The Institution of Engineers, Malaysia

WEBINAR ON

OPTIMIZING OFFSHORE MANNING FOR FPSO/FSO PROCESS FACILITIES: A CHEMICAL ENGINEERING PERSPECTIVE ON COMPETENCY, COMPLIANCE, AND OPEX EFFICIENCY

BEM APPROVED CPD: 2
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28 JANUARY 2026,
WEDNESDAY
3.00PM – 5.00PM

REGISTER NOW

SPEAKER:
TS. ANAS MOHD SHAH

REGISTRATION FEE

IEM STUDENT: FOC
IEM MEMBER: RM15
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ORGANISED BY: CHEMICAL ENGINEERING TECHNICAL DIVISION, IEM

SYNOPSIS

This talk presents an engineering-based approach to optimizing offshore manning for FPSO/FSO process operations, balancing competency, regulatory compliance, and cost efficiency. As FPSO/FSO units operate as complex offshore chemical process facilities, effective manpower planning is essential to ensure safe, reliable, and sustainable production. Using methods such as LUND, MEF, FTE assessment, and OREDA-based reliability modelling, the session demonstrates how optimized manning supports process uptime, maintenance effectiveness, process safety management, and long-term OPEX efficiency.

SPEAKER'S PROFILE

Ts. Anas Mohd Shah is a senior offshore operations professional with 23 years of experience in FPSO and FSO Operations & Maintenance, specializing in Operations Readiness & Assurance, offshore manning development, and operational performance improvement. He has contributed to over 10 major ORA projects and has been directly involved in the operations of nine FPSO/FSO vessels in Malaysian waters. His expertise includes production, maintenance, marine operations, safety leadership, and applying data-driven methods such as LUND, MEF, FTE, and OREDA to optimize manning, ensure compliance, and enhance cost efficiency.