



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 mechanical inspections. By detecting anomalies often invisible to the naked eye, thermography allows fast, reliable, accurate diagnosis so corrective action can be taken before costly system failures occur.

Just a few examples of this are:

- To identify fluid levels in tanks & silos and the sludge material, which may be building up in the tank thus reducing its capacity & possible flows from that vessel.
- To identify bearings which are overheating. With infrared thermal imaging bearings can be identified before they fail and scheduled to be replaced in a planned manner.
- Used to monitor the performance of steam traps. Infrared thermal imaging is non intrusive and it is quicker and safer than checking a steam trap manually.
- Used to identify hot spots in refractory linings of furnaces and kilns without the need of having to isolate the equipment and inspect visually.
- To identify leaking valves in numerous applications within industry, while the equipment is still online.

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 along with recommendations.

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