

Webinar: Lightning Protection & Risk Analysis Based on MS IEC 62035 – Session 2

Date : Saturday, 27 November 2021
Time : 9.00 a.m. – 1.00 p.m. (Registration start at 8.30 a.m.)
Venue : ZOOM Application
Speaker : Mr. Ritesh Lutchman, Wise Pro Sdn. Bhd.

Synopsis

This webinar will explain on how to:

1. Save up to 33% costs of material and labour by knowing the materials and installation methods while still complying to MS IEC 62035 standard
2. Material, configuration and minimum cross-sectional area of air-termination conductors, air-termination rods, earth lead-in rods and down-conductors
3. Material, configuration and minimum dimensions of earth electrodes

We will also discuss on Internal Lighting Protection MS IEC 62035 Part 4:

1. Does Surge Protective Devices (SPD) rated 200kA able to withstand a 200kA surge - 10/350 μ s or 8/20 μ s?
2. International Standard application - IEEE (UL), BS, AS, or IEC Standard? What are the differences?
3. Correct application for Lightning Current Protection (10/350 μ s) and Surge (Transient) Current (8/20 μ s)
4. Differences in energy level for 10/350 μ s and 8/20 μ s
5. Differences and Comparison in Class I (Type1), Class II (Type2) and Class III (Type3) for all types of SPD
6. Ensuring the correct Fuses / Moulded Case Circuit Breaker (MCCB) rating

This webinar will give better understanding to Engineers and Designers on the application of risk analysis and how to apply the risk analysis outcome to the lightning protection design (External and Internal).

About the Speaker:

Mr. Ritesh Lutchman obtained his Bachelor's degree in Electrical Engineering from the University of Cape Town in 2003 and Master's Degree in Electrical Engineering in 2005. He is currently the Senior Sales and Marketing Manager at Wisepro Sdn. Bhd. He has been working in the industry for the past 15 years and has gathered great experience in the design, installation, troubleshooting, and site works for the industries mentioned above. He has received extensive training on the Lightning Protection at DEHN Headquarters in Germany. He also received training on power factor capacitors, reactors and harmonics at SHIZUKI Headquarters in Japan, and ATS applications and troubleshooting at VITZROTECH Headquarters in Korea.

Participant Fees:

	Online
IEM Member	RM 60.00
IEM Student Member	RM 30.00
Non-Member	RM 120.00

Closing Date: 26 November 2021 @ 5.00 p.m.

The webinar is strictly limited to **90 participants** only. Registration will be on a first-come-first-serve basis. Kindly return the reply slip to the IEM (SB) office before **26 November 2021 @ 5.00 p.m.** 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 email 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)

BEM Approved
CPD Hours: 4.0
Ref. No.: IEM21/SB/434/T (w)

REPLY SLIP

To: Hon. Secretary, The Institution of Engineers, Malaysia (Southern Branch) **Fax: 07 – 3363406**
Webinar: Lightning Protection & Risk Analysis Based on MS IEC 62035 – Session 2
Saturday, 27 November 2021, 9.00 a.m. –1.00 p.m.
Via ZOOM Application
Link to join will be provided after registration

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

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 - Participants are to login with FULL NAME as verification of Attendance for the whole duration of the event.

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