

Switchgear

Maintenance Testing

Total Power Solutions



Switchgear Level 1

Perform basic inspection on switchgear components and controls.

- Inspect for visual signs of moisture, carbon tracking, corona*, overheating, and insulation deterioration.
- Inspect and replace all control panel indicator lights and fuses as needed.
- Verify operation of space heaters, if applicable.
- Clean the exterior of control cubicles. Clean interior and remove accumulated dust and dirt.
- Check protective relays and protective sensing devices for any fault indications
 - Log and report all fault indications found.
 - Reset fault indicators only with the permission of the customer's authorized representative.
- Review event logs and advise corrective action, if needed.
- Test switchgear operation
- Perform Infrared Thermography scan(See Infrared Thermography Programs)

Customer Report Provided:

- ✓ Documentation to include completed checklist of service performed with recommendations for any areas requiring additional service
- ✓ Complete analysis of data collected, benchmarked to NETA Standards

Carter Machinery's Total Power Solutions program provides testing & maintenance programs for your complete Electrical Power Systems needs and conforms to the NETA and NFPA 110 standards

Generators
Circuit Breakers
Protective Relays
Switchgear
Load Bank Testing
ATS
UPS
Infrared Imaging
Fluid Sampling
Emissions Testing
Fuel Quality Management

Maintenance and inspection programs help reduce operating costs and increase the reliability of your equipment.

Carter Machinery Co., Inc.
10990 Air Park Road
Ashland, VA. 23005

Office: 800-835-1166
Fax: 804-752-6772



* Corona- An electrical discharge phenomenon occurring in gaseous substances, such as air