

# Circuit Breaker

## Maintenance Testing

## Total Power Solutions



### Circuit Breaker Level III (Medium Voltage)

Available for GE, Westinghouse, Federal Pacific, Square D, Gould, ABB, ITE, Siemens, and other manufactures. Conforms to 2011 InterNational Electrical Testing Association (NETA) Specifications.

**Medium-voltage (1000 V to 38 KV AC) vacuum and air circuit breakers**

#### Annual - Circuit Breaker Inspection and Maintenance

- Perform circuit breaker visual and mechanical inspections (clean and check for loose or damaged parts, lubricate and exercise the mechanisms and check for tolerance)
- Verify control and trip settings
- Measure resistance across contacts when closed
- Measure insulation resistance phase to phase and phase to ground

#### Biennial - Vacuum Breakers

- Test vacuum bottle integrity with DC Hi-pot tester

#### Triennial – Air Breakers

- Test contacts with DC Hi-pot tester Test

#### 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

