



Thermal Works is a new and innovative Tasmanian based company striving to offer the customer the very best insight into the equipment that your company depends upon, by utilising very high standards of infrared thermography.

If you are responsible for the prevention of unexpected downtime in your plant, for the planning and scheduling of maintenance activities or involved in risk management, then there is no substitute for infrared thermal imaging.

Thermal imaging has evolved into one of the most valuable diagnostic tools for predictive maintenance. By detecting anomalies often invisible to the naked eye, thermography allows corrective action to be taken before costly system failures occur. Some examples include.

- Identifying loose / corroded connections and splices
- Poor breaker connections
- Overloading and overheating
- Broken conductor strands
- Unbalanced 3 phase loads
- Blocked / restricted cooling tubes in transformers
- Viewing fluid levels in transformer oil reservoirs
- Overheating bearings in motors & generators
- Ineffective cooling of motors
- Locating faulty floor heating elements

Electrical fires represent 40% of fire loss insurance costs in industry & 20% of large-scale fire incidents. A thermographic survey from Thermal Works is a fast and cost effective way to locate faults with no disruption to the running of your business.

With 40 years of industrial experience specialising in condition monitoring and reliability improvement. We don't just take pictures, interpretation is our strongest point. We are able to accurately interpret results and make recommendations to monitor and manage the condition thus improving the reliability and maximise machinery up time.

Our Thermographers are members of The Australian Institute of Non-Destructive Testing guaranteeing you high standards for your Infrared Survey. A full report is supplied at the end of each survey, with thermal & digital images of all noted problems.

Infrared Thermal Imaging is the best non-intrusive method of determining the condition of your assets in your plant.

Call today to discuss your thermal imaging requirements

Scott Fletcher 0447 900 672

Or visit our website at www.thermalworks.com.au for further details and register your interest