

REGISTRATION FORM: ONE-DAY COURSE ON OFFSHORE SAND SEPARATION, DESIGN, OPE

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 50	RM 100
IEM GRADUATE MEMBER	RM 550	RM 600
IEM CORPORATE MEMBER	RM 550	RM 600
NON-IEM MEMBER	RM 750	RM 800

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.
- IEM reserves the right to postpone, reschedule, allocate or cancel the course. Full refund less 30% if cancellation is received in writing more than 7 days before start date of the event. No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with prior notification and substitute will be charged according to membership status. **CLOSING DATE: 26 SEPTEMBER 2016**

Correspondence

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BEM Approved CPD/PDP: 7 hours
Ref. No.: IEM16/HQ/297/C



ONE-DAY COURSE ON "OFFSHORE SAND SEPARATION, DESIGN, OPERATION AND MAINTENANCE"

DATE : 29 SEPTEMBER 2016 (THURSDAY)
TIME : 8:30 AM – 5.00 PM
VENUE : TUS AND C&S LECTURE ROOMS, 2NDFLOOR, WISMA IEM, PETALING JAYA, SELANGOR
SPEAKER : Ir. EOW JOHN SON and Mr. HILMI ISA

Organised and hosted by
Oil, Gas and Mining Technical Division
 The Institution of Engineers, Malaysia

Synopsis

In the upstram offshore oil & gas production, effective and efficient sand separation and management are vital, since the presence of sands and solids in wellhead production lines are likely to cause erosion and blockage issues in the subsequent downstream equipment at production platforms. As a consequence, dangerous incidents, such as three failures of flowlines, production vessels and control valves, have a higher risk of occurring. Moreover, oily sands discharged into the sea are also an environmental concern. This full-day course is designed to educate the participants on the engineering design, operation and maintenance of the technologies for the removal and cleaning of the sands and solids prior to discharge. Proven sand removal technologies, such as wellhead desanders, produced water desandinghydrocyclones, sand fluidisers, and sand cleaning systems are commonly used in the upstream oil & gas production. However, these sand removal and cleaning systems need to be designed and operated correctly to ensure optimized separation performance.

The course will cover the following:

- Equipment Engineering Design Philosophy (Principles of Operation, Desander Performance Characteristics),
- Package Description (Review of all package components, Major Design & Engineering Features),
- Equipment Start-up Procedure (Initial start-up/commissioning, Normal start-up),
- Normal Operation Procedure (Operating Parameters, System Monitoring, Solids Removal),
- Shutdown Procedure (Temporary Isolation, Prolonged Shutdown),
- Troubleshooting & Maintenance (Routine Maintenance, Liner Removal & Replacement)

At the end of the course, the participants shall be able to understand the importance of sand separation processes and how it can be done effectively during designing, operations and maintenance stages.

Biodata

Mr. Hilmi Isa is Managing Director and Principal Trainer of EDES Technology Sdn Bhd. He graduated with Bachelor of Engineering (Manufacturing) from International Islamic University, Malaysia, in the year 2002. Hilmi has worked in the oil & gas industry for many years specializing in mechanical and process designs for production and processing equipment. Hilmi has worked as Lead Mechanical Engineer for many upstream oil & gas projects, covering wellhead desanders, produced water treatment, sand separation and management, seawater treatment, multiphase production separators, fuel gas treatment, and glycol gas dehydration. Hilmi is also well-versed in the PETRONAS Technical Standards (PTS) and the SHELL DEP Standards. He has also successfully conducted technical training programs for PETRONAS and SHELL engineers and operators. EDES has successfully completed process packages for major clients, such as PETRONAS, SARAWAK SHELL, MURPHY OIL MALAYSIA, SAPURAKENCANA PETROLEUM, TALISMAN, CAMERON MALAYSIA, WOOD GROUP, etc.

Ir. Dr. Eow John Son is Principal Engineer & Trainer with EDES Technology Sdn Bhd. He is also a Professional Engineer (BEM), and a Chartered Engineer (Engineering Council, UK). He obtained his PhD (in electrostatic water-oil separation) from the UK, and has published many technical papers in international journals and conferences. Having spent many years in multinational companies, and having worked in the UK, Singapore, Japan and Malaysia, John is well-versed in the oil & gas processes and production technologies, such as Wellhead Desander, Produced Water Treatment, Sand Separation & Management, Crude Oil Treatment, and Gas Processing for the upstream oil & gas industry. He has worked from Technical and Commercial Proposal Stage to Detailed Engineering Stage to Commissioning Stage to Production Troubleshooting for oil & gas processes. John has conducted technical training and consultancy work for engineers and operators at Saudi Aramco, PETRONAS, Sarawak SHELL, GAIL India, etc. He is also an Assistant Professor at UniversitiTunku Abdul Rahman (UTAR).

Tentative Programme

08:30-09:00	Registration	13:00-14:00	Lunch
09:00-09:30	Introduction of speakers and topics of discussion	14:00-15:00	Normal Operation Procedure
09:30-10:30	Background-Equipment Engineering Design Philosophy	15:00-15:45	Shutdown Procedure
10:30-10:45	Tea Break	15:45-16:00	Tea Break
10:45-12:00	Process System Package Description	16:00-17:00	Troubleshooting & Maintenance
12:00-13:00	Equipment Start-up Procedure	17:00-17:30	Conclusion / Evaluation