



ORGANISED BY:
CHEMICAL ENGINEERING TECHNICAL DIVISION (TUSTD), IEM

BEM APPROVED CPD: APPLYING

REF NO: APPLYING

WEBINAR TALK ON PROCESS SAFETY IN THE DESIGN STAGE

Date : 3 September 2025 (Wednesday)
Time : 2.30 pm - 4.30 pm
Platform : Zoom

Registration Fees:

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

Synopsis

In Oil, Gas and Petrochemical Industries, Major accidents have the potential to result in hundreds of millions of dollars of physical damage, present a danger to employees and the local population, and can lead to significant business interruption. However, there are steps that can be taken at Design Stage to address major Accident Hazards (MAH) threats and minimise the risk of a serious accident. Process Safety in the design stage involves fundamental elements in the initial planning which include integrating safety considerations and design of a process to prevent accidents and minimise risks throughout its lifecycles. This technical talk on Process Safety in the Design Stage will provide guidance on the application of process safety and inherently safer design principles to the initial planning of an engineering project. This will assist participants better understand of ways and tools can be applied to ensure process safety and Inherently Safer Design concepts are considered throughout the project life cycles.

Speakers Profile



Ir. Mohamad Rosli is the PSM Head of Refinery Project, PT&HSSE in PETRONAS. He has more than 18 years of Process Safety experience in Oil, Gas & Petrochemical industry. His role includes Project Technical Authority (PTA) for the project supervised by him. Registered with BEM as Professional Engineer with Practising Certificate (PEPC). Ir Mohamad Rosli hold a Bachelor Degree of Chemical Engineering from Louisiana Technology University, USA.

Hasnul Adib is a Process Safety Staff Engineer at PETRONAS Global Technical Solutions Sdn. Bhd. (PGTSSB), with 15 years of experience in the oil and gas industry. He previously served as an Operations Engineer and Technologist at Malaysia LNG Sdn. Bhd. In his current role, he provides process safety consultancy to various PETRONAS assets and projects. Adib holds a degree in Chemical Engineering from Universiti Teknologi PETRONAS (UTP), which he earned in 2009.

