

The Technology Consortium, Ltd.

Ron Hoffman

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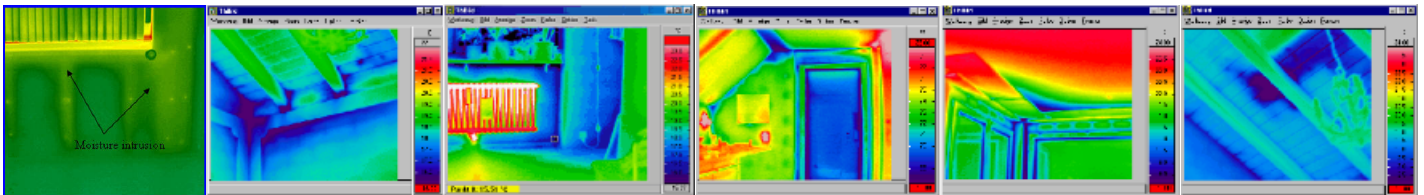
422 Lake Eljema Drive Piedmont, South Carolina 29673, USA

Building Solutions... Diagnosing with Thermography:

Everything, including ice cubes, emits heat! We utilize this physical characteristic to determine the heat variations in buildings.

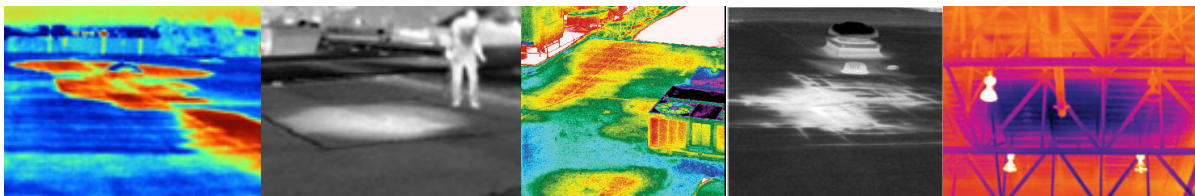
This real-time, non-contact visual testing process determines one tenth of degree (0.1 ° F.) temperature. Thermography is a non-contact, non-destructive test. Our Thermographic gear will inspect your building during normal conditions. We will then generate a list of specific findings and anomalies. This information will allow you to plan for repairs, replacements, or other corrective actions. This service will identify the location of building problems and determine how to repair it. Your savings come from many sources:

Water leaks are readily identified at their source... Therefore, Mold and other moisture related problems are solved before they harm residents and ruin the building structure...



Buildings with moisture accumulation due to condensation or leaks are prime candidates for mold growth. Controlling moisture is the only way to control mold growth. Mold can begin growth in as little as 24 hours, and once established continues to regenerate at a rampant rate. Roof leaks and water pipe leaks are common sources of water accumulation that cause mold growth. Mold has ruined many buildings and cost millions of dollars in remediation. Infrared inspection is the quickest, best, method to discover moisture and prevent mold from developing.

Roofing Systems are often the cause of water intrusion; Thermography will identify the problem areas...



Thermography identifies various structural, moisture, and contamination problems. This is the best method of accurately detecting the presence of mold, moisture, or liquids before they become evident to the naked eye. Building studies also identify the presence of utilities and pipes hidden within walls.

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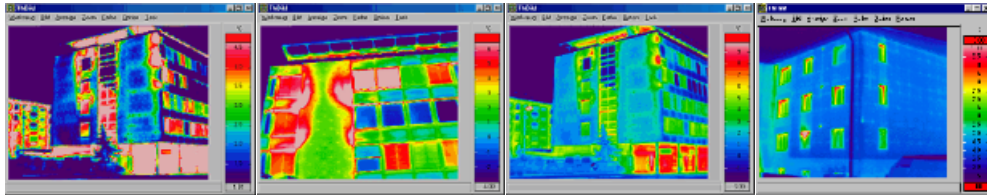
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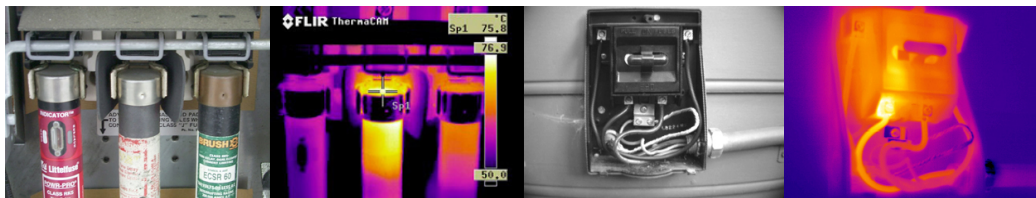
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HVAC and building insulation problems are easily recognized...



Thermography identifies heating and cooling loss due to HVAC issues, construction, missing or inadequate insulation, leaks, and moisture intrusion. Correcting the defects plays a significant role in increasing building efficiency, structural integrity, and environmental conformance.

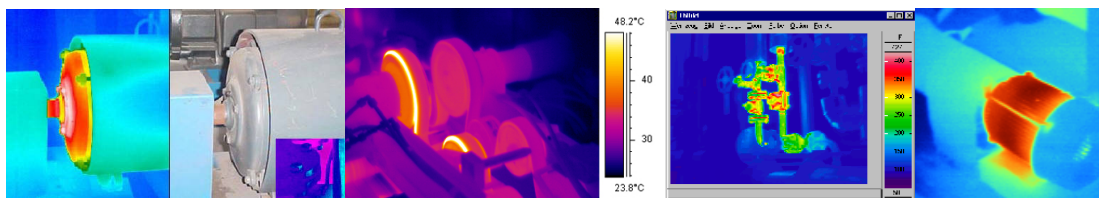
Electrical problems become apparent before they cause trouble...



Thermography identifies faulty or failing electrical components, loose or corroded connections, and overheated components. The loss of electrical power is not only a nuisance, these outages always occur at the worst possible time.

Electrical problems are the third greatest cause of major fires according to the latest National Fire Protection Agency (NFPA) data. These fires resulted in 20 deaths, 250 injuries, and \$400 Million in damages.

Mechanical support system failures are predicted by Thermography...



Thermography identifies problems associated with overloading, lubrication, and many other mechanical issues. If these building support items fail, it is not only an inconvenience, but also is a loss of business.

The BEST reason to utilize Thermography...

Insurance company incentives often compensate you beyond the cost of the Thermography service...