

ACRA/CIBSE Technical Workshop

- Title:** **Building Energy Code Development & Practice**
- Date/Time:** 8, 15, 22 & 29 September 2011 (Thu), 6:30 pm – 9:30 pm (lectures for four evenings)
- Venue:** Lecture Theatre – Hong Kong Productivity Council
1/F, HKPC Building, 78 Tat Chee Avenue, Kowloon Tong, Kowloon.
- Description:** **What You Will Learn**

The Bill has been gazette as the Building Energy Ordinance (BEEO) in Dec. 2010. However, our Government provides a grace period to allow various stakeholders and public ample time to be adapted to and familiarized with the requirements of the Ordinance. It would be fully implemented in the second half of 2012.

The Codes specify basic energy efficiency standards for four major types of buildings services installations – air-conditioning, electrical, lift and escalators, and lighting installations. New public and private buildings covered by the Ordinance need to declare at the design and occupation approval stages that relevant requirements have been met. Buildings services installations at new buildings under the coverage of the Ordinance are required to comply with the Codes at all times.

Existing buildings are also required to enhance energy efficiency when undergoing major retrofitting works. The commercial buildings and commercial portions of composite buildings are further required to carry out energy audits once every ten years. The results of energy audits should be exhibited in a conspicuous position at the main entrance of the buildings.

It is a great opportunity for you to understand the details of this Ordinance in advance through this Workshop.

Course Content

1. *BEC Development history*
 - *From Voluntary to Mandatory Stage*
 - *Comparison various Energy Codes in other Countries*
 - *Review the Code of Practices of BEC (A/C and Electrical)*
2. *Energy Audit Techniques*
 - *Review the Code of Practice for Energy Audit in Buildings*
 - *Cases Studies and Experience Demonstration*
3. *New Technologies Application in Green Building*
 - *Role of BEC in Green Building*
 - *How Latest Technologies contribute to BEC and Green Building*
 - *EMO identifications in different Premises*
 - *Innovation Design, Systems and Products*
4. *Outlines of Government and Utilities Assistant Energy Saving Funds*
 - *ECF, BEEO and EE Loan*
 - *Outlines of their Application Procedures and Key Objectives*

Who Should Attend

- engineering graduates and technicians working in the HVAC&R industry and related fields;
- experienced engineers entered the HVAC&R industry from other engineering fields; or
- other professionals who want to increase their knowledge of Green Building design.

Ir Dr. Sam C. M. Hui

PhD, BEng(Hons), CEng, CEM, MCIBSE, MHKIE, MASHRAE, MIESNA, LifeMAEE, Assoc AIA

Ir K K Lam

*BSc, PGDMS, PGDEE, C Eng, FCIBSE, MHKIE
Social Secretary CIBSE HKB,
Adjunct Professor, HKU*

Ir KF Tsui

MSc(Eng), BEng(Hons), MCIBSE, MHKIE, MASHRAE MAEE, MHKAAE

Ir Victor Leung

MBA, BEng(Hon), CEng, MCIBSE, MHKIE, MIMechE

Ir Ian Lee

MBA, BEng(Hons), CEng, MCIBSE, MHKIE, MASHRAE, MEI, RPE, CAP

Ir Stanley Chow

MSc(Env), BSc(Env), CEng, MCIBSE, MHKIE, BEAM Pro

Ir Dave Chan

MBA, BSc(Eng), MASHRAE

Mr. Glorisun Wong

BEng(Hons), MBA, CEM, MAEE, LEED AP BD+C, BEAM Pro BD+C

Ir Victor Wong

BEng.(Hons), MBA, RPE, CEng, FSOE, MSOMES, MIMechE, MHKIE, MCIBSE, LEED AP BD+C, BEAM Pro, Registered Energy Assessor

Language: Cantonese with Supplement English Terms

Application: Open to all interested persons. Please complete and return the application form by e-mail/post and send the crossed cheque via post before **31 August 2011**. Number of participants is limited. Places will be allocated on a first-come-first-served basis. Successful applicants will be informed individually by e-mail / phone.

Application Form: Building Energy Code Development & Practice

Name (Dr/Mr/Mrs/Ms/Ir) : _____

CIBSE Membership : Class: _____ No.: _____

ACRA Membership : Class: _____

Company/School : _____

Contact Address : _____

E-mail Address : (Required) _____

Contact Numbers : (Tel/Mobile) _____ (Fax) _____

[* Course fee includes refreshments, lecture notes]

Course Fee (CIBSE/ACRA Member) - \$2,000 x _____ person (cheque no.: _____)

Course Fee (Non-Member) - \$2,500 x _____ person (cheque no.: _____)

Enquiries: For inquiries, please contact us at email info@acra.org.hk or secretariat@cibse.org.hk

Registration: The application form and crossed cheque with appropriate payment in Hong Kong dollars payable to "**The Hong Kong Air Conditioning and Refrigeration Association Ltd.**" shall be sent to **Room 1801, Tung Wai Commercial Building, 109-111 Gloucester Road, Wanchai, Hong Kong**, before **31 August 2011**. The applicant may e-mail the above information to info@acra.org.hk for place reservation and then followed by cheque payment via mail.