

REGISTRATION FORM

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Name(s)	Membership No. / Grade	Fees (RM)
Total Amount Payable		

Company: _____

Address: _____

Mobile: _____ Tel(O): _____ Fax: _____

E-mail: _____

(Please write clearly as the "Information Update will be sent via email)

Contact Person: _____ Designation: _____

Signature: _____ Date: _____

PAYMENT DETAILS Cash RM _____ Cheque no. _____ for the amount of RM _____
(non-refundable) and made payable to "THE INSTITUTION OF ENGINEERS, MALAYSIA"
and crossed 'A/C Payee Only'.**Terms & Conditions:**

- For ONLINE REGISTRATIONS, only ONLINE PAYMENT is applicable [via RHB and Maybank2u - Personal Saving & Personal Current ; Credit Card - Visa/Master.
- Payment via CASH / CHEQUE / BANK-IN TRANSMISSION / BANK DRAFT / MONEY ORDER / POSTAL ORDER / LO / WALK -IN will be considered as NORMAL REGISTRATION
- For online registrations, please note that **payment MUST be made "ONLINE" before the closing date**. If payment is not received and verified within the stipulated time, the registration fee will be reverted to the normal registration fee.
- **FULL PAYMENT** must be settled before commencement of the course, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participants fail to attend the course, the fee is to be settled in full. If the participant failed to attend the course, the fee paid is non refundable. Registration fee includes lecture notes, refreshment and lunches.
- The Organizing Committee reserves the right to cancel, alter, or change the program due to unforeseen circumstances. Every effort will be made to inform the registered participants of any changes. In view of the limited places available, intending participants are advised to send their registrations as early as possible so as to avoid disappointment.



Organised by:
Building Services Technical Division,
The Institution of Engineers, Malaysia

Sponsored by:

Infravera Sdn Bhd 

ONE DAY SEMINAR ON "WATER SUPPLY-PIPELINE DESIGN BY MANUALLY AND COMPUTER"

By
Engr. CHEE SHAI CHOON

23rd April 2014 (Wednesday)
9.00 am - 5.00 pm

Venue:

C&S & TUS Lecture Room, 2nd Floor, Wisma IEM, Petaling Jaya**REGISTRATION FEES**

Grade	Normal Fee	Online Fee
IEM Student Member	RM150.00	RM100.00
IEM Graduate Member	RM250.00	RM200.00
IEM Corporate Member	RM350.00	RM300.00
Non IEM Member	RM500.00	RM450.00

Closing Date: 19 April 2014

BEM Approved CPD/PDP Hours: 6.5
REF: IEM14/HQ/045/S

SYNOPSIS

Water supply pipeline systems range from a very simple layout to very large and complex distribution networks. In the earlier days, engineers had to work manually to do all engineering design. Nowadays as the costs of the computer hardware and software are now affordable, more and more engineering computations are being replaced by software. Whilst the “older” generation of engineers would appreciate the availability of engineering software, this could NOT be said of the young engineers. Their appreciation is on the dependency of the software hence they will start to lose out the concept and theory of water pipeline design. One of the disadvantages of computer technology is that the young engineer cannot get the “sense” of design and would not know which pipe is critical pipe in the design

The goal of this course is to cover all concept and theory in water supply design and the common practice in water supply design. The younger engineers may then develop a sense of pipe sizing and critical points when using software. And also to show engineers how to verify computer design output. A chapter of MSMA2- rainwater harvesting will be cover on piping system. Working examples to be presented to illustrate the design computation in manual and computer mode.

BENEFITS

This course is suitable for engineers who intend to:

- Improve knowledge in water supply design in branches and loops system.
- Understand the basic behind water supply computer program.
- Verify computer output.
- Design water supply manually.

Requirement: Scientific Calculator

FOR FURTHER DETAILS, PLEASE CONTACT:

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BIODATA OF THE SPEAKER

Currently, Engr Chee Shai Choon leads a group of software developers in C & S Software Solutions Sdn Bhd, MSMAware Sdn Bhd and Infravera Sdn Bhd. He is the developer of the Infravera software for Earthworks(Earth+), Urban Stormwater Design(Storm+), Water reticulation(Aquator), drain (Drain+), sewer network(Sewer+) and MSMAware. In developing civil engineering products, he has gained in-depth knowledge of the design process involved and would be able to share his knowledge and experience with participants

He is a civil engineer with good technical knowledge in engineering concepts. He has accumulated 18 years of his experience in field of IT and engineering design.

He had conducted talks/training in various organizations like IEM, JOS in JPS Ampang, Wawasan Professional Training Centre in KL. Last event (Oct 2013) was a seminar of “2-Day Hands-On Workshop on Urban Drainage Design based on JPS MSMA guidelines” in KL organized by ACEM.

TENTATIVE PROGRAMME	
08.30am – 09.00am	Registration
09.00am – 10.30am	Opening Speech & Introduction of Water Supply Pipeline system. Branched system, Guideline
10.30am – 10.45am	Tea Break
10.45am – 12.30pm	Pipeline system. Looped system
12.30pm – 1.30pm	Lunch
01.30pm – 02.30pm	Hands on design pipe system.
02.30pm – 03.30pm	MSMA2-Chapter 6 Rainwater harvesting, Piping system
03.30pm – 03.45pm	Tea Break
03.45pm – 04.30pm	Computer application verification
04.30pm – 05.00pm	Q&A and End of Session