



PARTIAL DISCHARGE INSPECTION CHECKLIST

IA Practical Guide for Transformer &
Switchgear Inspection

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Why Perform Partial Discharge Testing?

- Detect insulation defects early.
- Prevent transformer failures.
- Prevent switchgear failures.
- Reduce unexpected shutdowns.
- Improve electrical reliability.
- Support predictive maintenance.

Inspection Checklist Before Testing



PPE available	
Equipment energized safely	
Transformer identification	
Switchgear identification	
Inspection area clean	
SDT270 battery checked	
Headphones connected	
Sensor checked	
Inspection route prepared	

Inspection During Testing



☐ Scan transformer

☐ Scan bushings

☐ Scan cable terminations

☐ Scan switchgear panels

☐ Record abnormal sound

☐ Capture photographs

☐ Save measurements

Inspection After Testing



☐ Inspection report completed

☐ Equipment condition noted

☐ Fault severity classified

☐ Maintenance recommended

☐ Customer informed

☐ Next inspection scheduled

Need Professional Partial Discharge Testing?

contact us

Agile Microsys Pvt. Ltd.

Services:

- RTV Silicone Coating
- Thermal Imaging Inspection
- Online Thermal Monitoring
- SDT Ultrasound Inspection
- Anti-Corrosion Coating Solutions



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