

Co-organisers:



Technical Seminar on ASHRAE 90.1 Energy Standard & Engagement in Energy Performance

(BEC IEE Course Code 83114)

Jointly organised by

ASHRAE Hong Kong Chapter
Business Environment Council Institute of Environmental Education

Course Description

Significant increase of the energy efficiency in buildings could be achieved by implementing advanced building technologies. Good energy-efficient building designs are also very important. ASHRAE Standard 90.1 has been a benchmark for commercial building energy codes and standards around the world for more than 35 years. It provides the minimum energy-efficient requirements for both new and existing buildings as well as the corresponding compliance requirements. The latest version of Standard, 2013, contains dramatic changes that all certifying professionals should know. This 3-hour-long course introduces the advanced energy-efficient building technologies, addresses the opportunities and challenges in meeting new energy codes and many 'beyond code' programs such as LEED, Green Globes and other green building programs, and highlights the latest changes of ASHRAE Standard 90.1:2013.

Content

Session 1: Why Buildings Matter and the Role of ASHRAE 90.1 (Commercial Buildings)

- Highlights of new features and requirements of Standard 90.1:2013 such as revised building envelope provisions
- Connections between buildings and their energy use and other social and environmental objectives
 - Such as peak power, water consumption, carbon emissions and other connected issues

Session 2: ASHRAE Engagement in the Energy Performance of Residential Buildings

- Advanced building technologies for energy efficiency in both new and existing residential buildings
 - Such new lighting, fenestration and glazing technologies, insulation innovations, air sealing and advanced HVAC systems and new diagnostic tools
 - Challenges in meeting the new energy codes and 'beyond code' programs

Date, Time & Venue

Date : 26 August 2015 (Wednesday)
Venue : BEC Auditorium, 77 Tat Chee Avenue, Kowloon Tong, HK (close to Kowloon Tong MTR Station Exit C1)
Time : 14:30 – 17:30

Speaker

Mr R. Christopher Mathis, President of MC2 – Mathis Consulting Company, Asheville, NC

Mr Mathis has spent the past 30 years focusing on how buildings and building products perform – from energy efficiency to code compliance to sustainability and long-term performance durability. He is an active participant in Standards and Code development at ASHRAE, NFRC, ASTM and the ICC, as well as other non-profit organisations. He is a 30-year member of ASHRAE and he served 10 years on Standard 90.1 development committee and remains an active participant in its development. He has also been a member and active participant in Standard 90.1 and 90.2, energy consultant of Standard 189.1 and the Chapter Technology Transfer Committee. He has been recognized as an ASHRAE Distinguished Lecturer, conducting seminars on a variety of building science, energy efficiency and



sustainability topics across the US and worldwide. He is a 30-year member of ASTM, he currently chairs E06.51.11 and the Built Environment Advisory Committee at ASTM, as well as a member of committee C16. He has published numerous technical papers at ASHRAE and guidebooks, and presented his work at a variety of national and international conferences.

Media

English.

Fee

	Members of Organisers	Members of Supporting organisations	Others
Fee	\$300	\$400	\$500

Certificate

A Certificate of Attendance is awarded to each attendee.

Registration

Registration will be on a first-come-first-served basis (priority will be given to member of Organisers and Supporting organisations) via Business Environment Council Institute of Environmental Education (BEC IEE). Please complete the [application form](#) and send to BEC IEE by Email (beciee@bec.org.hk) or Fax at 2784-6699.

Enquiry

Please contact Dr Veronica Chan (BEC IEE) by Email: beciee@bec.org.hk or Tel: 2784-3937.

Supporting Organisations

