



The Institution of Engineers, Malaysia

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TALK ON CORROSION IN THE OIL AND GAS INDUSTRY

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

BEM Approved
CPD Hours: 2
Ref No: IEM12/HQ/286/T

Date : 6 November 2012 (Tuesday)
Time : 5.30 pm – 7.00 pm (Refreshment would be served at 5.00 pm)
Venue : Tan Sri Prof. Chin Fung Kee Auditorium, 3rd Floor, Wisma IEM, Petaling Jaya
Speaker : Puan Hj Maimunah Ismail

SYNOPSIS

The Oil and Gas Industry has a huge range of activities from exploration, extraction and production, processing and manufacturing of hydrocarbons.

The potential for corrosion to occur exists at all these stages as long as metallic materials are used. Corrosion if left unchecked can lead to disastrous failures that can cause huge impact to loss of production, damage to facilities and environment, and safety of personnel and the public. The key issues relating to HSSE, Cost, Integrity and Quality for an effective and successful prevention of corrosion are discussed in this presentation.

At the end of this presentation, the attendees should be aware of different corrosion processes in the different areas of activities, how design decisions are made to control predicted corrosion, and the keys to corrosion management during operations and production.

BIODATA OF SPEAKER

Puan Hj Maimunah Ismail joined Lloyds Register Technical Services on 1st October, 2012. She is now holding the roles of Asset Integrity Manager and Lead Specialist and based at Tan & Tan building at Jalan Tun Razak, Kuala Lumpur.

Prior to this she worked with Shell companies for 30+years. Prior to her retirement on 31st August, 2012, she was the General/Regional Manager of Materials, Mechanical and Inspection Engineering of Shell Project and Technology and also the Senior Principal Consultant.

She has been to various Shell operating companies from US, Europe, Africa and Asia, with early training in Shell Houston, US and an assignment in Shell Gabon, West Africa.

She graduated with a BSc (Hons) Materials Science and Masters in Eng Science (MEngSc) in Corrosion. She is a Fellow member of the Institute of Materials, Malaysia (IMM) and a member of Institute of Materials, Mining and Minerals (IOM3), UK. She went through the rigorous Shell Global Competency Assessment and recognized as one of the Global Technical Authorities, Level 1. She was the first Malaysian to be listed in the Houston list of Technical Authorities, for Shell Deepwater Engineering projects.

Her career assignments have brought her to various stages of Oil and Gas phases:

- Started her career as a Metallurgist and Materials and Corrosion Engineer. The first decade was spent on building up Technical Expertise resulting her as the one of the key Shell Global staff in the development of Corrosion Processes and Computer Models and Corrosion Management. This included Research and Innovation with field applications. She spent on various project designs, construction, and manufacturing ensuring Quality Control and Design Integrity.
- The second decade exposed her to the Operation and Maintenance phases which include, Team Leading and handling of multi million contracts in Inspection, Corrosion Monitoring and Failure Analysis and Materials Testing and Fitness for Service. She was strongly involved with Asset Integrity and contributed to Operation & Maintenance Reliability.

The third decade brought her into Leadership and Management for the Asia Pacific region (countries- Malaysia, Phillipines, New Zealand, Australia, China, Sakhalin and India). The last 5 years was key to ensure linkage of lessons learnt built into design for reliable deepwater operation. She was one of the custodians of Shell Standards.

Ir. Razmahwata Mohd Razalli

Chairman

Oil, Gas & Mining Technical Division, IEM

Announcements to Note:

1. Talk is **STRICTLY** for IEM members only (walk-in).
2. Telephone and/or fax reservation will **NOT** be entertained.
3. Limited seats are available on a "first come first served" basis (maximum 110 participants).
4. IEM members are required to produce your **membership cards** for confirmation of attendance (CPD purpose).
5. 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 RM20.00

FUNDS FOR IEM NEW BUILDING (WISMA IEM)

Kindly be informed that participants will be charged RM10.00 administrative fee for talks organized by IEM. The fee will be used for overhead costs, building maintenance expenses as well as to support the purchase of Wisma IEM. However, students are exempted. Your understanding is much appreciated.

CPD HOURS CONFIRMATION

Name of Member:

M'ship No:

Signature:

Date :