



PRAETORIAN

POWER PROTECTION, LLC

FIELD SERVICES

Praetorian Power Protection, LLC is a premier provider of comprehensive electrical testing, maintenance, and inspection services, certified by the National Electrical Testing Association (NETA). We specialize in ensuring the safety, reliability, and efficiency of electrical systems across various sectors, including industrial, commercial, utility, and critical infrastructure projects. Our team of NETA-certified technicians uses the latest testing equipment and adhere to the highest standards of safety and quality in every project.

SERVICES OFFERED

- **ELECTRICAL TESTING:**
Full spectrum of electrical testing services, including high-voltage, medium-voltage, and low-voltage systems, transformers, circuit breakers, protective relays, Uninterrupted Power Systems (UPS's) and batteries, ensuring systems are compliant with NETA standards.
- **PREVENTATIVE MAINTENANCE & DIAGNOSTICS:**
Routine maintenance of electrical systems, troubleshooting, and diagnostic testing to identify issues before they lead to costly failures, ensuring optimal performance and safety and minimizing downtime.
- **SYSTEM INSPECTIONS & AUDITS:**
Thorough inspection services for switchgear, motor control centers, breakers, and other critical electrical equipment to ensure compliance with industry standards and regulatory codes.
- **INFRARED THERMOGRAPHY & VISUAL INSPECTIONS:**
Use of advanced infrared technology to detect hot spots and other anomalies in electrical components and systems, providing non-invasive assessments to enhance safety and performance.
- **RELAY & PROTECTION SYSTEM TESTING:**
Testing and calibration of protective relays and control circuits to ensure proper operation during faults, preventing system damage and maintaining grid stability.
- **GROUND FAULT PROTECTION VERIFICATION:**
Verifies that ground fault protection system meets safety and performance standards in compliance with NEC 230.95.
- **ARC FLASH REDUCTION VERIFICATION:**
Verifies that Arc Flash reduction system meets safety and performance standards in compliance with NEC 240.87.
- **PARTIAL DISCHARGE TESTING:**
Detects defects in medium and high-voltage cables and equipment without requiring any facility downtime. The perfect option for critical facilities that cannot take downtime.
- **HIGH VOLTAGE TESTING:**
Includes insulation resistance, high-pot testing, and dielectric testing to assess the integrity of critical components.
- **TRANSFORMER TESTING & DIAGNOSTICS:**
Evaluation of transformer health to prevent downtime. Whether high voltage or low voltage, air or liquid cooled, >500kVA or <500kVA, we can assess the health of your transformers to ensure reliable system operation.
- **ELECTRICAL EQUIPMENT RETROFITS:**
From electro-mechanical relaying to outdated low voltage circuit breakers and everything in-between, we can engineer and perform the field replacement of outdated, unserviceable electrical components. Ensuring the functionality, modernization, and fault protection of your electrical system with shorter outage durations and lower costs than full switchboard replacements.
- **EMERGENCY SERVICES:**
24/7 emergency response for electrical system failures, outages, and urgent testing or maintenance needs.

CONTACT

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