

Mayfield Thermography



Consulting Services, Inc.

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“With Electrical Components, if you can’t SEE IT, you can’t FIX IT™”
“We SEE what others don’t SEE, Non-destructively™”

Certified Infrared Thermographers perform these qualitative infrared thermographic surveys.

Electrical Predictive Maintenance

This service includes:

- Inspection with a high-resolution thermal imaging and recording radiometer. We use state of the art imaging systems.

The reports include a complete hard copy report consisting of:

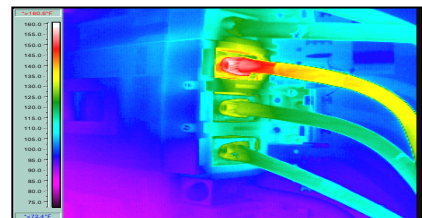
- Bound report notebook with data log (a list of all items inspected), thermographic reports of anomalies, summary of findings, recap and repair guide listings.
- Computer CD or diskette with project files. The file contains all written information of the report for records-keeping, documenting repair work that has been completed, and/or for generating work orders and arranging for planned outages so that equipment can be repaired.
- After survey completion, the report will be presented to your company upon completion of the written report.

The entire electrical system should be surveyed including:

- Utility substations, transformers and feed poles.
- Main distribution panels and main disconnects.
- Main switchboards and disconnects.
- Main incoming services, plant main knives, capacitor banks, etc.
- Uninterruptible power supplies.
- Generator controls and transfer switches.
- Main I-Line panels.
- Lighting and receptacle panels.
- Disconnects and combination starters.
- Service disconnects for motors.
- Machine control panels.



Visible Photo



**Infrared Photo showing electrical fault
due to loose connection.**

Questions, contact Tom Mayfield at the phone numbers listed above.