Partial Discharge Training

Course Overview

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

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technology

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Course overview

Dates: 19- 20 Oct 2026 (Monday - Tuesday)

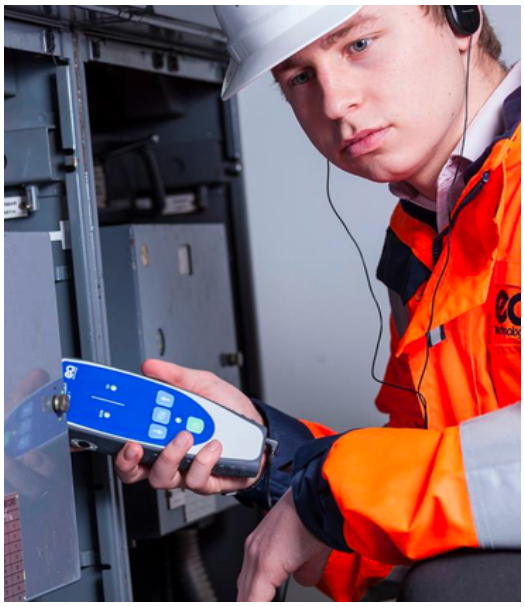
Location: Singapore Institute of Technology (SIT)
1 Punggol Coast Road, Singapore 828608

Cost: $2,200 *(ext. 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 course is targeted to deliver a competency in Condition Monitoring for High Voltage Asset and Asset Management through accurate condition assessment.



Who should attend?

- Engineers and technicians working with MV/HV switchgear, overhead lines and cables
- Engineers who use Partial Discharge detection as a means of asset management
- Asset managers, manufacturers and purchasers

What will the course cover?

- Background of Partial Discharge: Classification, interference, environmental factors and electromagnetic and ultrasonic detection
- Measurement Procedures: Checking for background interference and source location
- Measurement Techniques: Using a variety of Partial Discharge instruments
- Reporting and Analysis of Results: Visual examinations and direct measures

Learning outcomes

- High voltage partial discharge theory and detection methods
- Condition assessment techniques to help asset owner achieve greater supply reliability and prolong asset life
- Safe work procedures while performing condition monitoring

Key benefits

- Improve reliability of assets through understanding of PD monitoring techniques
- Develop robust and cost-effective maintenance regimes
- Avoid asset failures by learning to detect faults early

For further information or to book a place visit:
www.eatechnology.com/sea

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