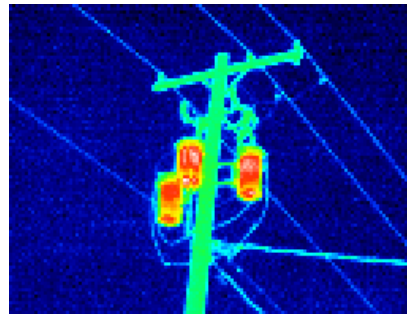


B & J Electric is now providing non-intrusive testing using the latest technology in infrared scanning while your facility is in operation and under load. We will also document a problem and offer a recommendation on the best way to repair the problem.

Scans can be performed on a variety of applications:

- Distribution panels
- Circuit breakers
- Bus bars
- Motor control centers
- Motor bearings
- Gear boxes
- Main switchgear
- Transformers
- Motors
- High voltage equipment
- Sub-stations



In addition, infrared testing will:

- Save money by preventing equipment failures, reduce costly down time, improve electrical/mechanical efficiency and on emergency repairs.
- Save time by reducing emergency service calls for maintenance crews, avoid disruption of services by using the technology, and identify or prioritize areas needing prevention maintenance.
- Improving safety by identifying fire hazards and reducing risk of catastrophic system failure.

How B & J will perform the thermal scanning:

1. The thermographer scans the location or equipment with the infrared camera looking for thermal patterns that indicate abnormal heat.
2. An on-site analysis is done and data recorded to provide recommendation for repair. Severe heating abnormalities will be brought to the customer's attention immediately.
3. A fully detailed report including both the thermal and photographic images is created. The report will describe the absolute temperature measurement along with outlining the severity and be sent to the customer.

We can offer this service on an hourly, semi-annually, or annual rate. B & J is dedicated to providing quality thermal infrared inspections and repairs. For any questions relating to these inspections or procedures, please contact us at our office 330-549-5509.

