Registration Form

ONE-DAY COURSE ON SHELL AND TUBE HEAT EXCHANGER DESIGN

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 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 300	RM 350
IEM GRADUATE MEMBER	RM 600	RM 650
IEM CORPORATE MEMBER	RM 600	RM 650
NON-IEM MEMBER	RM 1000	RM 1050

PERSONAL DATA PROTECTION ACT

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

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.

Correspondence

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BEM Approved CPD/PDP hours:6.5
Ref. No.: IEM17/HQ/068/C

The Institution of Engineers, Malaysia

ONE-DAY COURSE ON SHELL AND TUBE HEAT EXCHANGER DESIGN

DATE : 31 OCTOBER 2017 (TUESDAY)
TIME : 8:30 AM – 5.30 PM
VENUE : Auditorium Tan Sri Prof Chin Fung Kee, 3rd Floor, Wisma IEM, Petaling Jaya
SPEAKER : Ir. ANWAR BIN 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 twelve (12) 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). Familiar and experienced in using oil and gas industry standards (API, ASTM, etc.) and company standards such as Petronas' PTS, Shell's DEP and Iranian Petroleum Standard. Familiar with Exxon's DIM. 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

08:00 – 09:00 ***Registration & Breakfast***
09:00 – 10:30 Introduction to Process Hazards Analysis
10.30 – 11.00 ***Tea Break***
11:00 – 13:00 Evaluation of Parameters Physical properties
13:00 – 14:00 ***Lunch***
14.00 – 15.30 Review of case study
15:30 – 16:00 ***Tea Break***
16.00 – 17:30 Summary and Q & A