



ES&E SERVICES & SOLUTIONS

INFRARED THERMOGRAPHY

Infrared
Thermography can
identify problems
before they cause
failures, safety risks
or downtime.



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ES&E offers an Infrared
Thermography
Assessment to
prevent catastrophic
machine failure
due to significant
temperature
increases. Let
us help keep
your plant
running
smoothly.



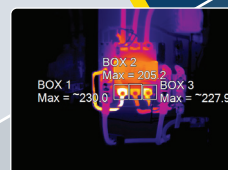
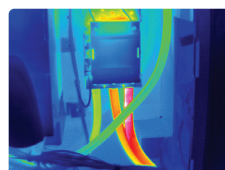
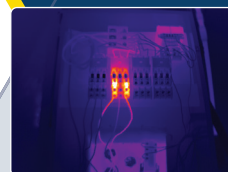
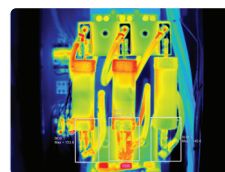
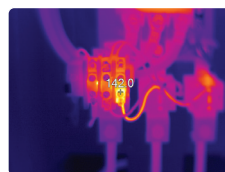
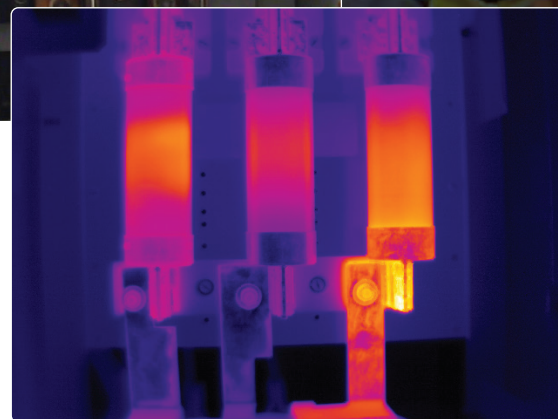
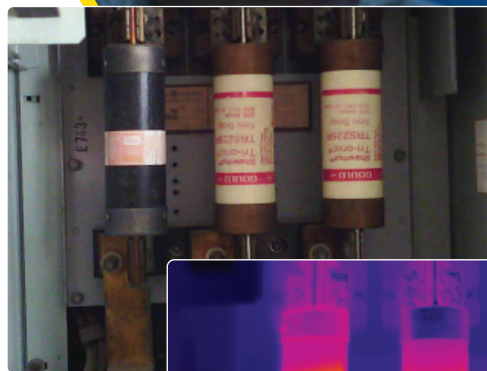
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ES&E SERVICES & SOLUTIONS INFRARED THERMOGRAPHY

An Infrared Thermography Assessment is a great way to identify potential issues in the early stages before it can be seen using any other tool. A temperature difference or hotspot can be detected in an electrical circuit and is usually a sign of excess resistance. In a mechanical system such as a motor bearing it could be a sign of excess friction in the motor bearing indicating bearing failure.

The assessment includes

- Qualitative Infrared Thermographic inspection of electrical systems such as MCCs, bus work, switchgear, and custom built panels for either power and control.
- All procedures performed during the Infrared inspection are based on the American Society for Nondestructive Testing, NFPA 70B & 70E, and OSHA.
- A site walkthrough is necessary for a proposal.
- Service includes one technician and thermography equipment. *A qualified plant technician is required to open and close electrical equipment during infrared inspection.*
- A complete detailed report of all anomalies discovered.



At ES&E we are committed to doing our very best in assuring our customers achieve their production goals with as little downtime and unexpected issues as possible. The Infrared Thermography Assessment can be quoted on an as needed basis or regularly scheduled intervals. Our certified technicians have been trained under an ASNT-certified program.

ES&E Services & Solutions

Call now to get more information or to schedule an Infrared Thermography Assessment.

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