

Weifield Electrical Service Division

INFRARED (IR) SCANNING SERVICES

HOW IT WORKS



Identifying issues before disruption.

Infrared electrical inspections find hot spots caused by defects in connections and components—long before they become issues that could cause catastrophic failure of the equipment. Infrared scanning is a diagnostic, non-intrusive, preventative maintenance inspection technique, using a thermal imaging device to detect heat coming from an object, area, or system. It converts the heat detection to a temperature reading displayed on the scanned area for accurate detection of potential hot spots.

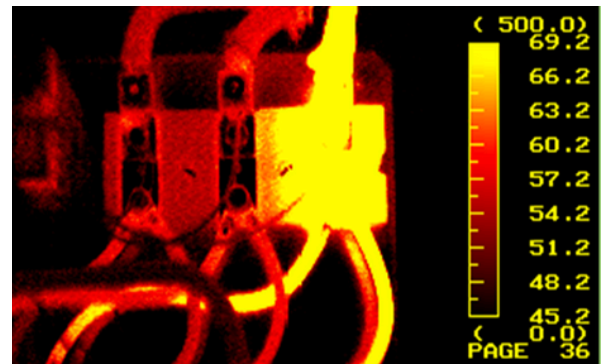
As a part of a thorough electrical preventative maintenance program, IR inspections take the lead. They uncover issues and provide a complete, comprehensive report of equipment conditions—allowing for fast resolutions.

FAST DETECTION

HIGH ACCURACY

WHAT WE DO

Compliant thermal imaging that protects your business



Our Infrared Imaging Services include electrical infrared inspections in accordance with the Introspection Standard for Infrared Inspection of Electrical Systems and Rotating Equipment.

The National Fire Protection Association (NFPA) 70B §11.17.5 suggests that every commercial and industrial building in the U.S. should have an IR survey at least once per year.



1.877.WEIFIELD
1.877.934.3435

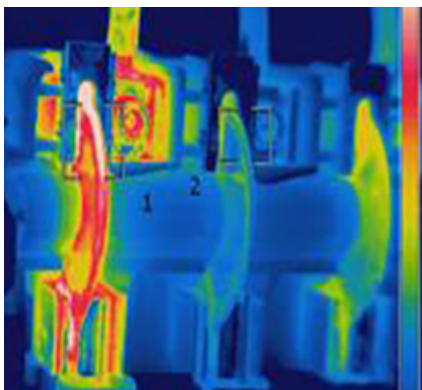


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THE RIGHT SOLUTION FOR PEACE OF MIND

The best way to protect your organization's **productivity.**

Conditions Detected by an Infrared Inspection	Benefits of an Infrared Inspection
<ul style="list-style-type: none">• Overloads/unbalanced loads• Loose/deteriorated connections• Open circuits• Inducted heating• Harmonics• Defective equipment	<ul style="list-style-type: none">• Reduce unscheduled downtime• No service interruption• Increase life of equipment• Lower risks/repair costs• Avoid catastrophic failures/increase profits



KEY FEATURES & BENEFITS

Non-Intrusive Scanning Capability

One of the most significant advantages seen through IR scanning is that it is not necessary to take the equipment off-line during the time it is being checked. The scanning takes place while the equipment is operating and energized, so it does not result in downtime at your facility.

Extending the Life of Equipment

While it is not a substitute for routine maintenance, regular thermographic inspection generally prolongs the lifetime of electrical equipment. Inspection using IR window thermal cameras provides fast and reliable confirmation that equipment is working well and that no unexpected heating is occurring.

Prioritizing Safety

Damaged wires can cause a variety of problems. Fires caused by electrical sparking can cause major property damage as well as injury. Regular inspections can keep these issues from becoming a reality.

Ensuring Compliance

Depending on where you live, your city or community may have their own electrical regulations and code that it expects people to follow. Getting regular inspections may be a requirement of those regulations, and it's important to follow them.

Your Pathway to Success Begins Here

weifieldcontracting.com

Why Choose Weifield? Electrical systems are complicated, but we believe that electrical service doesn't have to be. At Weifield, we bridge the gap between affordable prices and valued service, because we believe there's more to business than turning a profit. We are committed to providing all that we can for you, our customers, our employees, and our community. If you would like an infrared scan performed, **contact us today!**



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