IEM
The Institution of Engineers, Malaysia

65 Years ANNIVERSARY 1959 - 2024

WEBINAR TALK

ONSHORE PIPELINE DECOMMISSIONING & ABANDONMENT – WHAT DO WE KNOW ABOUT IT?"

ORGANISED BY:
OIL, GAS AND MINING TECHNICAL DIVISION, IEM

BEM APPROVED CPD: 2
REF NO: IEM24/HQ/356/T (w)

7 SEPTEMBER 2024, SATURDAY

9.00AM - 11.00AM

ZOOM WEBINAR

SPEAKERS:

MR AHMAD FAREODZOLLAH ABD MALIK

REGISTRATION FEE

IEM STUDENT : FOC
IEM MEMBERS: RM15
NON IEM MEMBERS: RM70

MR ZAM ERWANI BIN ZAINAL ABIDIN

www.myiem.org.my

myiem_official

MyIEM HQ Official - General

SYNOPSIS

The decommissioning and abandonment of onshore pipelines is a critical process in the lifecycle management of pipeline infrastructure, addressing environmental, safety, and regulatory concerns. This process involves several key stages: planning, assessment, removal, and site remediation. Initial planning requires a comprehensive evaluation of the pipeline's condition, environmental impact, and compliance with legal requirements. An environmental impact assessment (EIA) is often conducted to identify potential risks and mitigation strategies.

The removal phase involves the physical extraction of the pipeline, which can be challenging depending on the pipeline's location, material, and condition. Safe removal practices are essential to minimize environmental disruption and ensure the safety of workers. After removal, the site undergoes remediation to restore the land to its pre-operation state or to a condition suitable for future use. This may involve soil testing, treatment, and re-vegetation. Throughout the decommissioning process, stakeholders must adhere to regulatory frameworks and best practices to address public and environmental concerns. Properly executed decommissioning not only mitigates long-term environmental risks but also facilitates the sustainable repurposing or redevelopment of land, contributing to broader environmental stewardship and land management goals.

SPEAKER'S PROFILE

Mr Ahmad Fareodzollah B Abd Malik
Staff (Onshore Pipeline Design), GTS/PETRONAS

Ahmad has more than 15 years experience in pipeline industry. He began his career in Jan 2007 in pipeline O&M and has in-depth knowledge & skill in hydraulic simulation and had supported PGB in providing insight of the Peninsular Gas Utilisation (PGU) network performance. He then ventured into pipeline engineering design & installation/construction and had completed several pipeline projects. He is currently holding a position as a Technical Professional in pipeline engineering in PETRONAS Technical Services Sdn. Bhd.

Mr Zam Erwani B Zainal Abidin
Executive (Pipeline Engineering Onshore), GTS/PETRONAS

Zam has more than 25 years experience in pipeline industry. He started his carrier with Gas Malaysia Berhad (GMB) in September 1998. A pipeline engineer in GMB, he managed Engineering, Procurement, Construction and Commissioning (EPCC) of Natural Gas Distribution System pipeline projects throughout Peninsula Malaysia. He joined PETRONAS Carigali Sdn Bhd in 2014 and currently in PETRONAS Group Technical Services (GTS) undertaking front end loading (FEL) engineering studies and EPCC onshore pipeline projects in PETRONAS.