



THE INSTITUTION OF ENGINEERS, MALAYSIA

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TALK ON

“A BRIEF LOOK AT AN OFFSHORE PROJECT JOURNEY – ENGINEERING ROLES BEYOND DETAIL DESIGN”

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

BEM Approved CPD/PDP: 2 Hours

Ref No: IEM15/HQ/050/T

Date : 14th March 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. Tengku Fadziliaton Engku Muhammad Din

SYNOPSIS

The talk will give a brief look on the journey of a typical oil and gas offshore project from FEED, Detail Design, Procurement, Fabrication up to the Commissioning.

Typically, a design engineer's involvement is limited to the initial one or two stages of the project before they move on to the next project, more often due to the end of their contract. The next stage of the project is handled by a different group / team which does not have design engineers from the previous stages.

The design will usually evolve during each stage of the project even right up to the commissioning stage. It is very essential to keep every change to the minimum while maintaining the intended purpose of the design and to ensure a smooth information flow of these changes throughout the project. An awareness of the impact on change to the design beyond detail design stage i.e. procurement and fabrication needs to be maintained.

Therefore, the design engineer should be involved and attached to a project up to and perhaps beyond the Commissioning stage, to support the above aims.

The objective of the talk is to familiarize with the stages of a project, the process and challenges of each stage and emphasize the importance of information flow and the roles of the design engineer during each stage of the project.

BIODATA OF SPEAKER

Ir. Tengku Fadziliaton graduated from Loughborough University of Technology with a degree in Chemical Engineering in 1997. She has started her career in the upstream oil and gas industry 17 years ago and has experience in detail design, fabrication, commissioning and operation in process engineer capacity. She has been involved in projects for wellhead platforms, processing platforms and FPSOs as well as being part of the operation support team for the same.

She is currently Senior Process Engineer in Engineering and Commissioning department in Kebahangan Petroleum Operating Company.

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 be charged a registration fee of **RM50** and an administrative fee of **RM15**.
- For affiliate members, there will be no registration fee. However, they are requested to produce their membership card as proof of membership. For the list of affiliates, please refer www.myiem.org.my/content/memorandum_of_understanding-469.aspx.
- Limited seats are available on a "first come first served" basis (maximum 110 participants).
- IEM members are required to produce your 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.

FUNDS FOR IEM BUILDING FUND (WISMA IEM)

- Kindly be informed that IEM will be charging participants **RM15** as administrative fee for talks organized by IEM.
- The fee would be used to cover overhead costs, building maintenance expenses as well as to support the purchase of the new building.
- All contributions will be deeply appreciated by IEM.
- Students are however exempted.

Your understanding is greatly appreciated.

CPD/PDP HOURS CONFIRMATION

Name:

Membership No:

Signature: