The Institution of Engineers, Malaysia

HALF DAY SEMINAR

PHYSICAL

Low Voltage Switchgear : Design & Calculation

Organised by:

Electrical Engineering Techncial Division IEM

THURSDAY

09:00 am - 1:00 pm

7th March 2024

Malakoff Auditorium,

Ground Floor, Wisma IEM

SPEAKER

Jason Guevarra Sonido

BEM Approved CPD/PDP Hours: 3

Ref No: IEM24/HQ/063/S

Free of Charge

for IEM Members

THIS SEMINAR IS BROUGHT TO YOU BY:

Himel

Biodata

The speaker's versatile and accomplished professional with a rich history in the electrical and industrial engineering sectors. Currently serving as the LV Business Development Assistant Manager for South East Asia at Schneider Electric, with a demonstrated track record of success in various roles, from technical support and sales management to product application and design. Known for a proactive approach, exceptional problem-solving skills, and a commitment to driving growth and innovation.

Programme

8.30am - 9.00am Registration
9.00am - 10.30am Session 1
10.30am - 11.00am Tea Break
11.00am - 12.00pm Session 2
12.00pm - 12.30pm Q&A

Synposis

Low voltage switchgear is one of the significant piece of equipment utilized for power distribution in the electrical systems and is connected to all types loads (industrial process or building power). The objective of this device is to combine all of the protection devices for the electrical system into one enclosure. To do this, it needs to be designed in such a way that it would fit all of the devices, cable or busway routes, and should be within the customers requirement, either positioned indoor or outdoor. With this, here are the following topics to discuss for Low Voltage Switchgear:

a. design, assembly & construction
b. IP rating
c. forms of separation
d. busbar assembly.
e. and importance of complying with IEC 61439 standard

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