

# **Technical Seminar on an Energy Saving Solution and Site Visit - “Plate-tube Liquid Film Evaporative Technology with UV Disinfection System”**

Organizer: HKIE - Gas & Energy Division

Supporting Organization: HKIFCHEA, HAESCO

## **Date, Time & Venue**

04 January 2020 (Saturday) 9:30 – 13:30

Seminar Venue: Lounge Area, 20/F, Towngas Headquarters, 363 Java Road, North Point

Site Visit: WSD E&M Factory at Lung Cheung Road Kowloon

\*\*Remarks: Transportation for site visit will be provided.

## **Programme Highlights:**

The Plate-tube Liquid Film Evaporative Technology was invented by Dr Li Zhi Ming in early 2000's and later obtained worldwide patent. This new technology has been successfully applied to provide cooling of condenser by direct spray of water on the condenser so then the cooling effect of the system is highly improved. It is a highly energy efficient alternative to the traditional air-cooled and water-cooled condensed chillers, with saving of energy over 35% and 15% respectively.

Ultraviolet Disinfection System equipped with water treatment device is specially designed for water-cooled condensed chiller for sterilization of the system to ensure the hygiene of circulation water without Legionella and Sale & sludge. It is a physical disinfection technology, mainly to destruct the microbial DNA and interferes with its replication and transcription.

The speakers will share their experience with the members and guests' experiences in this all in one compact design with safely and highly energy efficient refrigeration technology.

## **Speakers**

- 1) Mr K. L. Wong, MSC (FM), C Eng, MCIBSE, REA, Director of Tritech Environment Technology Co. Ltd.
- 2) Mr Maurice Lee, MBA, UV Expert with solid experience in UV application development projects
- 3) Mr P L Ho, Director of Ecoool Air Co Ltd

## **Language**

Power point in English and Presentation in Cantonese

## **Rundown**

09:15 – 09:30 Registration

09:30 – 11:00 Seminar

11:00 – 11:30 Q&A and Refreshment Break

11:30 – 12:00 Travel to Site WSD E&M Factory at Lung Cheung Road

12:00 – 13:00 Site Visit

13:00 – 13:30 Dismiss at Kowloon Tong MTR Station

## **Registration & Enquiries**

The number of participants is limited to 40. Applications will be accepted on a first-come first-served basis with priority given to HKIE-EG members. CPD certificates will be provided.

Please register via the following link: <https://forms.gle/qMgYiQMUWGGESyPU9>

by **29<sup>th</sup> Dec 2019 (Sun)**.

Successful applicants will be notified by email individually.