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REGISTRATION FORM
ONE DAY SEMINAR ON TECHNOLOGY & SELECTION OF
CAST RESIN TRANSFORMER
 (Closing Date: 25th AUGUST 2018)

No	Name(s)	M'ship No.	Grade	Fee (RM)*
SUB TOTAL				
Total Payable				

*Fees **MUST** be fully paid **BEFORE** the **CLOSING DATE**. Seats could only be confirmed upon payment. Enclosed herewith a crossed cheque No: _____ for the sum of RM _____ issued in favour of "**The Institution of Engineers, Malaysia**" and crossed 'A/C payee only'. I/We understand that the fee is not refundable if I/We withdraw after my/our application is accepted by the Organising Committee as stated in the **cancellation term**. If I/We fail to attend the seminar, the paid registration fee will not be refunded.

Contact Person: _____ Designation: _____

Name of Organization: _____

Address: _____

Telephone No.: _____ (O) _____ (Fax)

_____ (H) _____ (HP)

Email: _____

 Signature & Stamp

 Date

Photocopies are acceptable

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.



28th AUGUST 2018

ONE DAY SEMINAR ON
TECHNOLOGY & SELECTION OF
CAST RESIN TRANSFORMER

Organised by
Electrical Engineering Technical Division, IEM
In cooperation with
SUNTEN Eletrik (Malaysia) Sdn Bhd

Venue: Malakoff Auditorium, Ground Floor, Wisma IEM, PJ

Time: 8.30am – 5.30pm

Speakers: Madam Liu Yan, Madam Zhou Fen and Mr. Xiao Ming

BEM Approved CPD/ PDP hours: 7 Ref. No: IEM18/HQ/357/S

REGISTRATION FEES

	ONLINE	NORMAL (Offline)
IEM Student Member	RM 50.00	RM 80.00
IEM Graduate Member	RM 150.00	RM 200.00
IEM Corporate Member	RM 250.00	RM 300.00
Non-IEM Member	RM 500.00	RM600.00

GST shall be at 0% with effect from 1 June 2018

CANCELLATION POLICY

IEM reserves the right to postpone, reschedule, allocate or cancel the course. Full refund 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 status.

SYNOPSIS

Cast resin/dry-type transformers technology has more advantages compared with oil-immersed transformers in terms of flame-retardant, compact in size, maintenance-free and environmental-friendly, which greatly satisfy the relevant safety regulation for indoor sub-stations and it's are widely used in various application fields such as civil buildings, commercial centers, industrial buildings, infrastructure, underground subway, power generation plants and etc..

In the past three decades, rapid global economy growth and urbanization has brought an expanding demand for dry type transformers. As a result, the industry has witnessed globally the rapid growth of the number of manufacturers, the visible improvement of production technology and the constant upgrade of technical standards, specifications and performance. The abundance and diversity of supply in the market has given end users more choices in one hand, but some confusion on the other.

This full day seminar is designed to provide participants with some comprehensive knowledge of Cast resin/dry type transformer from a design perspective in respect of the development course of the industry, the merits & weakness of different schools of insulation process, and future direction of technical innovation. Furthermore, participants will be rewarded with first-hand information that may have not been released before:

- What determines the characteristics of flame-retardant and How to verify it?
- How to reduce the purchase cost by selecting the right & suitable Cast resin Transformer to suit your project needs.
- What is Total Operation Cost (TOC) and how to optimize it?
- How to identify/determine the product reliability?
- The importance of each technical parameters in the transformer
- What to look for in a type test certification?
- What to focus during factory acceptance test?

SPEAKERS' PROFILE

Madam Liu Yan is a professor-level senior electrical engineer and a distinguished expert in China transformer industry, has over 28 years of experience and expertise in the technical design, research and manufacture of cast resin transformers. She is graduated from Huazhong University of Science & Technology in year 1992 & MBA from Tsinghua University 2003, currently she is General Manager and Chief Engineer of SUNTEN & currently also:-

- IEC IT14 registered expert
- Member of China Technical Committee for Transformer Standard.
- Member of Excitation Subcommittee of Big Motor Committee of China Electrical Engineering Society
- Member of Editor Committee of "Transformer" Magazine of China

Some of her research white papers had been published in magazines like "Transformer", "Electrical Manufacturing", "High Voltage Technology", and "Power Equipment" and etc.

Madam Liu's Technical Patented as below:-

- Dynamic Reactive Power Compensation Control Method – Patent Number 200510102389
- Seismic Performance Analysis Method of Dry Type Transformer for Nuclear Power – Patent Number 201010253565
- Dry Transformer for Subway with Pulse width Modulation Rectifier System – Patent Number 201110242606
- Winding Structure of Single Rectifier Transformer – Patent Number 201510141715.3

Madam Zhou Fen is a Senior Electrical Engineer and Registered Cost Engineer with nearly 30 years of experience in electrical engineering design and architecture electric consultant since her graduation from Shanghai Tongji University in 1989 with a Bachelor of Electrical Engineering. She is actively involved in the following standards drafting & preparing:

- Standard Design of China Southern Power Grid: 2011 Version
- Technical Specifications of 10 kV Power Equipment for China Southern Power Grid
- Technical Tender Document of Power Equipment for China Southern Power Grid
- Distribution Engineering Project Specifications

Mr. Xiao Ming graduated from South China University of Technology in Bachelor Degree in Electrical Engineering & he has been engaged in Product Testing and Certification to National and International Standards of cast resin transformers and reactors for over 29 years possessing in-depth knowledge and experience in particular of test method, test principle and product judgment. He is involved deeply in drafting & preparing the below China National Standards:

- GB1094.3-2017 "Part 3 of Power Transformer: Insulation Level, Dielectric test and Air Gap of Outer Insulation"
- JB/T501-2006 "Test Guideline of Power Transformer"

TIME	TENTATIVE PROGRAM	SPEAKER
8:30am	Registration	
9:00am	Welcome address & Program introduction	
9:15am	Overview of Cast Resin Transformer Technology	Liu Yan
	Initial design & program development	Liu Yan
	Advantages, analysis & knowhow	Liu Yan
	Innovation & future movement/direction	Liu Yan
10:30am	Q&A with Prizes	
11:00am	Tea Break	
11:15am	Cost effective selection	
	Choose the right model	Zhou Fen
	TOC	Zhou Fen
	How to identify quality & reliability transformer	Zhou Fen
12:30	Q&A with Prizes	
1:00pm	Lunch	
2:00pm	Testing, verification & certification	
	All about C2,E2,F1 test	Xiao Ming
	Factory acceptance test (FAT)	Xiao Ming
	Site acceptance test (SAT)	Xiao Ming
	Operation & Maintenance (O&M)	Xiao Ming
3:30pm	Q&A with Prizes	
4:00pm	Coffee Break	
4:15pm	Cast Resin Transformer technology certification	Liu Yan
	Design verification & fundamental research	Liu Yan
5:30pm	Wrap-up & lucky Draw	

Terms & Conditions:

- For **ONLINE REGISTRATIONS**, only **ONLINE PAYMENT** is applicable [via RHB and Maybank2u –Personal Saving & Personal Current; 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.
- Fee paid is not refundable. Registration fee includes lecture notes, refreshment.
- The Organizing Committee reserves the right to cancel, alter, or change the program due to unforeseen circumstances. Every effort will be made to inform the registered participants of any changes. In view of the limited places available,