



Holton Electric Highlights Certified Thermographers for Infrared Thermal Imaging Services

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Holton Electric, a commercial electrical contractor in Minnesota, is highlighting the expertise of its certified thermographers in delivering infrared thermal imaging services. These diagnostic capabilities support proactive electrical maintenance for commercial and industrial clients by identifying potential issues before they escalate into failures or power loss situations.

Infrared thermal imaging uses specialized cameras to detect abnormal heat patterns in electrical systems that are not visible during standard inspections. Certified technicians scan panels, circuits, motors, transformers, and other components to locate overheating connections, overloaded circuits, loose terminations, or deteriorating insulation. This non-invasive process allows assessments to occur without interrupting daily operations.

From an operational perspective, the service enables facilities to address problems early and maintain consistent performance. Manufacturing plants and industrial sites particularly benefit, as undetected electrical faults can halt production lines and create extended downtime. By identifying risks in advance, thermal imaging contributes to greater system uptime and more reliable power delivery across production

environments.

Insurance and risk management considerations also factor into the value of these inspections. Many policies and risk assessments encourage or require documented preventative maintenance programs that include thermal scanning. Holton Electric's process generates detailed reports with thermal images, issue identification, and recommended corrective actions. These records help clients demonstrate due diligence, support compliance with standards such as NFPA 70B, and address insurance requirements related to electrical system integrity.

The company's approach follows a structured sequence that includes initial assessment of critical areas, data collection with high-resolution cameras, analysis by certified technicians, comprehensive reporting, development of action plans, and optional follow-up monitoring. This method provides clear documentation that supports both operational decision-making and long-term maintenance planning.

Ted LaFrance, President of Holton Electric, stated that certified thermography strengthens the company's ability to deliver accurate, actionable insights. "Infrared thermal imaging performed by trained and certified technicians allows facilities to move from reactive repairs to planned interventions that protect equipment and reduce unexpected outages."

LaFrance added that the technology plays a practical role in preventing power loss events. "Early detection of thermal anomalies gives manufacturers and other commercial clients the opportunity to schedule repairs during planned windows rather than responding to sudden failures that disrupt operations."

Holton Electric integrates infrared scanning into broader preventative maintenance programs that also include general service, troubleshooting, and related safety evaluations. The service is available for manufacturing and industrial facilities, commercial buildings, educational institutions, healthcare sites, and other environments where electrical reliability is essential.

Founded in 2007 and strengthened by its 2020 integration with A-1 Electric Service, Holton Electric further expanded its team in May 2026 with the addition of Rice Lake Electric, Inc. of Belle Plaine. The company operates as a local, team-operated commercial and light industrial electrical contracting company serving the Twin Cities metro area and beyond. The firm emphasizes workmanship, integrity, and thorough communication while delivering solutions that support client operational goals.

Client feedback consistently notes the team's knowledge, attention to detail, and ability to coordinate work around existing schedules. These attributes align with the careful, methodical nature of thermal imaging inspections that prioritize accuracy and minimal disruption.

As facilities continue to seek ways to improve electrical reliability and manage risk, Holton Electric remains focused on providing certified infrared thermal imaging as part of its diagnostic and maintenance services. The combination of trained thermographers, advanced equipment, and clear reporting helps commercial and industrial clients identify issues early, support insurance and compliance needs, and maintain higher levels of system uptime.

Holton Electric is a commercial and light industrial electrical contracting company based in Minnesota. It provides professional electrical services, including infrared thermal imaging, to businesses and institutions throughout the region with an emphasis on safety, reliability, and client collaboration.

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For more information about Holton Electric Contractors, contact the company here: Holton Electric Contractors Theodore LaFrance 651-769-4110 tlafrance@holtonelectric.com

Holton Electric Contractors

Holton Electric is a local, team-operated commercial electrical contracting company serving MN. We provide our commercial and industrial clients with a variety of professional electrical services.

Website: <https://holtonelectric.com/>

Email: tlafrance@holtonelectric.com

Phone: 651-769-4110

