

Natural & Flammable Refrigerants 2020

Many **HFC** refrigerants with high Global Warming Potential (**GWP**) that impacts **Climate Change** are being “**Phased-Down**”.

As no perfect refrigerant yet exist, **natural** and **low-GWP refrigerants** are leading the change for a more **sustainable** or **future-proof** refrigerants.

This webinar discusses about the benefits and challenges of using **natural** and new **low-GWP refrigerants** under **ASHRAE 15-2019** and **IIAR 2-2014** guidelines for **A3** (flammable), **A2L** and **B2L** (slightly flammable) including training of service personnel on the **safe use** of these refrigerants in cooling or freezing systems for home, offices and industry.



Who Should Attend

For designers, facility owners and technical personnel who are planning or using cooling or freezing systems at their facility by experienced speakers.

Course Topics

- Refrigerants & Climate Change
- Why Natural Refrigerants
- Ammonia Refrigerant
- HFC, HFO & HC Refrigerants
- Flammability Issues
- Leak Detection & Ventilation
- Overall Safety
- Certified Service Personnel Program (Malaysia)

Course Date & Fee

Nov 28, 2020

9:30AM – 12PM

US\$ 20 / Pax

Course Platform

ZOOM Webinar



Register Here



www.ashrae.org.my



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ASHRAE MALAYSIA CHAPTER

About the **Speakers**



Mr Chew Soon Jin

Mr Chew is the CEO/Technical Director of **NRS Process Systems** in Malaysia and has over 30 years of design experience with natural refrigeration systems, especially ammonia. He is the Refrigeration Chair, MASHRAE 2019-2020, and a member of IIAR and Eurammon.



Ir Arnold Cabuay

Ir Arnold Cabuay is the Country Manager of **NRS Process Systems** in the Philippines, and has over 30 years of design experience with refrigeration systems. He is the Refrigeration Chair 2014, ASHRAE Philippine Chapter, and 2013-2014 Technical Director, PSME QCC Chapter.



Mr Kenneth Leong

Mr Kenneth Leong is the Business Manager for **Gensis** Sdn Bhd and is the authorised distributor for Honeywell Refrigerants in Malaysia since 2009. Kenneth has over 26 years of experience in the HVAC/R industry. Mr Kenneth has been through the many phases of phaseout from CFCs to HCFCs and now, HFCs.



Dr Azman Hussin

Dr Azman Hussin is a certified master trainer at the **Industrial Training Institute**, Malaysia. He earned BsME (Hons) from UTM Malaysia, and PhD on Renewable Energy from UKM Malaysia. Dr Azman is also a registered international expert on HVAC (Green) GIZ (Germany), and has expertise in CFD for HVAC applications and handling HC refrigerants since 2014.