

Thermographic Evaluations

Thermographic (infrared) evaluations find hot spots caused by defects in electrical connections and components. Thermography is used to identify areas of excess heat so that problems can be corrected before a component fails, causing damage, safety hazards and productivity loss. The defects can then be corrected by a qualified, licensed and insured electrical contractor.



Conditions Detected by Thermographic Evaluations

- ✓ Loose/deteriorated connections
- ✓ Overloads
- ✓ Open circuits
- ✓ Unbalanced loads
- ✓ Inductive heating
- ✓ Harmonics
- ✓ Defective equipment



Potential Benefits of Thermographic Evaluations

- ✓ Reduce unscheduled downtime
- ✓ Reduce risks
- ✓ Lower repair costs
- ✓ Prevent catastrophic failures
- ✓ Lower insurance premiums due to reduced losses

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