

Co-organizers:



Asian Institute of Intelligent Buildings
亞洲智能建築學會



Building Services Operation and
Maintenance Executives Society
屋宇設備運行及維修行政人員學會



Technical Training Course

Readiness for Implementation of Building Energy Efficiency Ordinance

On 2 August 2012

Course Outline:

Asian Institute of Intelligent Buildings (AIIB), Building Services Operation and Maintenance Executives Society (BSOMES), The Hong Kong Institution of Engineers – Control, Automation & Instrumentation (HKIE - CAI) and Hong Kong Institute of Vocational Education (Morrison Hill) (IVE - MH) jointly organize a one-day Technical Training Course on “Readiness for Implementation of Building Energy Efficiency Ordinance” on 2 August 2012.

The Buildings Energy Efficiency Ordinance (Cap. 610) (Ordinance) had been enacted in November 2010, and will come into full operation on 21 September 2012. The objective of the Ordinance is to require the compliance with EMSD’s Building Energy Code (BEC) for energy efficiency of building services installations and Energy Audit Code (EAC) for energy audit. The course will briefly introduce the frameworks, the control regime and compliance requirements of the Ordinance, as well as giving an overview of the condensing a green and intelligent building.

Who Should Attend?

The contents will be useful for engineering graduates and technicians who are working in HVAC&R industry and other related fields. Experienced engineers would like to have/gain more knowledge of Green Building Index; other professionals want to increase their knowledge of Intelligent Buildings for design and compliance of Building Energy Efficiency Ordinance, BEEO.

Supporting Organizations:



ASHRAE Hong Kong Chapter



香港能源工程師學會
Hong Kong Association of Energy Engineers



The Hong Kong Chapter of
International Facility Management Association
國際物業設施管理協會香港分會



engineering success
soe hong kong region
香港工程師學會 區域分會

Co-organizers:



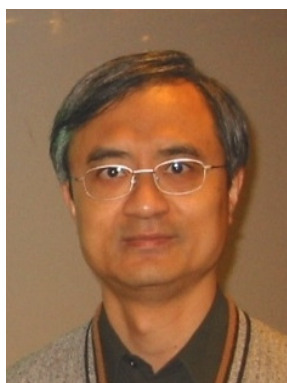
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About the Speakers:



Ir David LI

MHKIE

Ir David Li is an engineer with EMSD. He has over 20 years experience in building services design and project management of a wide variety of government premises. Ir Li has actively involved over the past few years in technically supporting the development of the Ordinance, served the Technical Taskforce for developing the BEC, and played a prominent role in soliciting and consolidating views from Taskforce members and the public in finalizing the Ordinance and the BEC contents.

In addition, Ir Li has conducted research & study of overseas BEC, and has published papers & conducted technical talks on the Ordinance and the BEC.



Ir Victor WONG

BEng.(Hons), MBA, RPE, CEng, CEnv, FSOE, FIPlantE, MBSOMES, MIMechE, MHKIE (CAI, MCL), MCIBSE, LEED AP BD+C, BEAM Pro, CEM, REA

Ir Victor Wong currently holds the position as Senior Manager of Trane Service Hong Kong. Mr. Wong has established a career in the BS Industry for over 20 years. His primary corporate responsibilities include Energy Audit Work, Project Management, and Air Conditioning System Application Training.

He is also a committee member of Technical Taskforce on Mandatory Implementation of BEC in Energy Audit Team.

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Ir Kelvin TANG

BEng (Hons), MEng (BS), MAGBM, MHKIE (CAI, ENV, MCL), RPE, CEng, CEnv, FAIIB, FSOE, FIPlantE, SMCMES, BEAM Pro

Ir Kelvin Tang is a manager of Trane Hong Kong, which is a division of TYS Limited, a joint venture between Trane and Jardines. Beginning his career in 1992, he has actively involved in HVAC&R industry. He also has a strong technical background in the study of energy efficiency in Building Service Engineering, System Control and Environmental fields and has actively engaged in promoting sustainable & intelligent building technology in the industry.

He is currently a Vice Chairman of Executive Committee in Asian Institute of Intelligent Buildings (AIIB), Head of Sustainability Development Specialist Group in the Society of Operations Engineers (SOE) and a Committee Member of Hong Kong Institute of Engineer (HKIE) – Control, Automation & Instrumentation Division.



Mr. Cary KWAN

BEng (Hons), FBSOMES

Mr. Cary Kwan currently holds the position as Project Manager (Building Services) of The Hong Kong Jockey Club. Cary has been working in the Building Services Industry for over 25 years. His experiences are including operation, maintenance, planning, design and project management of building services system.

He is also a task force member of Technical Taskforce on Mandatory Implementation of BEC in Performance Based Team.

