

Infrared Inspection Services

Thermal Infrared inspections are fast and **cost effective**. This is a **non-destructive** technology which causes no disruption of service... **no shut down is required!**

Inspection Surveys provided:

- Electrical Equipment
- Roof Leak
- Energy Loss
- Mechanical Equipment



**GEORGIA
INFRARED**

www.GAInfrared.com
Billy English
Cell: 706 799 0445
706-860-0638
Billy@GAInfrared.com
Level II Certified Infrared
Thermographer
Certification No. 66525

Thermography Maintenance Technical Services

If you are a facility manager, maintenance manager, building owner...responsible for safety, production and repair at your facility, you cannot afford to be without a regular infrared (IR) thermographic survey of your electrical equipment, distribution system and mechanical equipment.

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

Increasingly... Insurance companies are requiring IR surveys of electrical and mechanical systems for their insured clients. Some companies may even offer discounts if you have the surveys performed.

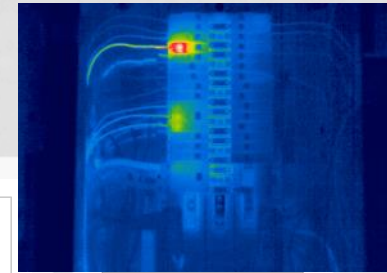
Infrared Predictive Maintenance Explained

Infrared thermography is used to perform thermal inspections on electrical equipment because excess resistance on electrical apparatus indicates electrical faults such as loose connections, overloaded or imbalanced circuits, faulty breakers, damaged switches, faulty fuses and a wide range of other unwanted electrical conditions.

Before an electrical component burns up, it heats up. Thermography is used to see the excess heat (resistance) so that problems can be found and maintenance personnel can act to correct the problem before the component fails, causing damage to the component, safety hazards and/or production downtime.

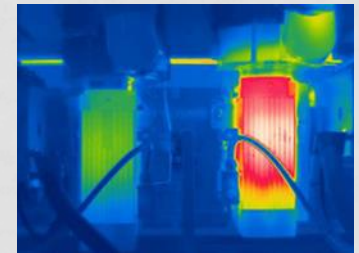
Electrical Surveys

Conditions that can be detected: Inductive heating, open or short circuits, loose or deteriorated connections, overloaded & imbalanced circuits, defective or improperly installed parts.



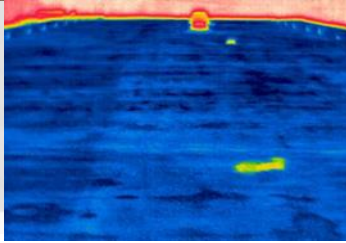
Mechanical Surveys

Overheating conditions caused by bad bearings, misalignment and unbalance.



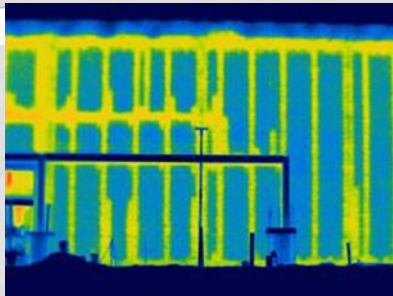
Roof Inspections

An effective maintenance inspection which provides early warning of roof degradation or moisture intrusion.



Energy Loss Survey

Ultrasonic equipment can help locate pressure and vacuum leaks; detect electrical discharges such as corona, tracking, and arcing; identify faulty valves and steam traps; trend bearings and other mechanical systems.



Infrared Thermography

Infrared Imaging can detect thermal anomalies in Electrical and Mechanical Systems, Heat loss in Building envelopes, roofing systems, moisture intrusion.

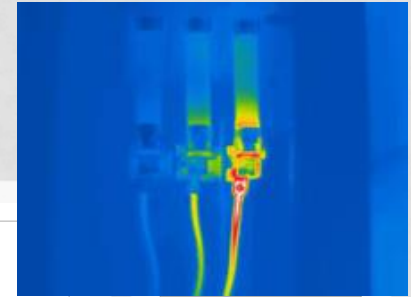
Advantages of using Thermal Infrared Inspections

- Increase Equipment Life
- Tax Deductible Expense
- Electric Code Compliance
 - Lower Repair Costs
 - Increase Profits
 - Save On Insurance
 - Avoid Catastrophic Failures
 - Personnel Safety

Take advantage of Infrared Thermographic Surveys to increase **uptime**, **productivity** and **profitability**.

Electrical Surveys

Conditions that can be detected: Inductive heating, open or short circuits, loose or deteriorated connections, overloaded & imbalanced circuits, defective or improperly installed parts.



Home Inspections

Conditions that can be detected: Inductive heating, open or short circuits, loose or deteriorated connections, overloaded & imbalanced circuits, defective or improperly installed parts.

