



THE INSTITUTION OF ENGINEERS, MALAYSIA

Bangunan Ingenieur, Lots 60/62, Jalan 52/4, Peti Surat 223, 46720 Petaling Jaya, Selangor Darul Ehsan
Tel: 03-79684001/2 Fax: 03-79577678 E-mail: sec@iem.org.my IEM Homepage: <http://www.myiem.org.my>

Talk on

“Hazard Identification (HAZID)”

(Organised by Oil, Gas & Mining Technical Division, IEM)

BEM Approved CPD/PDP: 2 Hours

Ref No: IEM15/HQ/280/T

Date : **8 August 2015 (Saturday)**
Time : **9.00 am to 11.00 am** (Refreshments will be served at 8.00 am)
Venue : **Tan Sri Prof. Chin Fung Kee Auditorium, 3rd Floor, Wisma IEM, Petaling Jaya**
Speaker : **Ir. Razmahwata Mohamad Razalli**

SYNOPSIS

A Hazard Identification (HAZID) study in the oil and gas industry is a formal, systematic and detailed examination of the assets and facilities to identify hazards. The HAZID helps determine the magnitude of the causes and consequences of a hazard, and its associated guidewords. The HAZID is typically performed using guidewords. The HAZID will be used as the basis of the asset's Risk Register. The talk will address

- The concept of 'risk'
- The theory behind a HAZID in Malaysia's oil, gas and petrochemical industry
- Risks captured in a HAZID
- HAZID guidewords
- Differences between a HAZID and a HAZOP

BIODATA OF SPEAKER

Ir. Razmahwata has 19 years of experience in the oil and gas industry, in both design and operations. He joined ExxonMobil Exploration and Production Malaysia Inc. (EMEPNI) shortly after graduation in 1995. In 1998, he was re-assigned to EMEPMI's operations department. His responsibility was to provide technical support to an offshore production facility. His tasks were varied from 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 exercise to ensure the Company compliance with industry and company specifications were enhanced.

He later joined Poyry as a Senior Process Engineer for SembCorp's Betara project. He was on secondment to Talisman Malaysia, supporting preliminary work on their Bunga Raya CO₂ removal system and authored a mercury management plan. He was seconded as a Senior Process Engineer at Ranhill-Worley, and subsequently provided project management support to ConocoPhillips Indonesia's (COPI) Singapore Onshore Facilities.

He has HAZOP leadership experience on offshore facilities. He has recently worked on a secondment to provide 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.

Ir. Ahmad Rafidi Mohayiddin

Chairman
Oil, Gas & Mining Technical Division, IEM

ANNOUNCEMENTS TO NOTE:

- Preferential admission to talk shall be accorded to IEM members (pre-registration and online registration are NOT required). Telephone and/or fax reservation will NOT be entertained.
- **Non members** may also attend the talk but will need to pay a registration fee of **RM50** and an administrative fee of **RM15**. GST is inclusive.
- For members of affiliated organisations, there will be no registration fee payable. However, they are requested to produce their membership card as proof of membership. For the list of affiliated organisations, please refer to IEM website at www.myiem.org.my under International/MoU.
- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- IEM members are required to produce membership cards for confirmation of attendance (CPD purpose).
- Latecomers will not be allowed to enter if the lecture hall is full nor be entitled to CPD.
- **IEM members who fail to produce their membership cards will be charged a fee of RM25.00. GST is inclusive.**

ADMINISTRATIVE FEE

- Kindly be informed that an administrative fee of **RM15** is payable for talks organized by IEM. GST is inclusive.
- The fee would be used to cover overhead costs, building maintenance expenses as well as contribute to Wisma IEM Building Fund.
- All contributions will be deeply appreciated by IEM.
- Student Members are however exempted.

CPD/PDP HOURS CONFIRMATION

Name:

Membership No:

Signature: