



The Institution of Engineers, Malaysia

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TALK ON ARC FLASH PROTECTION

(Jointly organised by Electrical Engineering, Technical Division and Senior Special Interest Group, IEM)

BEM Approved CPD/PDP Hours: 2

Ref. No. : IEM18/HQ/326/T

Date : 11th August 2018 (Saturday)
Time : 9.00am – 11.00am (*Refreshments will be served at 8.30am*)
Venue : Malakoff Auditorium, Ground Floor, Wisma IEM, Petaling Jaya
Speaker : Ir. Lee Teck Hock

SYNOPSIS

Arc Fault incidences can occur anytime and anywhere as long as electricity is still the best choice for transferring energy. The severity of the consequences of arc flash incidents can be total damage to equipment and plant. The worst will be fatality of human lives. In this presentation, Ir. Lee will share with you the following:

- What is an Arc Flash
- The consequences of an Arc Flash
- Understanding Arc Flash
- Arc Flash Hazard Safety Studies and Assessment methods
- Is PPE enough
- Various Protection methods to deal with Arc Flash
- Arc Flash Protection available
- Reduction in energy magnitudes with proper arc flash protection
- Examples of arc protection implementation

This presentation is targeted to engineers who are not familiar with the danger when working with live electrical equipment. Understanding the risk of arc flash incidents and ways to mitigate this danger will help to minimize pain and sufferings.

SPEAKER'S BIODATA

Ir. Lee Teck Hock graduated as an Electrical and Electronics Engineer from Queen Mary College, University of London in 1980. He also holds a Master of Business Administration from University of Malaya. Ir. Lee has more than 37 years of experience in the Electrical Power Industry. He served at Lembaga Letrik Negara and Tenaga Nasional Berhad for 16 years after graduating in 1980. At LLN/TNB, he had the opportunity to learn the ropes of the Electrical Power Industry. He obtained his MIEM in 1987 and was admitted as a Professional Engineer in 1988. With his experience in working at high voltage installations whilst at LLN/TNB, Ir. Lee was successful in obtaining his Competent Electrical Engineer (NIL restriction) Certification from Jabatan Bekalan Elektrik in 1990.

Ir. Lee joined the private sector in 1996. In 1997, he founded Simpro Engineering Sdn Bhd specializing in the field of protection, controlling and monitoring of electrical assets. His company is associated with Schweitzer Engineering Laboratories (USA), Doble Engineering (USA), Morgan Schaffer (Canada), Vanguard Instruments (USA), and Ametek Power Instruments (USA).

Ir. Chong Chew Fan
Chairman
Electrical Engineering Technical Division, IEM

Ir. Frankie Chong
Chairman
Senior Special Interest Group, IEM

FEE ANNOUNCEMENT (Effective: 1st October 2017)

Members:

- (i) Registration Fee: No Charge
- (ii) Administrative Fee:
 - (a) Online RM15
 - (b) Walk-In RM20

Non-Members:

- (i) Registration Fee: RM50
- (ii) Administrative Fee: RM20

• Limited seats are available on a "first come first served" basis (maximum 100 participants).

• To secure your seat, kindly register online at www.myiem.org.my

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CPD Hours Validation:

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