

INFRARED INSPECTIONS

Before components fail, they overheat. Infrared thermography detects this excess heat, allowing issues to be addressed before they cause damage, hazards, or downtime. As part of an Electrical Preventive Maintenance program, these inspections also confirm equipment is running efficiently and cost-effectively.

ARC FLASH HAZARD ANALYSIS

An arc flash is a sudden, dangerous release of electrical energy that can injure workers and damage equipment. OSHA requires hazard assessments and proper PPE for energized work. Our analysis calculates incident energy at critical points in your system, improving safety, supporting compliance, reducing liability risk, and protecting uptime.

NFPA 70B COMPLIANCE

Recent updates to NFPA 70B make preventive maintenance a requirement, mandating documented programs to improve safety, reliability, and system performance. ERMCO delivers tailored maintenance plans, routine inspections, and expert support, keeping your facility compliant while preventing failures and safeguarding people, equipment, and operations.

MAINTENANCE & TESTING



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DESIGN | INTEGRATE | INSTALL | MAINTAIN | MONITOR

MAINTENANCE & TESTING



Just like your mechanical equipment, your electrical equipment performs better and lasts longer when regularly inspected and maintained. Preventing potential issues before they occur means you avoid an overheated electrical system or a catastrophic failure and the associated costs and damages.

ERMCO's skilled technicians, certified through NICET, provide services including acceptance and maintenance testing for all voltage classes. All testing is performed according to the NETA (International Electrical Testing Association) Acceptance Testing and Maintenance Testing Specifications and to the appropriate ANSI and IEEE testing standards.

OUR SERVICES INCLUDE:

- Arc-Flash hazard analysis
- Infrared inspections
- NFPA 70B compliance assistance
- Employee safety training assistance
- Cable installation, splicing terminating, and testing
- Circuit breaker testing, rebuild and repair
- Short circuit and coordination studies
- Substation installation and repair
- Transformers, dry type and liquid-filled



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