

Our Team...

David Lindsay - President

David has over 30 years management experience in the construction and electrical industry. His responsibilities include estimation, scheduling, job costing and the direction of all company activities.

Walter Pamic - Vice President

Walter has over 29 years experience in management and estimating in the electrical industry. His is responsible for project estimating and management, budget forecasting and job costing.

Henry Pace - Foreman

Henry is a journeyman electrician with over 22 years experience in the industry. As the company's electrical foreman, Henry communicates regularly with clients, and with all of the sub-trades to ensure that deliverables are met and projects run smoothly.

Thermographers – Level 1

- Jeremie Decoeur – Journeyman Electrician
- Clint Massey– Journeyman Electrician
- Mark Levac – Journeyman Electrician
- Donna Lepage – Journeyman Electrician
- Iain Algie – Apprentice Electrician

Why Choose Us?

Power-Tek Electrical Services Inc. has been providing infrared electrical / mechanical system survey solutions to clients like Nortel since 1996. Our clients not only benefit from our thermographic surveying services, but also our **qualified** electricians are able to repair / replace the defective equipment quickly and efficiently, thereby reducing production downtime. Our team of professionals will also set up a proactive, predictive maintenance program designed to save **you** the client time and money.

Contact Information

Power-Tek Electrical Services Inc.

155 Iber Road, Ottawa, Ontario K2S 1E7

Phone: (613) 836-4311 Fax: (613) 836-3601

info@power-tek.on.ca

www.power-tek.on.ca

ECRA/ESA 7000274

Thermal Imaging can save you...

MONEY!

EQUIPMENT!

DOWNTIME!

***Power-Tek
Electrical
Services Inc.***

Providing thermal imaging and thermographic surveying services for predictive maintenance!!

Call us Today!
613-836-4311

Why Use Infrared?

Electrical and mechanical systems which use or transmit power generally get hot before they fail. Infrared technology is a **cost effective**, predictive maintenance (PM) solution allowing for the prompt and accurate location of any problems prior to failure.

Performing thermographic surveys on a yearly basis will...

- Extend the life of the equipment
- Reduce operational downtime
- Decrease the risk of electrical fires
- Reduce insurance costs

The end result is that implementing a thermographic program will **save** your business money.

Applications...

- Generators & UPS Systems
- AC & DC Equipment
- Transmission & Distribution
- Power & Lighting Panels
- Substation & Transformers
- Indoor & Outdoor Switchgear
- Mechanical Equipment
- Buildings

How Does Thermography Work?

IR Thermography or thermal imaging uses an infrared camera to provide an image and measurement of the thermal energy emitted from an object. The thermal imaging process is a non-contact, **non-destructive** test used to identify incipient equipment failure.

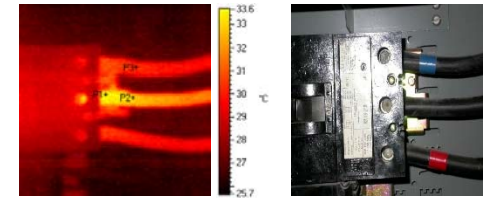
Surveys are performed by **certified** infrared thermographers, using high quality, accurate radiometric cameras.

Our infrared cameras have an accuracy of +/- 2 C and are capable of measuring temperatures from -30 C to 1200 C

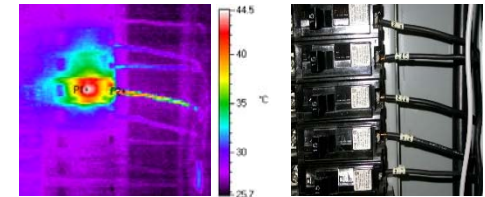
Any areas detected with unusually high temperature readings are measured and the results documented. A thermographic inspection report is prepared by the thermographer for the client, showing images and inspection results for all problem areas and components as well as the corrective action required.



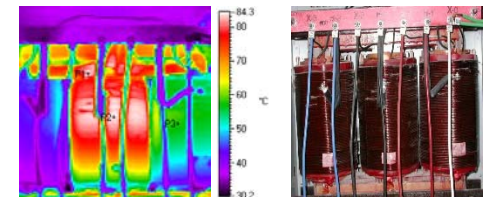
Thermal Images Showing Defects...



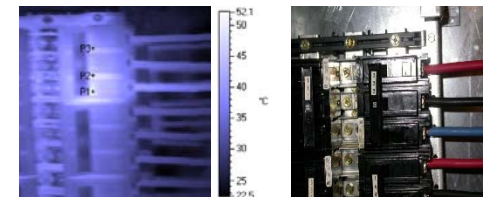
Poor connection at lug on Breaker



Overloaded Circuit



Defective Transformer



Defective Breaker – load / heat signature abnormal

