

# Circuit Breaker

## Maintenance Testing

**Total  
Power  
Solutions**



## Circuit Breaker Level II (Low 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.

**Low-voltage (1000 V or less) molded-case & air frame circuit breakers**

### Triennial - Circuit Breaker Electrical Testing:

- Includes and performs all the functions of **Circuit Breaker Level 1**
- Primary Injection Test –
  - ✓ Recommended and preferred test method by most manufacturers
  - ✓ Actual rated fault current is injected into the primary current path testing all elements including current sensors and interfacing to the trip devices
  - ✓ Provides complete testing verifying the entire operation of the circuit breaker device
- Secondary Injection Test (When Primary Injection isn't practical)
  - ✓ Test the response time of the trip device is by providing secondary inputs only to the solid-state trip device of the circuit breaker

### 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.

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