

TALK ON
“A COMPARATIVE STUDY: OFFSHORE FACILITIES LOAD OUT
METHODOLOGY”

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

Date : 25th July 2017 (Tuesday)
Time : 5.30pm to 7.30pm (*Refreshments will be served at 5.00pm*)
Venue : TUS and C&S Lecture Room, 2nd Floor Wisma IEM, PJ
Speaker : Ir. Hj. Ahmad Khairiri bin Abdul Ghani

BEM Approved CPD/PDP Hours: 2
Ref. No.: IEM17/HQ/268/T

SYNOPSIS

The presentation will share the author's experience in load out activities and its' various methodologies. Load-out is the process of transferring offshore structure from fabrication yard onto the transportation barge/vessel and the process of structure's sea fastening prior to sail away. The load-out process generates load-out forces on the structure as it moves from the fabrication yard to the barge. Most often, these activities are performed at the fabrication yard which is located near the sea area.

Prior to the commencement of fabrication, the site area must be investigated and analyzed to be performing well during the fabrication, as well as during load-out condition. Hence, environmental factors among other wind loading/direction and the tide plays an important aspect in these activities. There are various types of load out methodology available in the market. This include the skidding, lifting and trolleyed load-out. Each with its' own limitation and benefits. The presentation will also explore and share the various load-out activities conducted by the various fabrication yard, its limitation and capability from the owner perspective. What can be done to further enhance the yard capability? Part of the load-out process includes sea fastening where the structure need to be sea fastened prior to sail away. PETRONAS best practices are captured and impose to the various fabrication yard through it PETRONAS Technical Standard (PTS) which will also be highlighted here.

BIODATA OF SPEAKER

Ir. Hj. Ahmad Khairiri is a Chartered Engineer, a Fellow to the Institution of Mechanical Engineers, United Kingdom, and a Professional Engineer with the Board of Engineers Malaysia. Currently, he is with Global Project Delivery, Project Delivery & Technology Division of PETRONAS. Responsible in ensuring the governance of onshore construction and fabrication work. Recently completed task include the load-out activities of F12, Angsi-Besar and Bardegg jackets and topsides. Previously, he was responsible to ensure the successful completion of the offshore installation hook up work for PETRONAS first floating LNG, PFLNG SATU Project. He was with PETRONAS Carigali Sdn Bhd, OGP Technical Services Sdn Bhd and PETRONAS Gas Bhd involving in various project locally and globally.

Ir. Hj. Ahmad Khairiri holds a BSc. in Mechanical Engineering from the California State University Fresno, California, USA in 1997, completed his MBA from the Malaysian National University, Bangi, Malaysia, and International Graduate Certificate in International Management, the University of Melbourne, Australia. He sits in the Industry Advisory Panel at Universiti Malaysia Pahang and previously at Universiti Teknologi PETRONAS. Panel with Engineering Accreditation Council, BEM. In addition, he established and involved in various charitable work under the Bunga Raya Foundation.

Ir. Mohd Azwira Mohd Azmi
Chairman
Oil, Gas and Mining Technical Division

ANNOUNCEMENTS TO NOTE:

- **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.
- Limited seats are available on a "first come first served" basis (maximum 100 participants). **To secure your seat, kindly register online at www.myiem.org.my.**

ADMINISTRATIVE FEE

- Kindly be informed that an administrative fee of **RM15** is payable for talks organized by IEM. GST is inclusive.
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