



The Institution of Engineers, Malaysia

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Technical Talk on “Transformer predicted maintenance and diagnostic through insulating Oil?”

(Organized by Electrical Engineering Technical Division IEM)

Date : 26th January 2019 (Saturday)
Time : 11.00am – 1.00pm (*Refreshment will be served at 10.30am*)
Venue : Tan Sri Prof. Chin Fung Kee Auditorium, Third Floor, Wisma IEM, PJ
Speaker : Mr. Zulfadhly Bin Zardi

BEM Approved CPD/PDP Hours: 2
Ref No: IEM19/HQ/034/T

SYNOPSIS

Condition Monitoring of Transformers is the process of acquisition and processing of data related to various parameters of transformers so as to predict and prevent the failure of a transformer. One of the methods on implementing is through oil insulating assessment. This talk will explain the methods on how preventive & predictive maintenance of oil transformers are conducted according to the specification under IEC 60296, 60422 and others.

SPEAKER'S BIODATA



Mr. Zulfadhly Bin Zardi has 20 years' service with TNB Research & TNBR QATS (5 years in research project and 15 years in Transformer Oil testing and diagnostic). He has experienced in all aspects of laboratory management of insulating oil from oil analysis, diagnostic and interpretation. Zulfadhly is the Chairman of SIRIM Working Group (W3) on Insulation Oils for Electrical Equipment and P-Member in IEC TC10.

He has conducted a lot of trainings related to transformer oil condition monitoring, as well as Quality Assurance (QA) activities such as product inspection and audit.

Zulfadhly graduated from Bachelor of Engineering (Chemical Eng.) in 1997. And holds Master of Science degree in Chemical Engineering. There are various professional certification under his belt. Some of them are listed below.

- Certified Quality Auditor by American Society for Quality yr. 2014
- QMS Lead Auditor by QMI Quest (IRCA Certified) yr. 2004
- TNB Quality Assurance Inspector (TNBR-QAI-20) yr 2005
- MS ISO/IEC 17025 Lead Assessor yr. 2002
- Registered With Board Of Engineer Malaysia (BEM) yr 1997
- Certified Level II Machinery Lubrication Analyst Yr 2017.

FEE ANNOUNCEMENT

(Effective: 1st October 2017)

Members:

- (i) Registration Fee: No Charge
- (ii) Administrative Fee:
 - (a) Online RM15
 - (b) Walk-In RM20

Non-Members:

- (i) Registration Fee: RM50
- (ii) Administrative Fee: RM20

- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- To secure your seat, kindly register online at www.myiem.org.my

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Ir. Chong Chew Fan
Chairman,
Electrical Engineering, Technical Division