ecobuild southeast asia [27-29 MARCH 2018 KLCC & CIDB IBS CENTRE]

IN CONJUNCTION WITH IOW 2018 [26 - 30 MARCH] CO-LOCATED WITH MIIE'18 MALAYSIA IBS INTERNATIONAL EXHIBITION

Ecobuild SEA 2018 Seminar

MSSA
Persatuan Keluli Struktur Malaysia
Malaysian Structural Steel Association

PETRONAS

Date: **27th March 2018 (Tuesday)**
Time: **11.00 a.m. - 12.00 p.m.**
Title: **15,000 MT Module Fabrication.**
The Korean Fabrication Experience
Venue: **Room 2 KL Convention Centre**

Speaker Profile

Abdelrahim Musa Mahgoub Hamadelnil is a Technical professional "Staff Structural Engineer" of PETRONAS. He holds a Master's degree in Civil – Structure engineering with over 10 years of experience in O&G Upstream industry. He is a member of Institute of Marine Engineering, Science and Technology "IMAREST" and registered by the UK engineering council as Charted Engineer. He is an adjunct lecturer and external examiner at University Technology Petronas.

He has served the company in various project management related roles capacities, including the Lead Structural Engineer for PCSB Mega offshore Projects fabricated in South Korea and as senior structural engineer for various PCSB projects fabricated and installed in Malaysia water. His experience working in projects of varying nature and complexity, ranging from engineering design, contracting, procurement, onshore fabrication, offshore installation and hook-up & commissioning of upstream facilities has enabled him to acquire, develop and adopt project best practices specifically in the field of offshore structures design, fabrication and installation.

Synopsis

Onshore yard fabrication work for the construction of oil and gas (O&G) facilities have been on-going for years with rising unexpected challenges faced during Construction Project Management Processes i.e. project initiation, planning, execution, monitoring & control and closing. Successful construction will depend primary on good planning, estimation, contingencies and sound management skills hence it is imperative to be more prescriptive on the Construction Planning requirements to ensure all technical and non-technical aspects of construction are well encompassed.

There are different fabrication methods followed by fabricators around the world based on yard capacities. Korean fabrication yards adopting ship building concept to the construction of offshore structures. This concept differentiates them from other local fabricator in Malaysia. The adoption of this concept helped Korean yard to increase its efficiency and productivity and reduced the construction cost of the oil and gas platforms.

This session will share the fabrication concepts adopted by the Korean fabrication yard Used in the fabrication of Baronia CPP topside of PETRONAS Carigali involving comparisons between fabrication methods of offshore structures by local yards and Korean yards

Oasis Square, C-11-3A, Block C.
No. 2, Jalan PJU 1A/7A, Ara Damansara, PJU 1A,
47301 Petaling Jaya, Selangor Darul Ehsan, Malaysia
Tel : 03-7734 3737 / 7734 3377
Email: corporate@mssa.org.my / resources@mssa.org.my