



THE INSTITUTION OF ENGINEERS, MALAYSIA

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Talk on “An Overview of Material Handling for Offshore Facilities”

(Organised by Oil, Gas & Mining Technical Division, IEM)

BEM Approved CPD/PDP: 2 Hours

Ref No: IEM15/HQ/197/T

Date : 13 June 2015 (Saturday)
Time : 9.00 am to 11.00 am (Refreshments will be served at 8.00 am)
Venue : Tan Sri Prof. Chin Fung Kee Auditorium, 3rd Floor, Wisma IEM, Petaling Jaya
Speaker : Ir. Danaraj Chandrasegaran

SYNOPSIS

Offshore facilities have diverse operational requirements due to the difference in user populations and the design intent of the facilities. However, most offshore facilities design is focused on the process requirements rather than the operational requirements of the facilities. Due to the location offshore, these facilities face several operational challenges which are often underestimated. The talk will provide an overview of the design of offshore facilities from the material handling perspectives. The term ‘material handling’ refers to all methods of handling of materials, supplies and brownfield installations work.

Among the subjects that will be discussed are general material handling considerations, material handling needs such as handling provisions, installation requirements and regulatory compliance, recent development and engineering practices in the offshore facilities operation and the usage of engineering tools and others operational studies in design development activities.

BIODATA OF SPEAKER

Ir. Danaraj Chandrasegaran graduated from University Teknologi Malaysia in 2001 with a Bachelor of Mechanical Engineering (Hons). Subsequently, he obtained his Masters Degree in Mechanical Engineering from University of Malaya in 2010. He has published in international Building and Environment journals and IEEE conferences in the past. His career spans a diverse aspect of project execution in industries such as building construction, marine, mining and energy.

Currently he is the Section Head, Material Handling & Human Factors Engineering at Technip Malaysia. Ir. Danaraj is also a Co-opted member of the Oil, Gas and Mining Technical Division of IEM.

Ir. Ahmad Rafidi Mohayiddin
Chairman
Oil, Gas & Mining Technical Division, IEM

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 need to pay a registration fee of **RM50** and an administrative fee of **RM15**. GST is inclusive.
- For members of affiliated organisations, there will be no registration fee payable. However, they are requested to produce their membership card as proof of membership. For the list of affiliated organisations, please refer to IEM website at www.myiem.org.my under International/MoU.
- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- IEM members are required to produce 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. GST is inclusive.**

ADMINISTRATIVE FEE

- Kindly be informed that an administrative fee of **RM15** is payable for talks organized by IEM. GST is inclusive.
- The fee would be used to cover overhead costs, building maintenance expenses as well as contribute to Wisma IEM Building Fund.
- All contributions will be deeply appreciated by IEM.
- Student Members are however exempted.

CPD/PDP HOURS CONFIRMATION

Name:

Membership No:

Signature: