

The Institution of Engineers, Malaysia

Organised by
SAFETY IN ENGINEERING
SPECIAL INTEREST GROUP (SESIG)

WEBINAR TALK ON INTRODUCTION TO HAZOP

DATE
JANUARY 05, 2027 (TUESDAY)

TIME
5:00 PM - 7:00 PM

ZOOM PLATFORM

BEM APPROVED CPD: 2.0 | REF NO: IEM26/HQ/527/T(W)

SYNOPSIS

A Hazard and Operability (HAZOP) study is a formal, systematic and detailed examination of new or existing facilities. It focusses on the process, rather than risks from 'outside the pipe', which are better analyzed using other studies such as HIREC/ HAZID/ HER. A HAZOP assesses the hazard potential, causes and consequences on a facility when there are deviations to the operating conditions, or the manner of operations. Existing safeguards need are reviewed to determine whether they can eliminate the cause or minimize the consequence.

REGISTRATION FEES

IEM Student Member	: FOC
IEM Member	: RM 15.00
Non-Member	: RM 70.00



SPEAKER

Ir. Razmahwata Bin Mohamad Razalli
BA MEng PEng FIEM ACPE ASEAN Eng APEC Eng IntPE(MY) CEng MIChemE

Ir. Razmahwata has 20 years of experience in the oil and gas industry, in both design and operations. He joined ExxonMobil Exploration and Production Malaysia Inc shortly after graduation in 1995. In 1998, he was reassigned to EMEPMI's operations department. His responsibility was to provide technical support to an offshore production facility. His tasks were varied, included troubleshooting day to day challenges, managing retrofit projects, and leading safety cases. He was made the Company's custody metering engineer in 2001, charged with leading the exerciseto ensure the Company compliance with industry and company specifications was enhanced. Whilst in Poyry, Ir. Razmahwata has been a Senior Process Engineer for SembCorp's Betara project. He has HAZOP, HAZID and SIL workshop leadership experience on offshore facilities. He has recently worked on a secondment providing detailed design services to a tanker to FPSO conversion project in Singapore. He supported ExxonMobil in developing measurement manuals, and leading an exercise to validate 59,000 line items. He is currently the Lead Engineer of IGL Services Sdn Bhd.