sustainable building. It will also touch on the latest development on standards used for a Green and Sustainable design.

BIODATA OF SPEAKERS

Chew Soon Jin is the CEO of NRS Process Systems, and he has been involved in design/engineering of custom designed system packages for Cooling, Freezing and Gas Compression applications for more than 25 years. Many of his projects involves ice Thermal Energy Storage, IQF Freezers, Fluid Chillers and Large Refrigerated Warehouses including Natural Gas Packages for use in the industrial manufacturing environment for food, chemical, oil & gas sectors using HFC or natural refrigerants. Mr Chew has been an ASHRAE member for more than 25 years and regularly conducts training schools on industrial refrigeration systems, and provides System/Energy Audits for many MNCs. Mr Chew is also a Vistage member.

Ir. Ng Yong Kong, P.Eng, GBIF, Regional Vice Chairman (RVC) for ASHRAE CTTC. He holds a Degree in Mechanical Engineering from the University of Malaya (KL) in 1985 and has more than 28 years of experience in the HVAC industry. He had lectured for JKR, ASHRAE Malaysia Chapter, the Association of Consulting Engineers, Malaysia (ACEM) and IEM for the past 18 years on Air Conditioning System Design, Indoor Air Quality and Energy Saving systems. Ir. Ng Yong Kong was one of one of the working group members for the MS1525:2012 & MS 2449 - Chiller Standards for SIRIM. He was the Board member for the Malaysia Green Building Confederation (MGBC), committee member of the Building Services Technical Division, IEM and is currently ASHRAE Region 13, Regional Vice Chairman for Chapters Technology Transfer Committee (RVC CTTC) and a panel judge member for ASHRAE Technology Award for the year 2010-2013 & Emersion Cup 2012. He is also a member of the ASHRAE Indoor Air Quality Steering Committee 2010 and is currently the Malaysia Green Building Index Facilitator (GBIF), trainer and examiner on HVAC and Indoor Environmental Quality.

PROGRAMME

02:00 pm – 03:15 pm	Session 1 Chew Soon Jin FUTURE OF REFRIGERANTS & IMPACT TOWARDS GLOBAL WARMING
03:15 pm – 03:45 pm	Tea Break
03:45 pm – 05:00 pm	Session 2 Ir Ng Yong Kong BASIC HVAC TECHNOLOGIES TOWARDS A SUSTAINABLE GREEN BUILDINGS
05:00 pm – 05:30 pm	Questions & Answer Session

Who should attend

Professional Engineers, Consultants, Developers, Contractors, Manufacturers, Building Managers, Government Officers and Employees (public and private sector).

Language

English will be used for the course and course materials.

Registration Fee

ASHRAE Member	RM 100 per person
Others	RM 150 per person

Registration fee must be submitted together with the registration form. All fees are payable in Ringgit Malaysia by crossed cheque to "MALAYSIAN CHAPTER OF ASHRAE"

Fee will not be refunded for any cancellation. However, substitution of participants can be arranged by informing the organizer before the event.

Completed registration form and registration fee should be returned to the *Seminar Secretariat* by **Monday 26 NOV 2012** to:

Penang ASHRAE Seminar Secretariat
ASHRAE Malaysia Chapter
c / o NRS PROCESS SYSTEMS SDN BHD
9-B Lorong Abu Siti, 10400 Penang
Tel: 04-2267 985 **Fax:** 04-2267 961 Email: khloh@nrs.com.my

For further enquiries, please contact:

- Ms K H Loh (04 2267 985) Seminar Registration / Administration
- Mr. Alex Chai (012-2200165) MP Chair MASHRAE
- Ms. Jessie Chong (012-2861319) Secretary MASHRAE