

# GBI PROFESSIONAL SERIES 2015

21 April 2015 (Tuesday), 8.30am - 5.30pm  
Vivatel, Jalan Loke Yew, Kuala Lumpur

SEMINAR ON

## Designing for better IEQ - Mold & Humidity Control

### PROGRAMME

- 8:30am Registration
- 9:00am Opening remarks
- 9:15am **Paper 1: The ASHRAE Position Document: Limiting Indoor Mold & Dampness in Buildings**
- 10:15am Tea break
- 10:45am **Paper 2: Better Buildings in Hot & Humid Climates - New ASHRAE Design Guidance**
- 11:45am **Paper 3: GBI Compliance for IAQ Submittals - The Do's & Don'ts**
- 12:30pm Lunch
- 1:45pm **Paper 4: Diagnosing & Fixing Humidity Control Problems in Real-World Buildings - Tools, Techniques, Case Histories and Practical Suggestions**
- 2:45pm **Paper 5: IAQ Problems - Local Case Histories**
- 3:30pm **Paper 6: Real-World Integrated Design - Case Histories of Both Productive and Problematic Interactions Between Architectural Designs and HVAC Systems**
- 4:30pm Q&A
- 4:45pm Tea break & End of Seminar

*Note: Title and sequence of papers are subject to change.*

### REGISTRATION FEES

Member	Non-Member
RM550	RM650

For more information please contact:

**Malaysia Green Building Confederation (MGBC)**  
A-29-9, Block A, Menara UOA Bangsar,  
59000 Bangsar, Kuala Lumpur, Malaysia.  
Tel: +603 2282 8232  
Web: [www.mgbc.org.my](http://www.mgbc.org.my)



### WHO SHOULD ATTEND?

- Building Owners and Developers
- Green Building Professionals
- Facility Managers
- Green Building Index Facilitators
- Professional Architects and Engineers

**LIMITED SEATS!**  
First-Come-First-Served Basis

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## SEMINAR ON Designing for Better IEQ - Mold & Humidity Control

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### SPEAKERS



#### Lew Harriman

FASHRAE  
Director of Research, Mason-Grant  
Consulting  
Portsmouth, NH

Lew Harriman is Director of Research at Mason-Grant Consulting in Portsmouth, NH. He has 35 years of experience researching and solving problems related to energy, humidity and moisture in buildings and industrial processes. In recognition of his professional accomplishments, in 2010 Lew was elected a Fellow of ASHRAE.

Lew was the lead author and project manager for the ASHRAE Humidity Control Design Guide, and also for the ASHRAE Guide for Buildings in Hot & Humid Climates. He serves as Chair of ASHRAE Technical Committee 1.12 (Moisture Management in Buildings), and also as Chair of the Document Revision Committee for the ASHRAE Position Document titled: Limiting Indoor Mold and Dampness in Buildings.

Lew received his degree in Visual studies/ Architecture from Dartmouth in 1971, where he also served as a Spanish language instructor. He served five years in the U.S. Air Force as a Captain in the Engineering & Services Division of the Headquarters, Strategic Air Command, and ten years working as application engineer and new markets manager for an international manufacturer of precision dehumidification systems. For the last 25 years, Lew has been a building science consultant, building forensic investigator, researcher, lecturer and author. He has lectured on the topics of humidity control design and trouble shooting, ventilation system design, building moisture management, infrared analysis of building systems, mold prevention and building energy retrofits for architects, engineers, contractors and building operators throughout North America, Europe and Asia.



#### Ir. Ng Yong Kong

P.Eng. GBIF, MASHRAE  
Managing Director, NYK  
Engineering & Trading Sdn Bhd

Ir. Ng Yong Kong is the Managing Director of NYK Engineering & Trading Sdn Bhd and holds an Honours Degree in Mechanical Engineering from the University of Malaya (Kuala Lumpur) and a MBA from University of Hull U.K. (1997). Some of his other credentials include:

1. Past President of ASHRAE Malaysia Chapter (MASHRAE), 1999 – 2000
2. Member of the Steering Committee for the ASHRAE Indoor Air Quality Conference 2010
3. Working Group Member for SIRIM Workplace Atmosphere and Indoor Air
4. Malaysia Green Building Index Facilitator / Trainer/ Examiner.
5. Malaysia Green Building Confederation – Board Member, 2014 / 2015
6. IEM Council Member, 2007 – 2010 / IEM Excomm, 2008 – 2009 / BSTD, 2005-2011
7. Working Group member for MS 1525:2007 & MS 1525:2014 – Code of Practice on Energy Efficiency and use of Renewable Energy for Non-Residential Buildings
8. ASHRAE Technology Award – Panel of Judges for year 2011 – 2013
9. ASHRAE Technical Committee 2.8 on Built Environment & Sustainability



#### Ir. TL Chen

FIFireE, P Eng, C Eng, F.ASHRAE DL  
GBIAP Co-Chair

Ir Chen has accumulated over 35 years of experience in the Building Services Industry (local and overseas). He serves in various Malaysian Standard writing committees as well as National Steering Committees and regularly presents technical papers in various engineering subjects including Energy Efficiency, Sustainability & Green Issues. In 2008, Chen led the development of the Green Building Index and incorporated the criteria on 'Enhanced Energy Performance', 'Sustainable Maintenance', and 'Commissioning Specialist' to address the perennial industry shortcomings in these areas. He remains passionate and optimistic for the Malaysian industry to cultivate the holistic need for proper design, installation, testing, commissioning, operation and maintenance of building systems; to dispense with his quote that "The best designed and best installed building services will only last until the end of the defects liability period", and the sooner the better.

In recognition of his life-long contribution to the engineering fraternity and society, ACEM conferred him the ACEM Gold Award 2010.

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### REGISTRATION FEES

Please tick applicable

#### Registration Fees

GBI Facilitator / Member of MGBC, PAM, ACEM, RISM, MASHRAE, ILAM

RM550

Non-Member / Public

RM650

### PAYMENT DETAILS

Payable to : **MGBC EVENTS**

Account No. : **36301003669**

Bank : **Hong Leong Bank**

Payment method :  Cheque - Amount (RM) \_\_\_\_\_ Cheque No. \_\_\_\_\_

Cash - Amount (RM) \_\_\_\_\_

Bank Transfer - Amount (RM) \_\_\_\_\_

### REGISTRATION FORM

I hereby confirm my registration with the following details:

TITLE AR / IR / SR / MR / MRS / MS

FULL NAME

NRIC / PASSPORT No.

COMPANY NAME

COMPANY ADDRESS

POSTCODE

TOWN/CITY

STATE

HP

TEL

FAX

EMAIL

I AM A MEMBER OF (Select one) MGBC / PAM / ACEM / IEM / MASHRAE / OTHER MEMBERSHIP No.

FOR CPD CREDITS PURPOSES (Select one) LAM / BEM / GBI / BQSM MEMBERSHIP No.

VEGETARIAN? (Tick applicable)  YES  NO

Closing date for registration: **14 April 2015 (Tuesday)**

Please send this registration form to:

fiza@mgbc.org.my OR Fax: +603 2284 8232

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