



Talk on
“Swimming Pool Applications of Filtration and Circulation – Centrifugal Pumps and Filtration”

Organised by Young Engineers Section (YES), IEM

Date : **20 August 2015 (Thursday)**
 Time : **5.30 pm – 7.30 pm** (*Refreshment will be served at 5.00 pm*)
 Venue : **TUS and C&S Lecture Room, 2nd Floor, Wisma IEM, PJ**
 Speaker : **Mr. Hugh D. Smith (Director of Aquatic Systems, Pentair, Inc. USA)**

BEM Approved CPD/PDP Hours: **2 Hours**
Ref. No: IEM15/HQ/312/T

SYNOPSIS

Introduction and New Technologies of Swimming Pool Pumps

An introduction to the various types of swimming pool pumps and their design selection. The latest trend in energy saving pumps for swimming pool applications. Current safety trends including the requirement of SVRS (safety vacuum release system) for swimming pool pumps.

Filtration Applications for Swimming Pool Design

An introduction to the various types of filtration available for use in swimming pool applications, (design, selection and sizing). Discussion regarding the advantages and disadvantages of D.E., sand and cartridge filtration.

BIODATA OF SPEAKER

Hugh has over thirty five years of experience in the field of swimming pool application, centrifugal pumps, filtration and hydraulics. Having worked all over the world he brings a wealth of knowledge in the design, installation and maintenance of swimming pool equipment including the latest in VFD technologies.

He is an international and active member with the MSPA (Malaysian Swimming Pool Association). He is an accomplished speaker in the swimming pool industry globally having spoken for the EUSA European Union of Swimming Pool And Spa, NSPF National Swimming Pool Foundation, and the APSP Association Of Pool And Spa Professionals.

His education background includes a Bachelor of Arts Degree in Education from the University Of California, Sacramento; Hydraulic Engineering certificates from Sta-Rite, Inc., Pentair, Inc., Hydraulic Institute (USA), University of Minnesota – Carlson School of Business, Minneapolis, Minnesota (USA) Executive Development Program, Emphasis in General & International Management.

Engr. Vivekasugha Alif Bin Gunaan Grad, IEM
Chairman
Session 2015/2016
Young Engineers Section, IEM

FUNDS FOR IEM BUILDING FUND (WISMA IEM)

- Kindly be informed that IEM will be charging participants **RM15.00** administrative fee for talks organized 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.
- All contributions will be deeply appreciated by IEM

Your understanding is greatly appreciated.

Announcements to note:

- Preferential admission to talk shall be accorded to IEM members (**Pre-registration and online registration are NOT required**). (**Telephone and/or fax reservation will NOT be entertained**)
- Non-members may also attend the talk but will be charged a registration fee of **RM50 and an administrative fee of RM15**.
- For affiliate members, there will be no registration fee. However, they are requested to produce their membership card as proof of membership. For the list of affiliates, please refer: www.myiem.org.my/content/memorandum_of_understanding-469.aspx
- Limited seats are available on a "first come first served" basis (maximum 110 participants).
- IEM members are **required to produce your membership cards for confirmation of attendance (CPD purpose)**.
- Latecomers will not be allowed to enter if the lecture hall is full nor be entitled to CPD.

IEM members who fail to produce their membership cards will be charged a fee of RM25.00

CPD/PDP HOURS CONFIRMATION	
Name	:
M'ship No.	:
Signature	: