

# ELECTRICAL MAINTENANCE

Plug into the Experts

**Engineering**

**Service**

**Installation**

**Testing**

## Proven Success

For two decades, Coalmont has provided industrial clients with innovative electrical engineering services. The knowledge and experience of our expert engineers and technicians translates to customers with improved production, reliability, reduced down time, lower maintenance costs, and increased profitability.

## Switchgear Services

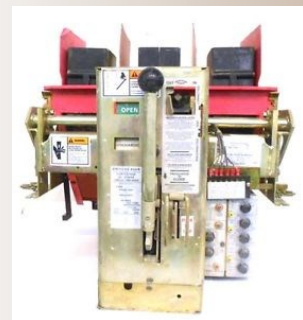
Coalmont provides comprehensive switchgear testing and cleaning services. We perform switchgear testing and cleaning for industrial plants, large commercial facilities, and substations.

- Inspection
- Cleaning
- Inspect components for moisture, corrosion, and lubrication
- Medium voltage
- Impulse and cycle testing
- Insulation resistance testing
- Ground resistance testing

## Breaker Services

Coalmont offers a full regimen of circuit breaker testing and preventative maintenance for low and medium voltage equipment. Shop and onsite services are available.

- Evaluate, clean, service and test
- Insulating parts cleaned
- Check fault operations
- Trip testing
- Inspect alignment and stationary contacts
- Reset breaker operation mechanism
- Primary and Secondary Testing
- Evaluation of breakers, bus ducts, and fuses
- Gas, Oil, and Air



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### Protective Relay Testing

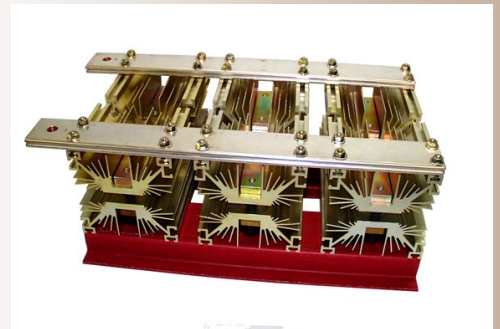
Coalmont's Protective Relay testing identifies power system faults, configures complex function, and assures performance requirements.

- AC/DC wiring schematics
- I/O specifications and assignments
- Calculation of settings
- Pickup and Reach
- Time Delays
- Generation of setting files
- Supervision logic
- Documents and test reports



### SCR Service

Coalmont offers testing, cleaning, and replacement SCRs. Individual new units with anodized heat sinks, full roll in assemblies, and assemblies with custom buss work are available for quick repairs and upgrades.



### Transformer Testing

Coalmont tests both dry-type and oil transformers. Our testing and reporting program includes;

- Dry and oil types
- Voltage to 15kV AC
- Hi-Pot
- Megger ratio
- Doble
- Current testing
- Testing reports



Annual Service and Maintenance Contracts are Available

