

IEM (Southern Branch)
 24B Jalan Abiad, Taman Tebrau Jaya
 80400 Johor Bahru
 Tel: 07-3319705 Fax: 07-3319710

Email: iemsouthern@gmail.com



1-Day Seminar on “IEC 61439 A Low-Voltage Switchgear and Control Gear Assembly” & “Type Test Certificate Design Verification Assessment”

REGISTRATION FORM

Name(s)	M/ship No	Grade	Fees
TOTAL			

Enclosed herewith a Cheque No. : _____ for the sum of RM _____ issued in favour of **“The Institution of Engineers, Malaysia (Southern Branch)”** and crossed ‘**A/C Payee only**’. If I/we fail to attend the course, the fee paid will not be refunded.

Contact Person: Designation :

Name of Organisation:

Address:

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Tel (O) : Fax :

Mobile : E-mail:

.....
 Signature Date

IMPORTANT NOTES

- **CLOSING DATE : 19 August 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**.
- **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 fees is to be settled in full. If the participant made payment and failed to attend the course, the fees paid is non refundable
- The Organizing Committee reserves the right to alter or change the program due to unforeseen circumstances.

1-Day Seminar on

“IEC 61439 A Low-Voltage Switchgear and Control Gear Assembly” & “Type Test Certificate Design Verification Assessment”

Organize by:

The Institution of Engineers, Malaysia (Southern Branch)

In-collaboration with:

Kejuruteraan Powerwell Sdn Bhd

BEM APPROVED CPD/PDP HOURS: 6
 IEM19/SB/342/S

Date:

24 August 2019 (Saturday)

Venue:

Ballroom 1, Level 2, The Grand Paragon Hotel, Johor Bahru.

Grade	On-line	Normal
IEM Corporate Member & IEM Graduate Member (30 years and above)	RM 140.00	RM 160.00
IEM Senior Engineers (60 years and above)	RM 130.00	RM 150.00
IEM Graduate Member (Below 30 years)	RM 120.00	RM 140.00
IEM Student Members	RM 90.00	RM 100.00
Non IEM Member	RM 200.00	RM 250.00

Closing Date: 19th August 2019 (Monday)

SYNOPSIS

Session 1: IEC 61439 A Low-Voltage Switchgear and Control Gear Assembly

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 SPEAKERS

Ir. Aaron Leong Yek Loong

- 17 years' experience in electrical engineering profession of M&E consultant and switchboard design and maintenance. Ir. Aaron Leong is a Regional Sales & Marketing Director of Kejuruteraan Powerwell Sdn Bhd.
- 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.

Mr. Ken Leow

- 17 years' experience in MV Switchgears & Transformer & LV Switchgears/MCC in various Industry & Market segment. Mr. Ken Leow is a General Manager of Kejuruteraan Powerwell Sdn Bhd.
- 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)
- 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.

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. – 10.00 a.m.	Introduction to IEC 61439 Low-Voltage Switchgear and Control gear Assemblies
10.00 a.m. – 10.20 a.m.	Coffee Break
10.20 a.m. – 11.45 a.m.	Session 1 IEC 61439 Low-Voltage Switchgear and Control gear Assemblies
11.45 a.m. – 12.15 p.m.	Questions & Answers Session
12.15 p.m. – 1.15 p.m.	Lunch Break
1.15 p.m. – 2.15 p.m.	Session 2 TYPE Test Certificates Design Verification Assessment
2.15 p.m. – 2.45 p.m.	Questions & Answers Session
2.45 p.m. – 3.00 p.m.	Coffee Break
3.00 p.m. – 4.30 p.m.	Session 3 Medium Voltage Switchgear with IEC62271-200 standard
4.30 p.m. – 5.00 p.m.	Questions & Answers Session
5.00 p.m.	End of seminar