

SETCO

Substation Electrical Testing Company



Welcome to Substation Electrical Testing Company

SETCO is an independent third-party testing firm that is dedicated to providing our business partners with safe, reliable, and cost-effective solutions for their electrical power distribution system, 24 hours a day.

Service Offerings

- NETA Acceptance Testing
- NETA Maintenance Testing
- Substation Services
- Inspections
- Infrared Scanning
- Ultra-Sonic Detection
- Fluid and Laboratory Analysis (Transformer Oil Samples)

Engineering Services

Short Circuit and Coordination Studies	Power Monitoring
Arc Flash Hazard Analysis	Power Quality Surveys
Load Flow Studies	Harmonic Studies

Testing and Preventive Maintenance

Cable Testing	Low, Medium, and High Voltage Breakers
Grounding Systems	Medium Voltage Air, Oil and Vacuum Breakers
Liquid and Dry Type Transformers	SF6 Breaker Testing and Gas Analysis

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Low and Medium Voltage Switchgear
Low, Medium, and High Voltage Switches

Electro-Mechanical and Solid-State Relaying
Low and Medium Voltage Motor Starters

Other Services

Transformer Filtration and Repairs
Installation Supervision
Project Management
Specialized Training Programs

Cable Splicing and Terminations
Turn-Key Installation of Unit Substations
Circuit Breaker Reconditioning &
Retrofits

Maintenance & Testing Intervals (Months)

Equipment	Visual	Visual & Mechanical	Visual, Mechanical & Electrical
Switchgear	12	12	24
Large Dry-Type Transformers	1	12	24
Liquid-Filled Transformers	1	12	24
Transformer Fluid Analysis	-	-	12
Low & Medium Voltage Cables	2	12	36
Low Voltage Switches	2	12	36
Medium Voltage Switches	1	12	24
Low & Medium Voltage Breakers	1	12	36
High Voltage Breakers	1	12	24
Protective Relays	1	12	24
Motor Starters	2	12	24
Adjustable Speed Drives	1	12	24
Batteries & Charging System	1	12	12
Surge Arrestors	2	12	24
Capacitors	1	12	24