



Power Skills Centre® Partial Discharge Training Refresher Course

Course Overview

A one-day refresher course from the pioneers of Partial Discharge (PD) technology, covering PD theory, PD detection instruments and PD measuring techniques.

www.eatechnology.sg

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Dates 27 May 2024

Location SIT @ Nanyang Polytechnic 172 Ang Mo Kio Ave 8, Singapore 567739

Cost \$1,100 (excludes GST) **"PDU Points Qualified"**

Power supply is key in all the areas of operation in the country and individual business operations. The need to ensure that this is not disrupted and is continuously provided at the highest level is of paramount importance.

Detecting and measuring Partial Discharge (PD) activities give a unique insight into the conditions of Mid Voltage (MV) and High Voltage (HV) assets without the need for expensive shutdowns or invasive testing.

This refresher course is targeted to improve knowledge in Condition Monitoring for High Voltage Asset and Asset Management through accurate condition assessment.

Upon successful completion of this course, candidate will be issued a lifetime competency certification and card from EA Technology.



Background of Partial Discharge

- Introduction of Partial Discharge
- Partial Discharge classification
- Background interferences and Environmental factors
- Electromagnetic and Ultrasonic Detection

Measurement techniques Partial Discharge instruments

- UltraTEV Plus 2
- UltraTEV Locator 2
- UltraTEV Monitor
- Cable Data Collector

Measurement procedures

- Checking Background Interference
- Locating Sources of Discharge Activity

Reporting and analysis of results for further investigation

- Visual Examination
- Directs Measurements

For further information or to book a place visit: www.eatechnology.sg

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