



# The Institution of Engineers, Malaysia

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## Pre AGM Talk on “Lessons learnt from Past Process Safety Incidents.”

Organised by the Chemical Engineering Technical Division, IEM

BEM Approved CPD/PDP Hours: 2 Ref No: IEM15/HQ/350/T

Date: ~~3 October 2015 (Saturday)~~  
**Reschedule to 10 October 2015, Saturday**

Time: 9.00 am – 11.00 am

Venue: Auditorium Chin Fung Kee, 3<sup>rd</sup> Floor, Wisma IEM, Petaling Jaya

Speaker: Mohd Rizal Mohd Tajuddin

### SYNOPSIS

Process Safety Incidents could result in large loss of lives, asset damage; environmental damage and reputation loss. Learning from the past incidents are well mentioned in many journals or articles BUT people are still struggling to learn from it hence similar incident happened. What went wrong?

Incident prevention is strongly based on learning from previous incidents either its internal or external accidents. Learn as much as possible about the cause of accidents will prevent similar accident reoccurrence.

*“Hundreds of safety incidents still occur every year in the process industries, showing that old lessons still haven't been learnt. We need to change the mindset at the very top of organizations, starting with the boardrooms” UK Health and Safety Executive (HSE) Chairman Judith Hiskitt.*

The talk is intended to provide an appreciation of past process safety incidents, identify the common underlying cause amongst the major past process safety incidents, the lessons that have and can further be learnt, barriers that have hindered opportunities to prevent repeat events and suggested enablers to incorporate lessons into the heart of engineering.

### BIODATA OF SPEAKER

Mohd Rizal Mohd Tajuddin is a Technical Safety Engineer with almost fifteen (15+) years of working experience, in both engineering and operations. He has worked on diverse projects in chemical industries, petrochemical industries, water treatment facilities, onshore and offshore facilities locally and internationally. He was trained as a Technical Safety cum Process Safety Engineer with PLC International, Worley Parsons, PETROFAC and PETRONAS. He was the Technical Safety Specialist of Upstream HSE, PETRONAS. He has been working with various projects starting from conceptual stage until handover and follow on to Operation and Maintenance phases with various Oil and Gas Operators BP, ExxonMobil, PETRONAS, SHELL, ConocoPhillips and Woodside. He has been seconded to various project offices including overseas assignment to Jakarta, Indonesia as well as Perth, Australia for ConocoPhillips and Woodside projects. His expertise include engineering safety, risk assessment and management, asset integrity and reliability.

### ANNOUNCEMENTS TO NOTE:

- Preferential admission to talk shall be accorded to IEM members (pre-registration and online registration are NOT required).
- Non members may attend the talk but will need to pay a registration fee of RM50 and an administrative fee of RM15. GST is inclusive.
- Members of affiliated organisations upon producing their membership cards will be exempted from paying registration fee. Administrative fee is nevertheless applicable.
- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- IEM members are reminded to produce membership cards for confirmation of attendance (CPD purpose) failing which a fee of RM25 will be imposed (GST 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.

### PERSONAL DATA PROTECTION ACT

I have read and understood the IEM's Personal Data Protection Notice published on IEM's website at <http://www.myiem.org.my> and I agree to IEM's use and processing of my personal data as set out in the said notice.

### CPD HOURS CONFIRMATION

Name: .....

Membership No:.....

Signature: .....

**Ir. Thayanathan Balakrishnan**  
Chairman  
Chemical Engineering Technical Division, IEM