

INTENSIVE TRAINING ON ACOUSTICS IN GREEN BUILDINGS

(COURSE CODE: 86109)

16 & 23 April 2018, 19:00 – 21:00
26 April 2018, 19:00 – 21:30

BEC Headquarters, 77 Tat Chee Avenue, Kowloon Tong, Hong Kong

With growing economy, dense urban development and increasing population, Hong Kong is facing serious noise problems. Acoustics is also one of the important aspects in green building assessment and is often cited as one of the challenges of ventilation strategies. With a better understanding of acoustics issues, building practitioners can know how to assess, control and manage. By joining this intensive training, organised by Business Environment Council Institute of Environmental Education (“BEC IEE”), BEAM Society Limited (“BSL”) and Hong Kong Institute of Acoustics (“HKIOA”), you will know the essential knowledge of acoustics such as architectural acoustics design, related statutory requirements and BEAM Plus submission requirements.

Session 1 – Noise Assessment, Control and Management

16 April 2018 Monday, 19:00 – 21:00

Speaker: Ir C K Lee, HKIOA



- Introduction of Noise Control Ordinance
- Determination of noise sensitivity receivers and noise assessment criteria
- Construction noise assessment
- Fixed plant noise assessment; Determination of impulsiveness, intermittency and tonality corrections

Session 2 – Fundamental of Acoustics

23 April 2018 Monday, 19:00 – 21:00

Speaker: Ms Grace Kwok, Chairman of HKIOA



- Fundamental of architectural acoustics
- Room reverberation time – Definition and how to control
- Noise transmission – Definition of STC, NIC, Dw etc. and how to increase the noise isolation
- Indoor acoustic measurements

Session 3 – Vibration Control and Acoustics in BEAM Plus

26 April 2018 Thursday, 19:00 – 21:30

Speakers:

Mr Fred Chan, Managing Director, Kinetics Noise Control (Asia) Limited



Ir C F Leung, Director – Operations, BEC

- Vibration problems and control techniques in buildings
- Good measurement techniques
- Recap of BEAM Plus acoustics related credits in NB, EB and BI
- BEAM Plus acoustics related submission case sharing



	Members of organisers / BEAM Pro and BEAM Affiliate	Members of supporting organisations	Others
Per session of any topic	400	500	600
Full course of 3 sessions	960	1,200	1,440

Certificate

A CPD certificate will be awarded to participants after the course.

Medium of Instruction

Cantonese supplemented with English.

Register Now

Click here to download the [Application Form](#) and submit the completed form to us on or before 9 April 2018. Late enrolment will be accommodated subject to seat availability.



Terms & Conditions

- Duly completed application form accompanied by payment will be considered for admission;
- Course fee is non-refundable, non-transferable and should be received by BEC IEE no later than 5 working days before the commencement of the course;
- Admission is made on a first-come-first-served basis;
- Successful applicants will be notified no later than 3 working days before the commencement of the course;
- Unsuccessful applicants will be given refund of course fees if they have already paid;
- The course will be cancelled with full refund when the typhoon signal no.8 or above, or black storm warning is hoisted 3 hours before the course commences;
- An official e-receipt will be distributed through email to the participant upon the completion of the course;
- BEC reserves the right not to conduct the course if the applications are below the required minimum number of participants, and course fees received will be refunded. All decisions made by BEC on matters related to the courses are final;
- Personal data including contact information will be used by BEC for its communications and direct marketing purpose, including newsletters and promotions of events, training courses and other activities. If you do not wish to receive any further promotional materials from BEC, please send an email to us at unsubscribe@bec.org.hk; and
- Information provided will be kept strictly confidential and will not be sold, reused, rented, loaned, or otherwise disclosed to third party.

About Business Environment Council Limited 商界環保協會有限公司

Business Environment Council Limited ("BEC") is an independent, charitable membership organisation, established by the business sector in Hong Kong. Since its establishment in 1992, BEC has been at the forefront of promoting environmental excellence by advocating the uptake of clean technologies and practices which reduce waste, conserve resources, prevent pollution and improve corporate environmental and social responsibility. BEC offers sustainable solutions and professional services covering advisory, research, assessment, training and award programs for government, business and the community, thus enabling environmental protection and contributing to the transition to a low carbon economy. For more information in BEC, please visit www.bec.org.hk.

About BEC Institute of Environmental Education

BEC Institute of Environmental Education ("BEC IEE"), a division of BEC, provides a platform for business managers and decision makers, to advance their knowledge and develop the expertise necessary for environmental decision-making. BEC IEE also facilitates professional development by promoting quality environmental education through various environmental education programmes. For further enquiries or assistance, please contact BEC IEE at beciee@bec.org.hk.

About BEAM Society Limited

BEAM Society Limited ("BSL"), owner of Building Environmental Assessment Method ("BEAM"), is a non-profit public body committed to developing and implementing the BEAM assessment tools (HK-BEAM & BEAM Plus), assessing green building environments and training BEAM Professionals ("BEAM Pro") and BEAM Affiliates. For further enquiries or assistance, please contact BSL at <https://www.beamsociety.org.hk>.

About The Hong Kong Institute of Acoustics

The Hong Kong Institute of Acoustics ("HKIOA") was founded in 1993 in Hong Kong by a group of local acousticians. The Institute aims to promote the knowledge and practice of acoustics and also maintain and present the integrity and status of the profession to the public and the government. At present, the Institute has more than 440 members from different disciplines: architect, building services, consultancy, education, government, research and academics. Majority of the members are also Chartered Engineers or members of other local and overseas professional institutions. For more information in HKIOA, please visit <http://www.hkioa.org/about.php>.