



THE INSTITUTION OF ENGINEERS, MALAYSIA

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Pre-AGM Talk on “Lightning Protection” (Organised by Electrical Engineering Technical Division, IEM)

Date : 10th May 2014 (Saturday)
Time : 9.00 a.m. – 11.00 a.m.
Venue : Tan Sri Chin Fung Kee Auditorium,
Wisma IEM, Petaling Jaya
Speaker : Dato’ Jimmy Lim

SYNOPSIS

Introduction to MS IEC 62305 lightning protection standard and brief overview of its four parts:

- Part I: General Principles
- Part 2: Risk Assessment
- Part 3: Physical damage to structures and life hazard
- Part 4: Electrical & electronic systems within structures

Implementation of MS IEC 62305 with special emphasis on Risk Assessment, focusing on four main risks associated with lightning strike:

- R1: Risk of loss of life
- R2: Risk of loss of service to the public
- R3: Risk of loss of cultural heritage
- R4: Risk of loss of economic value

Radioactive lightning terminals in Malaysia

Discussion about the continued presence of radioactive lightning terminals, its effects on the environment and measures that can be adopted to phase out such terminals

Biodata of Speaker

Dato’ Jimmy Lim is an Electrical Engineer by profession and is the founder and currently the CEO of Tokai Group of Companies. By combining his academic qualifications and work in his career, Dato’ Jimmy has built Tokai into a Market Leader in the field of Lightning and Security Engineering Solutions in Malaysia. Under his leadership, Tokai has grown from a small firm specializing in only lightning protection into what it is today a regional market leader in Lightning Protection and Security Engineering. Currently, Dato Jimmy is leading the project team for the MRT Project, whereby Tokai is involved in designing and installing the Earthing System for this prestigious national project. So far Tokai has completed the Cochrane MRT Station, KL Sentral MRT Station, South Portal MRT Station and the Merdeka MRT Station.

Ir. Lam Sing Yew
Chairman,
Electrical Engineering Technical Division, IEM

ANNOUNCEMENT TO NOTE

1. Talk is **STRICTLY** for IEM members only (pre-registration is **NOT** required). **Telephone and/or fax reservation will NOT be entertained.**
2. Non Members may also attend the talk and will be charged a registration fee of **RM 50** and an Administrative fee or **RM 10.**
3. For affiliate members, there will be no registration fee, However, They are requested to produce their Membership Card as a proof of Membership, for the list of affiliate, Please refer www.myiem.org.my/content/memorandum_of_understanding469.aspx
4. IEM members are required to produce your **membership cards** for confirmation of attendance (CPD purpose).
5. Latecomers will not be allowed to enter if the lecture hall is full nor be entitled to CPD.

IEM members who fail to produce their membership cards will be charged a fee of RM20.00

FUNDS FOR IEM NEW BUILDING (WISMA IEM)

Kindly be informed that participants will be charged **RM10.00** administrative fee for talks organized by IEM. The fee will be used for overhead costs, building maintenance expenses as well as to support the purchase of Wisma IEM. However, students are exempted. Your understanding is much appreciated.

**BEM Approved CPD/PDP: 2 Hours
IEM14/HQ/158/T**

Name:

Membership No:

Signature: