



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

“FIRE AND GAS DETECTION SYSTEMS ON OFFSHORE PLATFORM”

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

BEM Approved CPD/PDP: 2 Hours

Ref No: IEM15/HQ/303/T

Date : 12th September 2015 (Saturday)
Time : 9.00 am to 11.00 am (Refreshments will be served at 8.30 am)
Venue : Tan Sri Prof. Chin Fung Kee Auditorium, 3rd Floor, Wisma IEM, Petaling Jaya
Speaker : Ir. Gan Chun Chet

SYNOPSIS

Offshore platforms are equipped with a fire and gas detection technology to mitigate a hazardous situation. Calculated risk analysis (through simulation) has improved the risk of a catastrophic fire incidents around the region. An analysis by utilizing fire and gas mapping calculates the chances of a fire risk. This technique is widely used today and is still continuously being developed for improvement purposes. With proper forecasting or predictive technique, a failure can be avoided.

In an uncertainty situation, the risks among the people working on an offshore platform increase when there is a fire and gas detection system failure. An investment in a reliable fire and gas detection system is a necessity. A fail-safe system design which shutdowns the platform to protect the assets, environment and people, when a fire or gas leakage occurs must be available, be reliable and be dependable when required.

BIODATA OF SPEAKER

Ir. Gan Chun Chet is a Mechanical Engineering graduate from the University of Manchester, United Kingdom in 1996. He also has a Masters of Science in Operations Management awarded by University of Manchester Institute of Science and Technology (UMIST), United Kingdom in 1997.

He started his career with the General Industry, and later moved to the Oil and Gas Industry where he has accumulated 17 years of working experience. In the general industry, he worked together with an engineering team to resolve daily Plant issues encountered. Some of the problems consisted of noise problems, and compressor/pumps vibration problems. Monitoring the progress and taking actions are vital to resolve the issues.

In the oil and gas industry, he works with other engineers in the area of predicting equipment failures. Practices such as redundancy, field voting, review check activities, are some examples of practices in failure mitigations.

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: