

Organizers:



Technical Seminar on “Environmental Control in High Performing Buildings”

Date : 28 August 2014 (Thursday)
Time : 7:00 – 9:00pm (Registration will start at 6:30pm)
Venue : CPD-1.24, 1/F, HKU Centennial Campus, The University of Hong Kong

Background:

ANSI/ASHRAE Standard 62.1-2004, in its current form, employs two procedures to provide acceptable indoor air quality (IAQ) in buildings. These are the Ventilation Rate and Indoor Air Quality (IAQ) Procedures. This standard further endeavors to achieve the necessary balance between IAQ and energy consumption by specifying minimum ventilation rates and IAQ that will be acceptable to human occupants. Air Handling Unit design requires that proper selection of air filters be considered to not only maintain adequate IAQ, but minimize static pressure drop and therefore AHU operations cost.

Nationwide, HVAC designers have recently included more outside air, up to 60 cfm/person, to meet IAQ concerns through dilution. Complicating the dilution strategy are ASHRAE 90.1 guidelines calling for higher efficiency in building design. Recently, the use of outside air has taken on a more serious element, as designers are asked to protect buildings from potential “extraordinary circumstances” that could come in the form of chemical or biological contaminant released close to a building air intake system.

This technical seminar will highlight environmental control system how to apply in high performing buildings.

Honorable Speaker:



Brian P. Monk, P.Eng

Brian Monk is responsible for UTC Climate-Control-Security Custom Air Handling Solutions, specializing in design of air treatment systems, including airborne contaminant control and dedicated outdoor air systems with energy recovery.

Previously Mr. Monk was Director of Sales / Marketing for Carrier Corporation’s custom air handling division. During this period Mr. Monk was also an instructor for Carrier University’s Sustainability Symposiums under the International Association for Continuing Education and Training (IACET) program which provides CEU Credit for Professional Engineering Licensure in the USA.

From 1997 to 2005, Mr. Monk was the Vice-President of Sales / Marketing for Dectron International Inc., specializing in the manufacturing of dehumidification / molecular filtration systems for commercial and industrial environments. His primary responsibilities were to establish and maintain a sales distribution network throughout the Americas’, Middle East and Europe. His academic background comprises of a college degree in Applied Science (Building Systems Engineering Technology) from Vanier

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College of Montreal and a Bachelor of Building Engineering from Concordia University of Montreal. He is a Registered Professional Engineer with the Province of Quebec, Canada, and the Association of Professional Engineers and Geoscientists of British Columbia, Canada.

Mr. Monk is an ASHRAE Distinguished Lecturer, Member of Committee TC 2.3 Gaseous Air Contaminant Removal Equipment, and TG HVAC Security. He is also Part-Time Professor at Concordia University, Montreal, Canada, in the Faculty of Building, Civil and Environmental Engineering.

Language: English

Fee: Free of charge

Remark: 2-hour CPD certificate will be provided.

Registration & Enquiry:

Open to all interested persons, but priority will be given to members of organizers. Number of participants is limited to 100 persons and prior registration is required. For registration, please complete Registration Form in the following "[On-Line Registration Link](#)". Only the applications from the members of Organizer will be accepted. The deadline of application is on 22 August 2014. Successful members will be notified by e-mail on or before 26 August 2014, which has to be presented at the registry of the venue entrance for verification. If the applicants have not received the confirmation e-mail on or before 26 August 2014, their applications will be regarded as not successful.

If typhoon signal no. 8 or black rainstorm signal is in force and still hoisted after 5:00 pm of 28 August 2014, the talk would be cancelled without further arrangement or notification.

For enquiry, please contact Ms. Sabina Chung at 9681 8619 or email to SabinaC@hcg.com.hk.