PARTIAL DISCHARGE COURSE
Hosted by LC Engineering Services Sdn Bhd

Selangor, Malaysia
November 12-13, 2018

Partial discharges (PD) are small electrical sparks that occur as the stator winding insulation deteriorates. By measuring PD, one can plan what to do for maintenance or repair a stator.

Seminar Objectives

- to understand the basics of stator winding insulation systems and why they deteriorate
- to understand basic PD Theory
- to understand how PD measuring devices work
- to interpret the test data collected and relate the data to specific failure mechanisms, to enable you to plan maintenance

Who Should Attend?

The course is designed for engineering and maintenance personnel who either purchase, install, test, maintain and/or repair motors and/ or generators. Consultants, manufacturers and repair shop personnel will also benefit from this course. The course is mainly intended for those involved with motors or generators rated 3 kV and above, and who have some knowledge in PD or had some experience with collecting and analyzing PD data.

Instructor

Connor Chan has been with Iris Power LP since 2001, where he is currently Rotating Machines Engineer. Prior to this position, he was Field Service Manager. He received the BSc (Eng) degree in electrical engineering from the University of Hong Kong. Mr. Chan is a member of the Institute of Electrical and Electronics Engineers, the Institution of Engineering and Technology (formerly the Institution of Electrical Engineers, UK), the Institution of Engineers Australia, and is a Chartered Engineer. He has co-authored a number of conference papers and journal articles

AGENDA

November 12

9:00 am -5:00 pm

- Stator Winding Construction
- Insulation System Components
- Failure Mechanisms

PD Theory

- Capacitive Model
- PD Characteristics
- PD Detection and Sensors
- Separation of Noise and Disturbance

November 13

9:00 am -5:00 pm

PD Data Download and Interpreting Test Results

- Overview of Process
- Data Presentation
- Trend Analysis
- Magnitude Analysis
- Polarity Predominance
- Effect of Operating and Ambient Condition
- Non-classic PD pulses
- PD Characteristics ofFailure Mechanisms
- Case Studies (using attendee's PD data)

LOCATON/VENUE

Sheraton Petaling Jaya Hotel
Jalan Utara C,
46200, Petaling Jaya
Selangor, Malaysia

Tel: +603-76228888

Website: https://www.marriott.com/hotels/maps/travel/szbsi-sheraton-petaling-jaya-hotel/

IRIS POWER
A QUALITROL Company

See second page for registration form

IRIS PARTIAL DISCHARGE COURSE
Hosted by LC Engineering Services Sdn Bhd

Registration:
Attendance is limited to 30 people.

To register, please submit this form to:
Fax No: **+603-79576893**
Email: **eza@Lceng.com / Lc@Lceng.com**

Payment MUST be accompanied by payment, latest 2 weeks before commencement of the course, otherwise Participants will not be allowed to attend the Course.

Your registration will be confirmed by email/fax upon receipt of your completed course registration form and payment.

Seminar Fee Per Attendee:
MYR5,000.00 / USD1,250.00 nett
(Seminar fee includes daily lunch & tea breaks)

SEMINAR FEE DOES NOT INCLUDE HOTEL ACCOMODATION AND TRAVEL COSTS

Location:
The seminar will take place at:

SHERATON HOTEL PETALING JAYA
JALAN UTARA C, 46200 PETALING JAYA
SELANGOR, MALAYSIA

Cancellation & Withdrawal Policy:

The Company reserves the right to cancel or postpone the Course due to unforeseen circumstances. Participants will be notified of any changes or cancellation.

Registration For IRIS Partial Discharge Course
12 to 13 November 2018 ~ Kuala Lumpur

(Prof/ Dr/ Ir/ Mr/ Ms): _____

_____

Company: _____

Designation: _____

Address: _____

_____

State: _____ Country: _____

Telephone:_____ Fax: _____

E-mail: _____

Payment Details:
Payment must be made by cheque, or directly deposited into our CIMB Bank Berhad account, upon submission of registration form to confirm your seat.

Bank: **CIMB Bank Berhad**
Account Name: **LC Engineering Services Sdn Bhd**
Account No: **80-0229796-8**
Bank Address: 27, Jalan 52/2, 46200 Petaling Jaya,
Selangor Darul Ehsan, Malaysia
Swift Code: **CIBBMYKL**

For more information, please contact:

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2. Ms Nur Ezah Binti Noraihandi **(Registration)**
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