

Consulting Engineering Special Interest Group

The Institution of Engineers, Malaysia

Bangunan Ingenieur, Lot 60/62, Jalan 52/4

P.O. Box 223 (Jalan Sultan), 46720 Petaling Jaya, Selangor

Tel: 03-7968 4003

Fax: 03-7957 7678

Email: roselein@iem.org.myWebsite: www.myiem.org.my**1-Day Seminar on "IEC 61439 A Low-Voltage Switchgear and Control gear Assembly", "Type Test Certificate Design Verification Assessment" & Medium Voltage Switchgear with IEC62271-200 standard**

Name(s)	IEM M'ship No. /Grade	Fees (RM)
SUB TOTAL		
ADD GST @ 6%		
TOTAL PAYABLE		

Company: _____

Address: _____

Mobile: _____ Tel(O): _____ Fax: _____

E-mail: _____

(Please write clearly as the "Confirmation Notification" will be sent via email)

Contact Person: _____ Designation: _____

Signature: _____ Date: _____

PAYMENT DETAILS Cash RM _____ Cheque no. _____ for the amount of RM _____
(non-refundable) and made payable to "**THE INSTITUTION OF ENGINEERS, MALAYSIA**"
and crossed '**A/C Payee Only**'.**IMPORTANT NOTES**

- For ONLINE REGISTRATIONS, payment MUST BE MADE ON REGISTRATION [via RHB Now and Maybank2u – Personal Saving & Personal Current: Any Credit Card – Visa/Master.
- Payment via CASH / CHEQUE / BANK-IN TRANSMISSION / BANK DRAFT / MONEY ORDER / POSTAL ORDER / LO / WALK -IN will be considered as **NORMAL REGISTRATION**
- **FULL PAYMENT** must be settled before commencement of the course, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participants fail to attend the course, the fee is to be settled in full. If the participant failed to attend the course, the fee paid is non refundable. IEM reserve the right to reject any LOU/LOG not in accordance with these instructions.
- The Organising Committee reserves the right alter or change the program due to unforeseen circumstances.



Jointly Organised with:

Consulting Engineering Special Interest Group,

The Institution of Engineers, Malaysia & Powerwell Group of Companies

1-Day Seminar on "IEC 61439 A Low-Voltage Switchgear and Control gear Assembly", "Type Test Certificate Design Verification Assessment" & Medium Voltage Switchgear with IEC62271-200 standardDate : 17th August 2019

Time : 9.00am – 5.00pm

Venue : Kota Permai Golf & Country Club, Kota Kemuning
Shah Alam.**REGISTRATION FEES (SUBJECT TO 6% SST)**

Grade	Online Fee	Normal Fee
IEM Student Member	RM 30.00	RM 50.00
IEM Graduate Member	RM 100.00	RM 150.00
Corporate Member	RM 250.00	RM 300.00
Non IEM Member	RM 400.00	RM 500.00

Closing Date: 14th August 2019**BEM Approved CPD/PDP Hours: 6**
Ref No: IEM19/HQ/398/S**CANCELLATION POLICY**

IEM reserves the right to postpone, reschedule, allocate or cancel the course. Full refund less 30% if cancellation is received in writing more than 7 days before start date of the event. No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with prior notification and substitute will be charged according to membership stat

PERSONAL DATA PROTECTION ACT

I have read and understood the IEM's Personal Data Protection Notice published on IEM's website at <http://www.myiem.org.my> and I agree to IEM's use and processing of my personal data as set out in the said notice.

SYNOPSIS

Explanations about the latest international standard applies for switchgear and control gear assemblies. 13 verification items according to the Annex D in IEC 61439-1 to be full fill for prior certification. Sample of test video will be shown for the method of testing. The test result proved and verified that the ASSEMBLIES design withstand ability to the testing criteria. Overall verification method were based on the event of certification procedures. The presentation reviews actual case studies with the aim of providing Engineers an overview of solutions successfully applied in various rehabilitation projects to meet differing needs and objectives.

Session 2: TYPE Test Certificate Design Verification Assessment

A guideline for a proper assessment of TYPE test Certificates. Assessment of the test result clause by clause. The performance of the ASSEMBLIES design reflected to the test results shall be discuss.

