



# The Institution of Engineers, Malaysia

Bangunan Ingenieur, Lot 60/62, Jalan 52/4 Peti Surat 223  
46720 Petaling Jaya, Selangor Darul Ehsan



## TALK ON “RAINWATER HARVESTING”

(Organized by Building Services Technical Division, IEM & MASHRAE)

**Date** : 17 March 2010 (Wednesday)  
**Venue** : C&S Lecture Room, 2<sup>nd</sup> Floor, Wisma IEM, Petaling Jaya, Selangor  
**Time** : 5.30pm – 7.30pm (Refreshment will be served at 5.00 pm)  
**Speaker** : Ir. Lam Kim Seong / Ir. Ng Yong Kong / Mr. Denise Lau

BEM Approved  
CPD Hours : 2  
Ref No:  
IEM10/HQ/052/T

### SYNOPSIS

Water efficiency is one of the criteria in the assessment of a building environmental attributes or the GBI classification and rainwater harvesting leading to reduction in potable water consumption is encouraged. In addition, rainwater harvesting has been imposed by some local councils as a condition in project planning approvals. Rainwater harvesting is the gathering or accumulating and storing of rainwater, used to provide water for irrigation and toilet flushing facilities. There are various types of systems to harvest rainwater ranging from very simple to the complex commercial systems, dependent on the plan area and intensity of rainfall. This short talk will highlight the theoretical and practical aspects of designing a rainwater harvesting system and the possible solutions to re-using harvested rainwater for various applications in both domestic and commercial services.

### ABOUT THE SPEAKER

**Ir Lam Kim Seong** - a practising engineer with the engineering consulting firm of Prinsip Runding Sdn Bhd. He received his degree in B. Eng. (Hons) Mechanical from Universiti Malaya in 1983. Much of his experience was gained from years of practice through participation in a diverse range of projects which include residential, industrial and commercial developments such as office buildings, hotels and shopping complexes.

He is also one of the Malaysia Green Building Index Facilitator ( GBI ) and examiner.

**Ir. Ng Yong Kong** – He is a council member of IEM is also one of the Malaysia Green Building Index Facilitator, trainer and examiner. He has a degree in Mech. Engr from University Malaya, KL has more than 26 years experience in the building industry mainly dealing with energy efficiency and IAQ in buildings.

**Mr. Denise Lau** - a Senior Sales Executive in the Business Development Unit in Grundfos Pumps Sdn Bhd. She graduated with a Bachelor of Commerce degree from Curtin University of Technology in Perth, Australia. She has over 9 years of experience in the pump industry, undergone extensive technical and non-technical trainings both locally and overseas. She is currently providing technical assistance in pumping designs, implementing state-of-the-art technology to consulting engineers in various market segments, water authorities and developers such as Commercial Building Services, Water Supply, Wastewater and Sewage Pumping Stations.

**Ir. Phang Chen Faut** P.Eng, MIEM

**Chairman**

**Building Services Technical Division, IEM**

#### **Announcement to note:**

1. Talk is **STRICTLY** for IEM / MASHRAE members only (walk in)
2. Limited seats available on a "first come first served" basis. (maximum 110 participants)
3. No telephone and/or fax reservation will be entertained.
4. Latecomers will not be allowed entrance, if the lecture hall is full.
5. Please bring along this flyer and membership card for confirmation of attendance (CPD purpose).

**For IEM members, membership cards MUST be presented for identification purpose. Members who fail to show their membership card will be charged a fee of RM20.00.**

#### FUNDS FOR IEM NEW BUILDING

Kindly be informed that IEM will be charging participants RM10.00 administrative fee for evening talks organised by IEM. The fee would be used for overhead costs, building maintenance expenses as well as to support the purchase of the new building.

Students are however exempted. Your understanding is greatly appreciated.

#### CPD HOURS CONFIRMATION

Name of Member: .....

M'ship No:

Signature: .....

Date :