

3-DAY PARTIAL DISCHARGE CERTIFICATION COURSE

WHO SHOULD ATTEND?

- q This course is designed for M&E engineers, consulting engineers, maintenance officers, facility officers, asset insurance professional & reliability engineers and those who want to know more about Partial Discharge Testing
- q **At the end of the course, participants will be issued a Partial Discharge Testing Certificate of Competency**

COURSE CONTENT HIGHLIGHTS

- Theory of Partial Discharge (PD)
 - Mechanism & Characteristics
 - Physical & Chemical aspects of PD
 - Failure mechanism & aging studies
- Common Problems relating to failure of HV equipment in Singapore such as Transformers, HV Switchgears & Motors
 - Humidity and the existence of fine dust particles in the ambient working conditions.
 - Poor Workmanship in joints on HV equipment.
 - Poor maintenance practice
 - Insulation degrading due to operational conditions
 - Influence due to Harmonics
 - Influence due to Mechanical Vibration
- Effects of noise on Partial Discharge Testing & Analysis
 - Sources of noise
 - Identification of noise
- Case Studies on Partial Discharge Testing
 - Hand's on operation of Partial Discharge Analyser

TRAINER'S CREDENTIALS

Leong Weng Hoe

Mr Leong has over 10 years experience in Reliability Maintenance for Electrical, Mechanical, Process and Building Inspection.

He is heavily involved in the Research & Development of Partial Discharge Test System with the Nanyang Technological University of Singapore. He is a Certified Condition Specialist in Partial Discharge Testing, Infrared & Vibration Inspection.

James Koh Yong Kwee

(DipEE, B.Eng (Hons)), MSc. MIES

James Koh Yong Kwee, a Partial Discharge Certified Specialist, obtained his bachelor's and master's degrees from Nanyang Technological University (NTU) in Years 2003 and 2006 respectively. From 2003 to 2005, he worked as a Research Engineer in NTU to carry out research on Condition Based Monitoring of High Voltage Equipments particularly on Partial Discharge Testing. He then joined Hoestar Inspection International Pte Ltd in Year 2005 as and R&D Engineer to research and implement new and better methods of Condition Base Monitoring of Electrical Equipments.

He was one of the Main Speakers for the Asia Pacific Regional Conference & Exhibition on T & D Asset Management. For Electric Utilities (21st to 23rd November 2006) organized by CIRED MALAYSIA

He is also a Member of "Institute of Engineering Singapore (IES)".

REGISTRATION FORM

Date of Course: 14th (Tues) to 16th (Thurs) Sept 2010 Time of Course : 9.00 a.m. – 5.00 p.m.

Venue of Course: Quality Hotel Singapore, 201 Balestier Road, Singapore 329926 Tel: 63559988

Participant Name		Designation		Tel		Email	
Participant Name		Designation		Tel		Email	
Participant Name		Designation		Tel		Email	

No. of Person(s) Attending:

Company:

Company Address:

Contact Person : Email Address: Tel: Fax:

Course fee : S\$ 1,680.00 / person (Excludes 7%GST). Early bird discount of more than 2 persons: 10% off total course fee

q **Includes course materials & 2 coffee/tea breaks with 2 snacks & 1 lunch**

q Crossed cheque should be made payable to "Hoestar Inspection International Pte Ltd" 2 weeks before course commencement and mailed together with the Registration form to or fax to:-

Hoestar Inspection International Pte Ltd

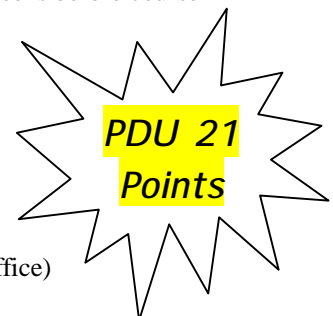
5A Siang Kuang Avenue

Singapore 347923

Tel: 64881604 Fax: 62819477

Email: sales_enquiry@hoestarinsp.com.sg

Please hurry as seats are limited for this Certification Course



q Enquiries : Please call Shahidah @ Tel: 603-56326832 / 603-56316831 (Malaysia Office)

q Please call Elsie/Lynn @ Tel 65-64881604 / 65-64881603 Fax: 65-62819477 (Singapore Office)

q or email to: elsiechew@hoestarinsp.com.sg

Terms and Conditions

Notice of cancellation of registration is to be given in writing to Hoestar Inspection International Pte Ltd at no less than 10 working days before the event date. If no such notice is received, the course fee will remain payable in full. Hoestar Inspection International Pte Ltd reserves the right to change/cancel the date, time, venue to suit specific needs of participants without prior notice. Confirmed participants will be notified through the registration confirmation letters.