

Half-Day Seminar on “MS IEC 62305 Series”

Date : Saturday, 13th July 2019
Venue : IEM (Southern Branch) Training Centre, 24-B Jalan Abiad, Taman Tebrau Jaya, Johor Bahru
Speaker : Mr. Shailendra Kumar, Product Manager-Thomas & Betts, ABB group Singapore.

Synopsis

Protection of people, livestock, buildings, and equipment, especially modern IT and medical equipment against hazards are indispensable in electrical system design. The guidance given by BS 6651: Code of Practice for Protection of Structure against Lightning practiced in Malaysia may underestimate the threat and the protection against lightning hazards. The new IEC 62305 (MS IEC 62305) international standards series, which replaces BS 6651 addresses the shortcomings of BS 6651.

Objective

Discuss the problems caused by lightning, the effective protective solutions to ensure electrical system reliability and business continuity and profitability, and the key changes of IEC62305 standards compared with BS 6651.

Time	Tentative Programme
8.30 a.m. – 9.00 a.m.	Registration
9.00 a.m. – 9.10 a.m.	- Welcome Speech By IEM (SB) Organising Committee
9.10 a.m. – 10.15 a.m.	- Session 1 - Definitions of the classes of structural lightning protection systems - Designing an air termination system using the protective angle, rolling sphere and mesh Methods - Down conductor systems - Earth termination systems - Separation (isolation) distance of the external LPS - The application of surge protection devices in protecting structure (Type I) - Maintenance and Inspection of LPS
10.15 a.m. – 10.30 a.m.	- Refreshment Break
10.30 a.m. – 11.30 a.m.	- Session 2 - LEMP Protection Measure System (LPMS) - LPZ concept - Earthing and bonding - Line routing and shielding
11.30.m. – 12.30 p.m.	Session 3 - Co-coordinated SPDs - Inspection and maintenance of LPMS - Case study (Similar to the Furse Lightning Consultant/Engineer Guide Book) - BS 7430
12.30 p.m. – 1.00 p.m.	- Discussion/Question & Answer Session
1.00 p.m.	Closing & Lunch

Speaker Biodata

Mr. Shailendra Kumar graduated with B.Sc. (Electrical Engineering) from Babasaheb Bhimrao Ambedkar University, India in the year 1992. He has more than 25 years' experience in engineering & design of Lighting, Lightning & Grounding working with companies like Philips, GE & ABB and has been involved in design & supervision of prestigious projects e.g. Burj Khalifa, Dubai Metro, etc. Mr. Kumar has conducted over 250 seminars & workshops on Grounding & Lightning protection across the globe and has worked closely with major electrical consultants & contractors on the subject.

Participant Fees:

Grade	Online	Normal
IEM Corporate Member & Graduate Members (30 years and above)	RM 110.00	RM 130.00
IEM Senior Engineers (60 years and above)	RM 90.00	RM 110.00
IEM Graduate Members (Below 30 years)	RM 90.00	RM 110.00
IEM Student Members	RM 60.00	RM 80.00
Non IEM Member	RM 180.00	RM 200.00

Closing Date: 9th July 2019

For **ONLINE REGISTRATION**, payment **MUST BE MADE VIA ONLINE PAYMENT** (bank-in the participant fees into the Institution's Maybank Current Account (No. 5-013920-15708) before the **closing date**. Registration will be on a first-come-first-serve basis. Kindly return the Reply Slip to the IEM (SB) office before **9th July 2019** together with a non-refundable cheque for the participant fees made payable to **The Institution of Engineers, Malaysia (Southern Branch)**. Alternatively, you could bank-in the participant fees into the Institution's Maybank Current Account (No. 5-013920-15708), and to facsimile both the Bank-in and Reply Slips to the Institution. The Institution requests all members co-operation in ensuring fees are paid in advance to the seminar. Please also be reminded that fees will not be refunded to absent participants who have paid, and to also note that all reservations must be paid despite participant cancellations. Thank you for your continuous support of the Institution.

Chairman, Sub-Committee on Seminar and Technical Talk, IEM (SB)

REPLY SLIP

BEM Approved
CPD HOURS: 3.5
Ref No: IEM19/PP/022/S

To: Hon. Secretary, The Institution Of Engineers, Malaysia (Southern Branch) **FAX: 07 - 331 9710**

Half-Day Seminar on "MS IEC 62305 Series"

Saturday, 13th July 2019, 9.00 a.m. – 1.00 p.m. at the IEM (Southern Branch) Training Centre, Johor Bahru

I wish to attend the above talk. I enclosed herewith a cheque No. for the amount of RM.....as payment for the seminar fee.

Name of Member:Membership No:.....

I/C No:

Address:Tel (O): Fax :.....

.....Tel (H/P):.....

.....E-mail:.....

Company's Name:

Signature: Date:

Note: For IEM members, membership cards should be presented for identification purpose. Failure to present the card, one will be declared as a non-IEM member and he/she will be required to pay the non-IEM member fee.

PERSONAL DATA PROTECTION ACT

I have read and understood IEM's Personal Data Protection Notice published on IEM's website at www.myiem.org.my and I agree to IEM's use and processing of my personal data