



TECHNICAL TALK ON “AN OVERVIEW OF FPSO STRUCTURAL DESIGN”

Organised by Oil, Gas and Mining Technical Division, IEM
BEM Approved CPD/PDP Hours: 2 Hours Ref No: IEM19/HQ/139/T

Date : 13 April 2019 (Saturday)
Time : 9.00 a.m. – 11.00 a.m.
Venue : C&S and TUS Lecture Room,
2nd Floor, Wisma IEM, Petaling Jaya, Selangor
Speaker : Ir. Jamil Bin Ahmad

SYNOPSIS

Malaysia is emerging as a major deepwater oil and gas production hub. Starting from 1998, the first weatherveaning FPSO was installed named FPSO Perintis. Continually, the weatherveaning mooring type FPSO was constructed and installed such as Bunga Kertas, FPSO Kikeh and the latest is FSO Bergading mainly external turret anchored. The water depth is range from 60m to 1300m water depth.

This presentation will cover the fundamental aspects of the structural design of an FPSO conversion. This will include the selection and the assessment of the hull, the design of structural appurtenances, the design of the topsides structures, the design of different types of the mooring structures and all the interfaces between the hull, topsides and mooring structures. The presentation will also covers the structural challenges and what it takes to produce a safe and optimized structural design without compromising the safety aspect.

SPEAKER BIODATA

Ir. Jamil Bin Ahmad CEng MIMarEST has been working with various offshore structure contractors and client since the past 30 years. Since the last 12 years, he is working with SBM Offshore which is the largest FPSO provider in the world. He is currently holding a position as Structural Manager and is also appointed as the Hull Structural Technical Expert. He involves in the design and leading the structural team for FPSO structural conversion scope on hull appurtenances, structural interfaces and structural mooring. He is also supporting SBM group to produce group technical standard related to the hull structures. He has graduated from Universiti Teknologi Malaysia in Civil Engineering.

Ir. ROZNAN ABDUL RASHID
Chairman,
Oil, Gas and Mining Technical Division (OGMTD)

ANNOUNCEMENT TO NOTE

FEES

(Effective 1st October 2017)

Members

Registration Fee : FOC
Administrative Fee :

Online :RM15
Walk In :RM20

Non-Members

Registration Fee : RM50
Administrative Fee : RM20

- 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

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