Registration Form

HALF DAY WORKSHOP ON SHELL AND TUBE EXCHANGER THERMAL DESIGN

Name of Organisa	ation:		
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 GST @ 6%	
	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 (GST not included)							
GRADE	ONLINE	NORMAL (OFFLINE)					
IEM STUDENT MEMBER	RM 50	RM 80	GST is implemented effective of				
IEM GRADUATE MEMBER	RM 150	RM 200	1 April 2015.				
IEM CORPORATE MEMBER	RM 350	RM 400					
NON-IEM MEMBER	RM 500	RM 550					

Terms & Conditions:

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- 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.

Correspondence

The Institution of Engineers, Malaysia BangunanIngenieur, Lots 60/62, Jalan 52/4, P.O.Box 223 (Jalan Sultan), 46720 Petaling Jaya, Selangor Darul Ehsan Tel No.: +(603) 7968 4001/4002Fax No.: +(603) 7957 7678 Email: <u>sitiaisyah@iem.org.my</u> (Ms. Siti Aisyah)

PERSONAL DATA PROTECTION ACT

I have read and understood the IEM's Personal Data Protection Notice published on IEM's website at <u>http://www.myiem.org.my</u> and I agree to IEM's use and processing of my personal data as set out in the said notice.



HALF DAY WORKSHOP ON SHELL AND TUBE EXCHANGER THERMAL

<u>DESIGN</u>

- Date : 16 January 2016 (Saturday)
- Time : 8:30 am 1.00 pm
- Venue : C&S / TUS Lecture Room, 2nd Floor, Wisma IEM, Petaling Jaya, Selangor
- Speaker : Ir. Anwar Ahmad

Organised and hosted by Chemical Engineering Technical Division The Institution of Engineers, Malaysia

Synopsis

During this Shell and Tube Heat Exchanger Thermal Design course, there will be overview on the thermal design for designing shell and tube heat exchanger by considering design, operational, and maintenance perspective. The design of the heat exchanger is extremely important, as it is the key element of a heat-exchanged system. This is not only on the desired temperature to achieve during operation but also when considering the optimum design prior procuring an exchanger. Furthermore, properly designed heat exchanger can reduce the turn-down time for maintenance as no frequent cleaning is required while operating the plant or platform. Technologies involved in this thermal technology will be discussed during the workshop to highlight the importance and advantages when designing and operating shell and tube heat exchanger (STHE).

Biodata of Speaker



Ir. Anwar Ahmad is a registered Professional Engineer with Board of Engineer (BEM), Corporate Member with Institute of Engineers, Malaysia (IEM), Corporate Member with Institute of Chemical Engineers, UK (IChemE), Chartered Engineer from Engineering Council, UK with more than eleven (11) years experiences in process engineering in oil and gas industry, mainly in design with engineering firm and operation for technical support during turn around. He started his career in

fabrication yard with Sime Darby Engineering as graduate process engineer supported pre-commissioning team. Later he joined Petronas as process engineer and his responsibility was to provide technical support to OPUs throughout Petronas. One of his major assignment besides projects assigned was support one of the refinery during turn around. During this support, he had vast experience on operational issues that had been implemented in design stage when he joined engineering firms later. He then joined engineering firms (Technip, Ranhill WorleyParsons, etc) based on project basis to execute any project varies from conceptual study, pre-FEED, FEED, detailed design, and EPCC. His role when execution projects are mainly responsible to carry out detailed process engineering tasks such as development of PFDs, UFDs, P&IDs, heat and material balance (process simulation), equipment sizing, relief and blowdown analysis, and hydraulic calculations. Also involved in various safety review such as Process Safeguarding Diagram, HAZOP, and SIL workshop. Experienced in process simulations (Hysys, PetroSim, and VMGSim/iCON), heat exchanger rating software (HTRI), flare network backpressure software (FlareNet/Aspen Flare System Analyzer), and flare radiation study software (FlareSim). He's currently freelance process engineer attached to engineering firms based requirement basis when executing projects and also execute projects remotely if required.

Tentative Programme

 08:30 - 09:00
 Registration

 09:00 - 09:15
 Opening speech by Session Chairman

 09.15 - 10.30
 Overview of STHE Thermal Design

 10:30 - 11:00
 Tea Break

11:00 – 13:00 Review on case study 13.00 Session End

> BEM Approved CPD/PDP hours: 3.5 Ref. No.: IEM15/HQ/414/W