



# Power Skills Centre® Partial Discharge Training Refresher Course

## Course Overview

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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.com](http://www.eatechnology.com)

# Partial Discharge Training Refresher Course

## Course overview

Dates 13 April 2020

Location Ngee Ann Polytechnic (High Voltage Lab)

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

Detecting and measuring Partial Discharge (PD) activity gives a unique insight into the condition of MV and HV assets without the need for expensive shut downs or invasive testing.

EA Technology pioneered PD theory and has developed an award-winning range of PD detection instruments and techniques that help you achieve greater network reliability and prolong asset life, while at the same time greatly enhancing operators safety.

The refresher course aims to improve delegates' knowledge and learn about new developments that are related to PD theory, the instruments used to measure PD and explaining how to analyze and interpret data.

Upon successful completion of the course, delegates will have their credentials to use a range of PD detection equipment revalidated and the certificate of competence renewed.



## 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
- UltraTEV Monitor
- Cable Data Collector

## Measurement procedures

- Checking Background Interference
- Locating Sources of Discharge Activity

## Reporting and analysis of results options for further investigation

- Switching Exercises
- Visual Examination
- Directs Measurements

For further information or to book a place visit:  
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