REGISTRATION FORM

TWO DAYS COURSE ON CENTRIFUGAL PUMP THEORY AND APPLICATION – BASIC PRINCIPLES

23rd & 24th JANUARY 2017 (MONDAY & TUESDAY)

CLOSING DATE FOR REGISTRATION: 20 JANUARY 2017

Name of Organisation: .....

Mailing Address: .....

Email : ..... Hand Phone : .....

Tel (Office) : ..... Fax : .....

Contact Person : ..... Designation : .....

I/We wish to enrol the following person(s) for the above-mentioned Course:

Name	M/ship No.	Reg. Fee (RM)
SUB TOTAL		
ADD 6% GST		
TOTAL PAYABLE		

Enclosed herewith a crossed cheque No. ..... for the sum of RM ..... issued in favour of "The Institution of Engineers, Malaysia" and crossed 'A/C payee only'. I/We understand that the fee is not refundable if I/we withdraw after my/our application is/are accepted by the Organizing Committee but substitution of participant will be allowed. If I/we fail to attend the workshop, I/we will still pay the registration fee in full.

Signature: ..... Date: .....

REGISTRATION FEE (SUBJECT TO 6% GST)

GRADE	ONLINE	NORMAL (OFFLINE)
IEM STUDENT MEMBER	RM 150	RM 180
IEM GRADUATE MEMBER	RM 550	RM 600
IEM CORPORATE MEMBER	RM 550	RM 600
NON-IEM MEMBER	RM 750	RM 800

GST is implemented effective of 1 April 2015.

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
- 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.
- Fee paid is not refundable. Registration fee includes lecture notes, refreshment.
- 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. **CLOSING DATE: 20 JANUARY 2017**

CORRESPONDENCE

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BEM Approved CPD/PDP hours Applying

TWO DAYS COURSE ON

"CENTRIFUGAL PUMP THEORY AND APPLICATION-BASIC PRINCIPLES"

DATE : 23rd & 24th JANUARY 2017 (MONDAY & TUESDAY)

TIME : 9:00 AM – 5.00 PM

VENUE : TUS AND C&S LECTURE ROOMS, 2ND FLOOR, WISMA IEM, PETALING JAYA, SELANGOR

SPEAKER : Ir. HASSANAZHARI AHDI

Organised and hosted by

Oil, Gas and Mining Technical Division

The Institution of Engineers, Malaysia

SYNOPSIS

CENTRIFUGAL PUMP THEORY AND APPLICATION shall provide the audience with the knowledge and principles of pump design, sizing, selection and performance analysis. The course will be beneficial to engineers dealing with pump and will be presented in a way that is comprehensible to the engineers who are with or without the oil and gas background. The objectives of the course are to provide exposure to the audiences on understanding of fundamental design of centrifugal pump, the critical pump parameters when evaluating pump selection and making the best decision on specification.

Centrifugal pump in the oil and gas industry is a 'must equipment' on every plant/site and this one-day course will answer questions that many people have, such as how important this equipment onboard, understanding the requirement and criticality of the pump within the whole system and matching those to the correct pump selection. Some highlights of the course are back to fundamental of mathematical modeling of the centrifugal pump on various aspects of its parameters, type and material selection. These are the major factors in ensuring the selected pump match the required performance as well as the ensuring the reliability of the pump.

The course will also look at selected case studies for better understanding of the importance in correct pump selection.

BIODATA OF SPEAKER

Ir. Hassanazhari Ahdi has been in the oil and gas industry for 27 years working for companies such as Technip, TPVN, KPOC and SDE. His core expertise is in design works, erection, testing, hook-up and commissioning. Currently, he is an independent consultant providing consultancy for various design offices. He graduated from University of Malaya with a degree in Mechanical in year 1987 and a Masters in Engineering from UTM in year 2006. He has served many major Oil and Gas Companies locally and abroad such as PETRONAS, SHELL, EXXON-MOBIL, QATAR PETROLEUM, QATAR MEARSK OIL, TOTAL, CONOCO-PHILIPSs and CUU LONG.

His experience covers several major onshore/offshore turnkey projects starting from proposal, FEED, detailed design, erection, pre-commissioning/commissioning until handover to operation. The projects he was involved in include Polyethylene Plant, PVC Plant, Cabot Semi-Scale plant, BP-Amoco PTA Plant, MOQ BG-BA Platform and KBB Platform. Besides green field, his experience covers brown field too on retrofitting and debottlenecking of offshore platform and onshore plant.

He has delivered lectures for Executive Diploma student at UTM covering mechanical discipline syllabus tailored to specific application to oil and gas industries. He also has been appointed into a SIRIM technical committee in establishing MS Code for parts of LPG domestic cylinder.

Tentative Programme

TIME/DAY	Day 1 (MONDAY, 9 JANUARY)	Day 2 (TUESDAY, 10 JANUARY)
08:30 – 09.00	***Registration***	***Registration***
09.00 – 09:30	Introduction of speaker and topic of discussion	Seal Selection – Basic Parameters
09:30 – 10:30	Background – Centrifugal Pump Fundamental	Seal from API 682 Perspective
10:30– 10:45	***Tea Break***	***Tea Break***
10:45– 11:30	Element of Pump Design	Understanding of Affinity Law
11:30 – 13:00	Sizing & Selection	Application of Affinity Law
13:00– 14:15	***Lunch***	***Lunch***
14:15– 15:00	Performance Analysis	Fundamental of Impeller Design
15:00 – 15:45	Material of Construction	Prediction of Performance Curve
15:45– 16:00	***Tea Break***	***Tea Break***
16:00– 16:45	Case Study	Life Cycle Cost (LCC) and its application
16:45 – 17:00	Conclusion / Evaluation	Conclusion / Evaluation