Session 3: Medium Voltage Switchgear with IEC62271-200 standard

A guideline to guarantee high reliability of operation and safety design

BIODATA OF SPEAKERS

Ir. Aaron Leong Yek Loong

- ✓ 17 years' experience in electrical engineering profession of M&E consultant and switchboard design and maintenance
- ✓ A director of one of the leading switchboard manufacturer in Malaysia
- ✓ Presented a paper on Switchboard Design & Maintenance for Building Services in IEM twice in year 2006 and in IET on February 2008. A similar format was conducted on June 2008 and Feb 2009
- ✓ Presented IEC 61439 standard in several seminars such as in Indonesia Engineers Association (BEA) in 2013, PT Duta Listik Graha Prima in Aug 2014 & 2015 and Institute of Integrated Electrical Engineers of The Philippines Inc. (IIEE) in 2014.
- ✓ Recently conducted a seminar on IEC 61439 Low-Voltage Switchgear & Control Gear Assemblies in Connexion Nexus auditorium on 3 March 2017.
- ✓ Presented IEC 61439 A Low-Voltage Switchgear And Control Gear Assembly for The Institution of Engineers Malaysia (IEM), Malacca Branch and technological Association Malaysia (TAM), Malacca Branch on 11th November 2017
- ✓ Presented IEC 61439 A Low-Voltage Switchgear and Controlgear Assembly & Type Test Certificate Design Verification Assessment for Association of Consulting Engineers Malaysia (ACEM), Sarawak on 30th November 2017
- ✓ A speaker of seminar on IEC 61439 A Low-Voltage Switchgear and Controlgear Assembly & Type Test Certificate Design Verification Assessment for Ibu Pejabat Jabatan Kerja Raya, Kuala Lumpur on 25th April 2018.
- ✓ Presented IEC 61439 A Low-Voltage Switchgear And Control Gear Assembly for The Institution of Engineers Malaysia (IEM), Penang Branch on August 2018.

Mr. Syed Annuar b Syed Abd Rahman

- ✓ Position as a technical manager of one of the leading switchboard manufacturer
- ✓ Providing strategic and operational technical solution for clients
- ✓ Introducing new technology or better solution to be applied in electrical distribution system
- ✓ Preparing design to meet tender cost

- ✓ Introducing new technology or better solution to be applied in electrical distribution system
- ✓ A speaker of a seminar on IEC 61439 A Low-Voltage Switchgear And Control Gear Assembly for The Institution of Engineers Malaysia (IEM), Malacca Branch and technological Association Malaysia (TAM), Malacca Branch on 11th November 2018
- ✓ A speaker of a seminar on IEC 61439 A Low-Voltage Switchgear and Controlgear Assembly & Type Test Certificate Design Verification Assessment for Association of Consulting Engineers Malaysia (ACEM), Sarawak on 30th November 2017.
- ✓ A speaker of seminar on IEC 61439 A Low-Voltage Switchgear and Controlgear Assembly & Type Test Certificate Design Verification Assessment for Ibu Pejabat Jabatan Kerja Raya, Kuala Lumpur on 25th April 2018.

Mr. Ken Leow

- ✓ 17 years' experience in MV Switchgears & Transformer & LV Switchgears/MCC in various Industry & Market segment.
- ✓ More than 8 years' experience in Oil & Gas Industry
- ✓ A Speaker for MV Switchgears and IEC6227-200 for Institute of Integrated Electrical Engineers of Philippines, Inc (IIEE)
- ✓ A Speakers for technical presentation and seminar for Standardization in Electromechanical Contactors & Motor Starters IEC 60947-4-1 for IEM/PEMA.
- ✓ Under Schneider Electric Malaysia tenure, as member of Standard Writing Organization SIRIM Working Group WG for Low Voltage & Control switchgears to adapt and implement new IEC standardization into Malaysia Standard MS-IEC.

TENTATIVE PROGRAMME

Time	Tentative Programme
8.15 am	Arrival of Participant and Registration
8.45 am	Opening Speeches & Corporate Video
9.00 am	Seminar on IEC 61439 Low-Voltage Switchgear and Control gear Assemblies (By Mr. Aaron & Mr. Syed)
10.00 am	Tea-break & Networking
10.15 am	Continue - Seminar on IEC 61439 Low-Voltage Switchgear and Control gear Assemblies (By Mr. Aaron & Mr. Syed)
11.45 am	Questions & Answers Session
12.00 pm	Lunch
1.00 pm	Seminar on TYPE Test Certificates Design Verification Assessment (By Mr. Aaron)
2.45 pm	Questions & Answers Session
3.00 pm	Tea-break
3.15 pm	Medium Voltage Switchgear with IEC62271-200 standard (By Mr. Ken)
5.15 pm	Questions & Answers Session
5.30 pm	End