



# THE INSTITUTION OF ENGINEERS, MALAYSIA

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## PRE AGM TALK ON "LATEST ST UPDATES ON ELECTRICITY SUPPLY ACT AND REGULATION & ROUTE TO ST COMPETENT ENGINEER & SERVICE ENGINEER"

Organised by: the Electrical Engineering Technical Division, IEM  
BEM Approved CPD/PDP Hours:2 Ref No: IEM16/HQ/169/T

**Date :** 7<sup>th</sup> May 2016 (Saturday)  
**Time :** 9.00am to 11.00am  
*(Refreshment will be served at 2<sup>nd</sup> Flr from 8.30am onwards)*  
**Venue :** Auditorium Tan Sri Chin Fung Kee, 3<sup>rd</sup> Floor, Wisma IEM  
**Speaker :** En. Mohd Elmi Bin Anas & Ir. Shafie Bin Mohamed

### SYNOPSIS 1

Electrical Safety Legislation Updates –Amendment of Electricity Supply Act 1990 with respect to improving Safety Practices Abstract

Act and Regulation need to be reviewed from time to time, enhanced and streamlined with the development and practice in the electricity supply industry. The Electricity Supply (Amendment) Act 2015 also known as Act A1501 was passed by parliament in July 2015 and came into force on the 1st Jan 2016. Four major aspects have been enhanced in order for more effective regulatory and enforcement activities to be carried out by Energy Commission that's government framework, safety practices through codes of practice, protection of consumer interest and application of latest technology. Apart from these, a heavier penalties for offence have been imposed. In safety aspect, the Energy Commission will be more involved in the regulation of safety management practices via the implementation of safety codes.

### SYNOPSIS 2

Prosedur Untuk Menjadi Jurutera Elektrik Kompeten dan Jurutera Perkhidmatan Elektrik Serta Tugas-Tugasnya.

- Kawalan kekompetenan ke atas pemasangan elektrik.
- Keperluan orang kompeten elektrik untuk mengerjakan, mengendali atau mempunyai kawalan ke atas apa-apa kerja atau pengendalian sesuatu pemasangan elektrik.
- Kategori dan tanggungjawab orang kompeten secara umum.
- Peperiksaan Kekompetenan Jurutera Elektrik Kompeten (JEK) dan Jurutera Perkhidmatan Elektrik (JPE)
- Syarat-syarat untuk menjadi JEK dan JPE
- Peperiksaan JEK dan JPE
- Pemeriksaan pemasangan elektrik oleh orang kompeten.
- Pendaftaran Kontraktor Perkhidmatan bagi kerja-kerja penyenggaraan dan pembaikan, baikpulih dan servis penentuan, ujian dan pelakuan mana-mana pemasangan atau kelengkapan elektrik.

### BIODATA OF SPEAKER 1

**Mohd Elmi Anas** obtained his Bachelor of Engineering Degree from University of Tasmania, Australia in 1996. He has more than 15 years of working experience in electricity supply industry which includes design in electrical work for hospital, regulatory functions and enforcement.

His first career after graduation started as an electrical engineer, responsible for designing hospital buildings for government project in Public Work Department. After one year in Public Work Department, he was transferred to the Department of Electricity and Gas Supply Malaysia as an Assistant Director overseeing and monitoring the electricity supply industry in Malaysia. In 2001, he joined Energy Commission also as an Assistant Director and in 2007 he was promoted to become Regional Head at Sandakan office regulating electricity supply in East Coast of Sabah. After nearly 5 years in Sandakan Sabah, he was promoted to become the Director of Energy Management and Industry Development Department at Putrajaya Head Quarters. Under this department, he is responsible for overseeing the development of energy resources of the country, energy efficiency activities which includes demand side management, setting up of regulatory framework for MEPS and ESCO and etc. Under this department he also coordinated energy information activities such as statistics and data management and also involved in the industry development activities.

Since January 2015, he has been tasked to lead the Department of Electrical Safety Regulation in charge of electrical safety in the activities of electricity generation, transmission and distribution among others, issuance of certificates of competency and accreditation of institution for competent person, electrical equipment approval, development of electrical safety standard/guidelines and establish policies in the aspect of electrical safety.

### BIODATA OF SPEAKER 2

Ir. Shafie Bin Mohamed telah bekerja di badan kawalselia elektrik sejak 1991 hingga sekarang. Memegang jawatan sebagai Ketua Unit Kekompetenan Elektrik di Jabatan Keselamatan Elektrik, Suruhanjaya Tenaga. Bertanggungjawab ke atas pelaksanaan peperiksaan kekompetenan elektrik Suruhanjaya Tenaga dan juga pembangunan polisi yang berkaitan dengannya.

Pemah berkhidmat dengan Lembaga Elektrik Negara (LLN) / Tenaga Nasional Berhad (TNB) di Stesen Janakuasa Elektrik Port Dickson, Negeri Sembilan dan Institut Latihan Sultan Ahmad Shah (ILSAS).

Merupakan seorang Jurutera Elektrik Profesional sejak 1998, berdaftar dengan Lembaga Jurutera Malaysia, Ahli Institute of Engineers Malaysia, seorang Jurutera Elektrik Kompeten dan Jurutera Perkhidmatan Elektrik.

#### **ANNOUNCEMENTS TO NOTE:**

- Preferential admission to talk shall be accorded to IEM members (**pre-registration and online registration are NOT required**).
- **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.
- 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. Yau Chau Fong**  
**Chairman**  
**Electrical Engineering Technical Division, IEM**