



## Preventative Maintenance and Testing Programs

OSHA and the NFPA recognize that a safe work place depends on properly maintained equipment. Regularly scheduled maintenance and testing reduces the probability of an unscheduled outage and can save you significant headaches and money. NPM Services is a full service maintenance and testing company with experience working with a range of industries including heavy industrial, utilities, medical, and commercial.

Our expertise includes the following:

### Switchgear-Low & Medium Voltage

- Ground Fault Testing and Inspection
- Circuit Breaker Testing and Rebuilding
- Pringle Switch Maintenance and Testing
- Bolted Pressure Switch Maintenance
- Trip Unit Retrofit Services
- All Types of Switchgear PM and Testing
- High Voltage Switch PM and Testing

### Vacuum/SF6/Oil Breakers

- Timing of Circuit Breakers
- Vacuum Bottle Testing
- Power Factor Testing
- Contact Resistance
- Lubrication and Inspection
- Drain and Inspect Oil Breakers
- Contact Replacement

### High/Low Voltage Cable Testing

- Insulation Testing of Cables
- Hi-Pot Testing of Cables
- Cable Inspection
- Repair and Termination of Cables
- Installation of Cables
- Inspection and Cleaning

### Transformers (Oil and Dry-Type)

- Power Factor Testing
- Turns Ratio Testing
- Insulation Resistance Testing
- Winding Resistance Measurement
- Leak Repair and Dehydration/Degassing
- Tap Changer Maintenance
- Field Inspections

### Testing and Predictive Maintenance

- Infrared Scanning Services
- Ultrasonic Air Leak Testing
- Ground Resistance Testing
- Insulation Testing of Motors
- Feeder Cable Testing
- Power Quality Monitoring

### Insulating Fluid Analysis of Oils

- Dissolved Gas Analysis
- Karl Fischer Water Testing
- Dielectric Testing
- Neutralization Number
- Color, Visual, Specific Gravity
- Power Factor and Furan Analysis

**Contact NPM today to setup a maintenance program at 270-678-1712!**