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Mr. Conson YU

MSc, BSc (Hons), MAEE, FAIB, MASHRAE, MBSOMES, FHKAEE, AMHKIE, MHKMA, FCIPHE, MIPlantE, MSOE, RSC(V), Licensed Plumber (Grade I), REW, RFSl (Class 3)

Mr. Conson Yu has more than thirty years experience in the E & M industry particularly in air-conditioning area as he holds an air-conditioning company over 28 years. Mr. Yu is one of the Executive Committee member and Training Sub-committee Chair of Asian Institute of Intelligent Buildings (AIIB). He is familiar with the AIIB Intelligent Building Index (IBI). Mr. Yu

has also the Director of Hong Kong Association of Energy Engineer (HKAEE) and The Association of Energy Engineer – Hong Kong Chapter (AEE-HKC) and the Committee Member of The Chartered Institute of Plumbing and Heating Engineering – Hong Kong Branch (CIPHE-HKB). He currently serves on public services by proposed to sit Board of Contractors Registration Committee (General Building Contractors/Specialist Contractors) for Building Authority (BD); by invited to join Member of Electrical & Mechanical Services Industry Training Advisory Committee (ITAC) and Recognition of Prior Learning (RPL) Subcommittee for Education Bureau (Qualifications Framework); Employees Retaining Board (ERB) Committee Member and Technical Advisor (Electrical & Mechanical Services); and invited as Committee Member of Integrated Vocational Development Centre (IVDC) for Vocation Training Council (VTC).



Ir Eagle MO

Msc, BEng (Hons), FSOE, MHKIE (BSS), MASHRAE, RPE, BEEF-QSP, BEAM Pro, REA

Ir Eagle Mo was past president of ASHRAE Hong Kong Chapter (2010-2011), she founder of Telexmax Environmental and Energy Management Ltd (TEEM), with more than 15 years of building services consultant and energy management experience or various kind of buildings, including energy review, life cycle cost calculations, energy audits, energy saving system design and project management, LEED and HK BEAM. She has completed more than 40 nos. of energy projects within these 15 years.

She is also a visiting Lecturer of the department of Building Service Engineering, The Hong Kong Polytechnic University currently.

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Course Contents

Date: 2 August 2012 (Thursday)

Time: 8:45 a.m. - 5:00 p.m.

Venue: LT-02, IVE (Morrison Hill), 6 Oi Kwan Road, Wan Chai, Hong Kong

8:45-9:00 a.m.	Registration
9:00-10:00 a.m.	BEC Requirement for Engineers – <i>Ir David Li</i>
10:00-10:15 a.m.	Group Photo/Presentation
10:15-10:30 a.m.	Break
10:30-11:15 a.m.	Energy Audit for the Building – <i>Ir Victor Wong</i>
11:15 a.m.-12:00 p.m.	Retrofit a Traditional HVAC System to High Efficiency Variable Primary Flow HVAC System – <i>Ir Kelvin Tang</i>
12:00-12:30 p.m.	Q&A
12:30-2:00 p.m.	Lunch*
2:00-2:45 p.m.	Operation and Maintenance Consideration to meet BEC Requirement – <i>Mr. Cary Kwan</i>
2:45-3:30 p.m.	Intelligent and Green Building Index – <i>Mr. Conson Yu</i>
3:30-3:45 p.m.	Break
3:45-4:30 p.m.	LEED vs BEAM Rating – <i>Ir Eagle Mo</i>
4:30-5:00 p.m.	Q&A

**self arrangement*

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General Information:

Venue: LT-02, IVE (Morrison Hill), 6 Oi Kwan Road, Wan Chai, Hong Kong

Language: Cantonese with English terms as supplement.

Registration: It is a first-come-first-served basis.

Please return the completed Registration Form by fax or email (fax: 852-35851267 or e-mail: joanna.wong@nixontcl.com) for reservation on or before **25 July 2012**.

Fee: HK\$300 per participant for a member of AIIB, BSOMES, HKIE, VTC staff or Students

HK\$350 per participant for Supporting Organizations

HK\$500 per participant for a non-member

(The above prices include two refreshments but exclude the lunch)

Certificate: Attendance Certificate (6-hour CPD) will be issued to each participant after the completion of the course.

Enquiry: Ms Joanna Wong
(Tel: 852-2892 2188 or e-mail: joanna.wong@nixontcl.com)

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Readiness for Implementation of

Building Energy Efficiency Ordinance

on 2 August 2012

To: Ms. Joanna Wong (fax: 852-3585 1267 or e-mail: joanna.wong@nixontcl.com)

REGISTRATION FORM

(Please reply before 25 July 2012.)

*Name: (Dr. / Ir / Mr./ Ms.): _____

(The above name will be printed on our attendance certificate.)

Job Title: _____

Company: _____

Membership No.: (Please specify if applicable): _____

Address: _____

Office Tel: _____

*Mobile Phone: _____

Fax: _____

*E-mail: _____

Amount: HK\$ _____

* Cheque No.: _____

* The fields **MUST** be filled

****Confirmation will be notified by e-mail once the registration is confirmed. Cheque payment should be made payable to “Asian Institute of Intelligent Buildings Limited” and sent to Asian Institute of Intelligent Buildings, PO Box No. 777, General Post Office, Hong Kong, attention to Ms. Joanna Wong on or before 25 July 2012.**

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