

Infrared Thermal Imaging



Identify potential hazards before they happen with the use of Infrared Thermal Imaging. With an accuracy of $\pm 2^{\circ}\text{C}$, Thermal Imagers provide a comprehensive account of any surface, such as transformers, generators, switchboards and wiring connections that may cause future problems. By using a live digital image, Thermal Imagers blend a digital picture with an infrared image to give the user an accurate description of hot and cold spots of a given area. To do this, trackers are incorporated which automatically pinpoint two conflicting temperatures and provide the difference between the two points. Elliott Contracting has certified Infrared Level I Electricians to identify problems and provide diagnostic reports recommending corrective actions.



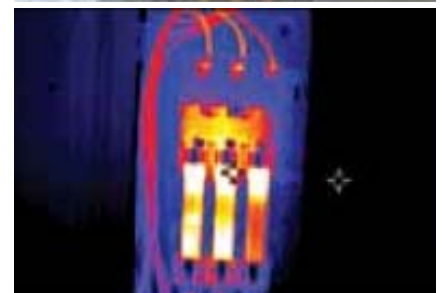
Available Infrared Thermal Imaging services include:

REAL TIME ANALYSIS OF:

- Electrical Switchgear
- Electrical Panelboards
- Motors and Motor Controls
- HVAC Equipments
- Uninterruptible Power Supplies (UPS)
- Automatic Transfer Switches (ATS)
- Power Distribution Units (PDU)
- Batteries
- Electrical Devices

PREVENTATIVE MAINTENANCE INCLUDES:

- Identification of overloaded circuits, loose or corroded connections and failing breakers in electrical panels.
- Identification of blown fuses overloads, phase imbalance and harmonics problems.
- Identification of hot spots from high resistance connections.
- Comprehensive report detailing corrective actions and follow-up images after repairs have been made.



ELLIOTT CONTRACTING CORPORATION
Electrical Construction and Maintenance