Training Course on Energy Efficiency in Buildings

Date of Course   8 (Tues) and 9 (Wed) March 2016

Course Aim

To provide students with knowledge to familiarize with the energy efficiency in buildings with respect to types of renewable energy and their technologies, and cases in Hong Kong, China and overseas countries. Energy consumption indicators and application of energy efficiency in building, as well as their conservation/saving technologies, energy audit and analysis will be taught.

Course Topics

First Day:

1. Renewable energy and energy conversion technologies:

Wind, solar, hydroelectric, biowaste energy technologies; projects in Hong Kong, Mainland China and overseas, advantages and problems

2. Energy saving in air conditioning and ventilation;

   Demonstration of wind energy and natural ventilation;

   Air conditioning system efficiency, natural ventilation ;

   Ventilation prediction by wind tunnel test, site measurement and computer model.;

   Sustainable building design guideline by Planning Department;

   Air ventilation assessment for new development.

3. Application of energy efficiency and conservation technologies in public and

   private sectors;

   Optimizing the performance of electrical appliances, products and systems;

   Design principles to minimize energy use in buildings and devices.

Second Day:

4. Detailed calculations to cover all the items under Energy Use of BEAM Plus

   assessment for new building;

5. Building Energy Code 2014 Revision

6. Case Studies on Science Park, Zero Carbon Center, EMSD Headquarter, and Green Buildings in Hong Kong.

Lecturer

Dr. C F Ng

Education and Professional Qualifications

Ph.D. Sound and Vibration Engineering, University of Southampton, UK

M.Sc. Aeronautical Engineering, Imperial College, University of London

B.Sc. (Eng.) Mechanical Engineering, University of Hong Kong

H.K.I. E. member (Environmental division)

H.K. Institute of Acoustics member

BEAM Pro.

Dr. Ng had taught in the Department of Civil and Environmental Engineering in the Hong Kong Polytechnic University for over 20 years before setting up his own consultancy company, C. F. Ng & Associates Limited in 2013. He has also conducted research on energy performance of new window design and taught courses in environmental control and sustainable development and green building design.

Dr. Ng has rich knowledge in the energy efficiency design and its application in buildings. His environmental consultancy projects included the air ventilation in building, study on the heat recovery system of air conditioners ; ventilated window design for energy saving and measurement for the hostel of The Hong Kong Polytechnic University. He has conducted wind tunnel test, site measurement and computer model for local wind environment and micro-climate studies. He was also BEAM consultant for several residential and educational projects.

Integrated building design for wind power

Organizer	**LNS Ltd**
Date	8 and 9 March 2016
Time	9:00 a.m.-5:00p.m.
Venue	Best Western Plus Hotel Hong Kong. 308 Des Voeux Road West, Hong Kong
Class Size	35 maximum
Working Language	Cantonese with English presentation materials
Registration	Please send the registration form by email to: event@lns.com.hk
Early Bird Deadline	8 Feb 2016
Application Deadline	22 Feb 2016
Payment Methods	Cheques should be made payable to

LNS Limited
Please send the cheque to the following address and indicate the name(s) of the participant(s) in the letter:

Room 1104, Crawford House,
70 Queen's Road Central, Central,
Hong Kong. |
| **Enquiry** | Tel: 2376 4964
Email: event@lns.com |

Registration Form
Training Course on Energy Efficiency in Buildings

Surname	(Mr / Ms)
First Name	
Organization/Company	
Position	
Correspondence Address	
Dates of Course	8 and 9 March 2016
Early Bird Course Fee per head (registered on or before 8 February 2016)	HK$3,600 (12 CPD hours)
Course Fee per head	HK$3,900 (12 CPD hours)

Email Address		**Tel:**
Payment:	Bank Name:	**Cheque No.:**
		Amount $:

Personal Data

Reply slip from Personal Data Subject

Yes, I (Name)_____agree to give consent to LNS to use my personal data above to receive email from LNS regarding this course and marketing information of future events e.g. conference, training course, seminars, forums and site visits.

No, I (Name)_____ do not want to receive any direct marketing information of LNS's training course and events.

Date   _____

Terms of Conditions

1. Reigstration is on a first-come, first-served basis.
2. All cheques shall be crossed and made payable to the Organizer "LNS Limited" to confirm registration and are subject to bank clearance.
3. There is no refund for cancellation of booking initiated by applicant. However, the registration may be transferred to another person from the same company or organisation at no extra charge by notifying the Organizer at least 3 days prior to the commencement of the course.
4. The Organizer reserves the right to cancel the courses should there be insufficient applicants or for other reasons. Course fee will then be refunded 100%.
5. All applicants will be informed well in advance should there be any change of course dates due to unforseen circumstances.
6. Applicants will be notified by email to confirm successful registrations. An official receipt will be provided after receiving payment.
7. Applicants are expected to attend the course at the place and time notified by the Organizer.
8. Before the course commences, if Typhoon Signal No.8 or above/Black Rainstorm Warning is in force; or Typhoon Signal No. 8 or above will be hoisted within 2 hours, the course will be cancelled. The course will be held as scheduled if Typhoon Signal No.8 or above/Black Rainstorm Warning is lowered at or before 7:00 am. The afternoon session of the course will be held as scheduled if Typhoon Signal No. 8 or above/Black Rainstorm Warning is lowered at or before 12:00 p.m.