



Overview
of
National Lightning Protection Standards

Training Programme
by
Faculty of Engineering
Multimedia University

Overview

It is imperative for all structures to be sufficiently protected against lightning strike in Malaysia, which has among the highest lightning flash density in the world. Lightning strike not only causes injuries but also economic damages which can be significantly minimised. To mitigate the negative impacts caused by lightning strikes, all structures have to comply with the national lightning protection standards MS IEC 62305 as warranted by the Circular issued by Suruhanjaya Tenaga back in 2011. So what is compliance to MS IEC 62305? As an electrical engineer, is my design complying to MS IEC 62305? As a factory owner, can my operation line continuously run without being interrupted by lightning surge? As a resident of a condominium, is my home safe from the hazards of lightning strike? This workshop attempts to clear the aforementioned doubts.

Objective

To provide an overview of national lightning protection standards to targeted audiences.

Target Audience

Facility managers/owners, residents of high rise buildings, electrical contractors, consultant engineers.

Prerequisite

None.

Training Methodology

Classroom.

Course Duration

1 day.

Content/Outline

Part I (General Principles)

Part II (Risk Management)

Part III (Physical Damage to Structures & Life Hazards)

Part IV (Electrical & Electronic Systems Within Structures)

Course Instructors

Ir. Dr. Siow Chun Lim

Ir. Dr. Siow Chun Lim attained his Ph. D in Electrical Power Engineering from Universiti Putra Malaysia. He currently serves in the National Mirror Committee of Lightning Protection (TC/E/13) and the international technical committee of Lightning Protection (IEC TC 81). He is the Managing Director of LiRESAS Sdn Bhd which provides consultancy on lightning risk assessment, earthing systems and surge protection.

Administrative Details

Programme Logistics

Duration: 1 day

Date:

Please refer to the updated dates at <https://www.mmu.edu.my/foe/short-courses/>

Registration deadline:

Please refer to the updated dates at <https://www.mmu.edu.my/foe/short-courses/>

Your Investment

	Condition	Price per Pax
Regular Fee	Students / MMU Alumni	RM250
	Public	RM400
	Public (Group >5 pax)	RM300
Early Bird Fee	Students / MMU Alumni	RM150
	Public	RM300
	Public (Group >5 pax)	N/A

Method of Payment

Please make payment via bank transfer only. Account details is as below:

Account name: Unitele Multimedia Sdn Bhd
Account number: 86-0090180-2
Bank: CIMB Islamic Bank Berhad

Payment must be made by the registration deadline.

Refund and Cancellation

Any refunds will be processed in 60 days. Should there be any cancellation, it may be due to the organizer not getting the minimum participants or the participant failing to attend the workshop due to unavoidable reason.

Disclaimer

Faculty of Engineering, Multimedia University reserves the right to change the instructors, date and to vary/cancel the programme should unavoidable circumstances arise. All effort will be taken to inform participants of the changes. Upon submission of the registration form, you are deemed to have read and accepted the terms.

Enquiries

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Registration Form

To register, please visit this link: <https://forms.gle/7fRuyjhKcHa3t8b46>