



THE INSTITUTION OF ENGINEERS, MALAYSIA

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TALK ON “OVERVIEW OF IEC 62305”

Organised by: the Electrical Engineering Technical Division, IEM

BEM Approved CPD/PDP Hours: 2 Ref No: IEM16/HQ/125/T

Date : 26th April 2016 (Tuesday)
Time : 5.30pm to 7.30
(Refreshment will be served at 2nd Flr from 5.00pm onwards)
Venue : Auditorium Tan Sri Prof Chin Fung Kee, 3rd Floor, Wisma IEM
Speaker : Ir. Raymond Ong & Ray Khan

SYNOPSIS

In an ever-changing pace of technological development, where lightning activities are increasingly taking place at the core of our society, lack of basic understanding on lightning protection can easily cripple any industrial, commercial and government organizations. This is why, having a clear understanding of international lightning protection standards is critical for the protection of lives, properties and equipment.

IEC 62305 Lightning Protection Standards are required on integrated structures, electrical and electronic system. In analysis, proper risk calculation must be considered to the protection of structures, electrical and electronic systems.

About the programme

IEC 62305 (4 part Overview workshop) is a 2 hour workshop that targets on the general principles used in IEC 62305 part 1,2 3 & 5. By doing so, this will prepare you to have a augmented scientific understanding of lightning protection standards and give you a clearer picture when embarking on the actual workshop designed for IEC 62305 part 1 to 4.

In additional within this 2 hour session, we are going to cover a 20min Q&A session where the audience get to post their questions pertaining to lightning protection, and this too will be a fruitful learning opportunity for the rest as well.

BIODATA OF SPEAKERS

Ir. Raymond Ong has been in the data centre infrastructure industry for the past 12 years and has extensive experience and technical expertise in designing, auditing and project managing turnkey solutions for data centres and server rooms. In addition, he is also a competent air-conditioning systems designer with emphasis on energy efficiency.

He has garnered extensive experience throughout the South East Asian region and gained his experience from working with data centre systems provider like Emerson Network Power and American Power Conversion (APC). Ir. Raymond Ong also has experience as a Research & Development Project Manager for air-conditioning systems at Dunham-Bush (M) Sdn. Bhd. In addition, Ir. Raymond Ong is also has conducted speaking assignments on Data Center Design for organizations like Dell and Pacific Internet.

Ir. Raymond Ong has designed, implemented, audited or project managed the following major data centre projects:

Ray Khan has 15 years' experience in electrical industry. He started his engineering career with system integrator in proposing, tendering and managing large scale projects, (eg: water treatment plant, residential and commercial building) projects in Asia. He later joined Phoenix Contact where he acquired an extensive and in-depth knowledge in surge protective device (SPD) and protective methods for electrical and electronic systems and equipment against electrical transients. After, he served Thomas & Betts Asia, where he was assigned the position to be the product manager for FURSE During his service, he acquired the skill of designing lightning protection using conventional lightning protection standards and on top of that he was trained in depth on lightning protection standards, where later he conducted multiple seminars and workshops to clients around Asia.

Graduating from University of New Castle Australia and equipped with both set career experiences, have given him sufficient exposure towards lightning protection. Now, being part of a member with LPI (Lightning Protection International), Ray is assigned the position to be the trainer for lightning protection that has being recognized as a world leading brand in the lightning protection industry that has a proven track record spanning years.

Ir. Yau Chau Fong
Chairman
Electrical Engineering Technical Division, IEM

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

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CPD HOURS CONFIRMATION

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Membership No:

Signature: