

# Digital Thermography

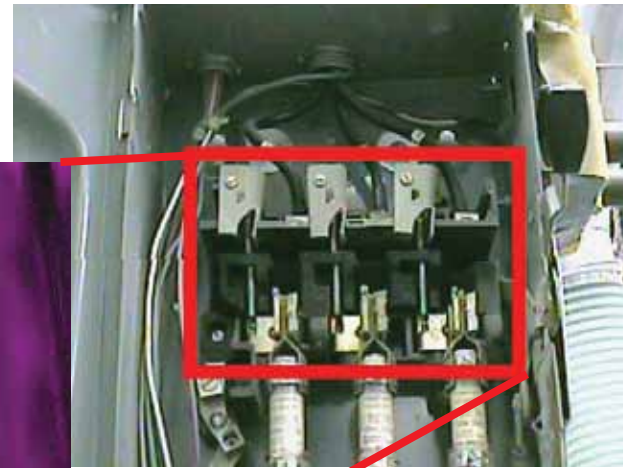
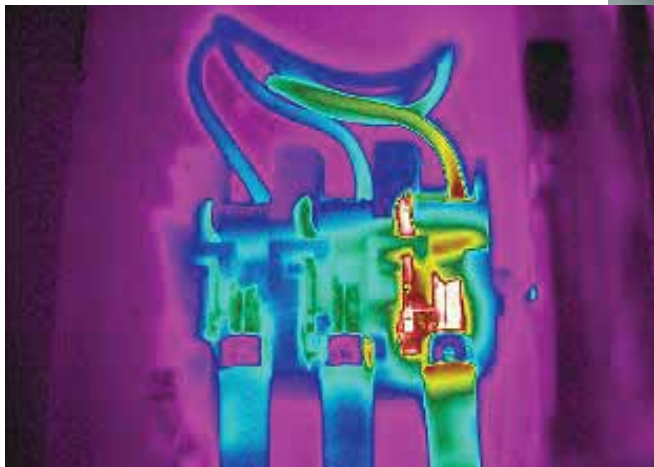


Dedicated People, Quality  
Products, and Above All, Service.

Our reports include an equipment list that records all areas scanned: problem equipment is highlighted. We provide a "Key to Severity" list with general recommendations and classifications for various temperature rises. The thermographic test point section includes photographs and a thermographic image of each problem area with specific details. The pictures opposite are an example of a typical color print report.

## Reports are Customized as Required. Your report can include the following:

- Areas of an image within a specific temperature band
- Specific temperature points displayed on the image
- A graphical representation of temperatures
- Identification of specific points
- A temperature display superimposed over the image



## Now Offering IR Video Capabilities!

### IR Video: Real-Time Analysis

IR Video allows you to see your equipment heat up and cool down in real time. The object of IR Video is to witness the process: for example, within 10 seconds you're able to see a discernible temperature change, something that an IR still photo can't do!

# Thermographic Inspection Applications

## Power Distribution

- High Tension Line/Splices
- Substations
- Transformers

## Disconnects

## Buss Connections

- Relays
- Breakers

## Fuse Clips

- All Control Connections
- Motor Control Centers
- Starters
- Connectors & Contacts
- Fuse Clips
- Buss Stabs

## Enclosed Buss Runs

- Bolted Connections
- Conductor Fatigue
- Miscellaneous
- Generator Windings/Brush Riggings
- Feeders
- Breakers

## Voltage Regulators/Relays

- Heat Exchangers
- Flat Roof Building Analysis
- Locate Moisture Areas
- Verify Contractor Workmanship
- Identify Weak/Stressed Areas
- Identify Flashing Leaks, Seam Joints

## Building Energy Analysis

- Verify Insulation Weakness/Walls/Ceilings
- Locate Settled Insulation in Walls
- Verify Product Performance/Heat Loss
- Verify Contract Workmanship Performance
- Locate Air Infiltration Area
- Verify Window/Door Performance

## Verify Energy Loss Through Foundations

- Locate Wet Insulation
- Determine Solar Loading
- Ventilation Performance
- Heat Loss from Ducts, Steam Hot Water Systems
- Miscellaneous General Inspections
- Mechanical/Bearings/Friction

## Gears/Drive Belts/Lubrication Needs

- Shafts/Welds/Castings/Molds
- Fire Inspections/Search & Rescue

## Aerial Inspection/Roof/Electrical/ Underground/Steam

- Security/Surveillance Intrusion
- Tanks, Vessels, Product Inspections
- Grain Elevators, Tank Cars, Products/Storage



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