

# PHYSICAL POWER TALK ON FIRE SAFETY – FIRE FIGHTING SYSTEM SELECTION

BEM Approved CPDHours : 1.5

Ref No. : IEM25/HQ/433/T

Organised By :

Chemical Engineering Technical Division (CETD), IEM



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*Fire Fighting System Selection and striking a balance between compliance with regulations, risk-informed design, and prescriptive codes. However, strategic planning in selecting the appropriate fire fighting system is essential since fire protection systems can be costly and require continual maintenance and life cycle.*

*To support the sustainability agenda, the selection should also integrate safety frameworks that account for potential environmental impacts and human exposure.*



**12th September 2025, Friday**

**4.00pm - 5.30pm**



**Lounge 5, Hall 5, KLCC**



**Moderator:**

**Ir. Mohamad Anwar Ahmad**



**Ts. Dal Raaj Singh  
Sandhu**

Ts. Dal Raaj Singh Sandhu has established a remarkable career spanning over two decades in the field of Health, Safety, and Environment (HSE) and fire safety. Beginning as an HSE officer in the oil and gas industry, specifically in construction and commissioning, he has gained extensive experience across various sectors, including building construction and petrochemical plants.

Currently serving as the Principal Fire Safety/ER with Petronas Downstream Business, he possesses strong expertise in HSE engineering and fire safety. He is also a technical Fire Risk Assessor with the Institute of Fire Engineering Malaysia and an affiliated member of the Institute of Fire Engineering Malaysia.

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