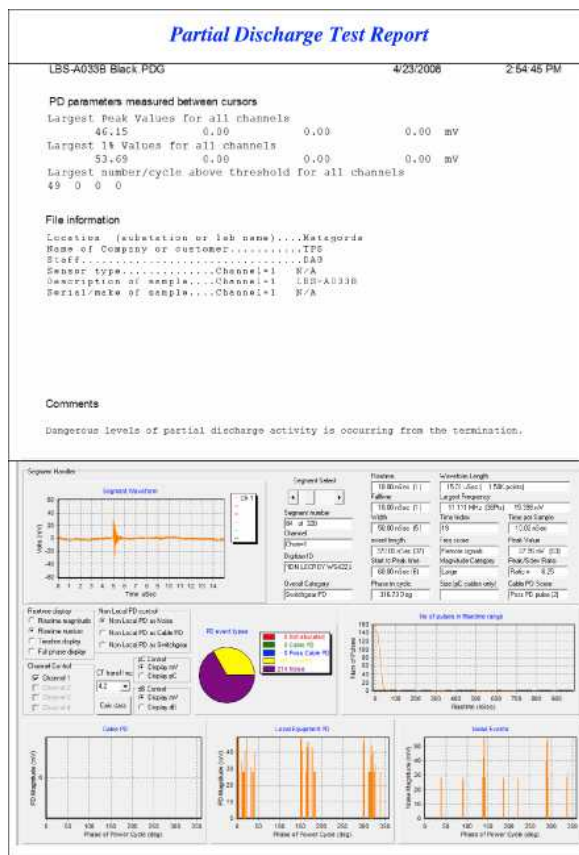




TDS NOW OFFERS

No-Outage Partial Discharge Survey Training Courses

TDSTI - a leader in electrical and I&C skills training, as well as OSHA safety training has added **2 NEW Partial Discharge Training courses** that provide training on the use of Partial Discharge equipment sensors, as a diagnostic tool, including electrical equipment and systems basics that teach what to look for and what it means!



Preventative Surveys Prevent Tomorrows Problems
 TDS provides Level I and Level II Partial Discharge & Corona Activity Training to improve operations, mitigate losses and improve safety.

For detailed information - Click-on the links below
[Level I & Level II Partial Discharge & Corona Activity Training Schedule](#)

Contact Us Today to Avoid Tomorrows Problems

For more information on our services, visit our website at: www.technicaldiagnostic.com
 or call us at 817.465.9494

Training Classes

Partial Discharge & Corona Activity Level I - 16 Hours

Who Should Attend?

Technicians responsible for partial discharge testing and supervisors of engineers who are responsible for the testing and maintenance of partial discharge.

Course Description:

This course is based on equipment specific testing & maintenance requirements. Students will learn basic operating principles. Various PD sensor technologies and applications as well as

IEEE statistics related to percentages for insulation breakdown, of various equipment, will be discussed. Basic safety guidelines for the operation of the PD test equipment and the temporary installation of the sensors including proper PPE will be taught. The training can be performed in the field on actual energized customer-owned equipment or can optionally be performed at the testing service provider's shop using a variable AC power source to energize various electrical equipment. The student will be utilizing a handheld PD detector throughout the course.

Learning Objectives:

- Know how common failures in switchgear, cables, terminations, splices, transformers, bus duct, and other equipment occur
- Know typical phase related PD activity
- Recognize classical PD pattern
- Know basic safety guidelines for the operation of the PD test equipment and the temporary installation of the sensors including proper PPE
- Be able to set up the test equipment and sensors in the classroom and then be able to connect sensors to insulation samples

Prerequisites:

Student must be qualified to work on and near energized equipment

[See Our Course Outline](#)

Partial Discharge & Corona Activity Level II - 16 Hours

Who Should Attend?

Technicians responsible for partial discharge testing and supervisors of engineers who are responsible for the testing and maintenance of partial discharge.

Course Description:

This course is based on equipment specific testing & maintenance requirements. Students will learn basic operating principles. Various PD sensor technologies and applications as well as IEEE statistics related to percentages for insulation breakdown, of various equipment, will be discussed. Basic safety guidelines for the operation of the PD test equipment and the temporary installation of the sensors including proper PPE will be taught. The training can be performed in the field on actual energized customer-owned equipment or can optionally be performed at the testing service provider's shop using a variable AC power source to energize various electrical equipment. The student will be utilizing a PD Signal Recorder throughout the course.

Learning Objectives:

- Know how common failures in switchgear, cables, terminations, splices, transformers, bus duct, and other equipment occur
- Know typical phase related PD activity
- Recognize classical PD pattern
- Know basic safety guidelines for the operation of the PD test equipment and the temporary installation of the sensors including proper PPE
- Be able to set up the test equipment and sensors in the classroom and then be able to connect sensors to insulation samples

Prerequisites:

Student must complete Partial Discharge Level I Course

Student must be qualified to work on and near energized equipment

[See Our Course Outline](#)

What differentiates TDSTI Partial Discharge courses from all the others:

TDSTI courses provide training on the use of Partial Discharge equipment sensors, as a diagnostic tool, including electrical equipment and systems basics that teach what to look for and what it means!

For additional information visit our website www.technicaldiagnostic.com
or Contact:

John Huddleston - Training Manager: 817.465.9494 x237
johnh@technicaldiagnostic.com

Don Genutis - Training Manager: 813.752.6051
dgenutis@groupcbs.com

Preventative Surveys Prevent Tomorrows Problems

TDS provides Level I and Level II Partial Discharge & Corona Activity Training to improve operations, mitigate losses and improve safety.

For detailed information - Click-on the links below

[Level I & Level II Partial Discharge & Corona Activity Training Schedule](#)

Contact Us Today to Avoid Tomorrows Problems

For more information on our services, visit our website at: www.technicaldiagnostic.com
or call us at 817.465.9494