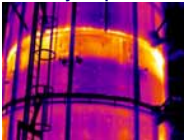


## Tailored Service

With Tecpinions a thermographic survey is whatever **you** want it to be. The scope of all of our surveys is developed in close co-operation with our clients. This ensures that as a client you get the service that you require.

## Reporting

Survey reports are issued to the client in a number of formats. The reports include thermal, visual and moving images. Reports are delivered to the client soon after completion of the survey to allow them to gain the maximum benefit from the survey.

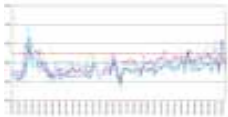


## Affordable

We frequently save the client more than the cost of the survey. Many problems located with thermal imaging are economic to address but yield very high returns.

## Repeatable

Repeating surveys at regular intervals can increase benefits. We have the capability to set up and execute regular monitoring programmes, performing data and trend analysis, taking some of the workload from your already stretched workforce. Assessing the condition and performance of your equipment over time



improves maintenance planning and equipment reliability, which allows you to focus your maintenance resources to where they are really needed.



Custom Built Thermographic Solutions

For further information about  
Thermographic Surveys and Tecpinions  
please do not hesitate to contact us.

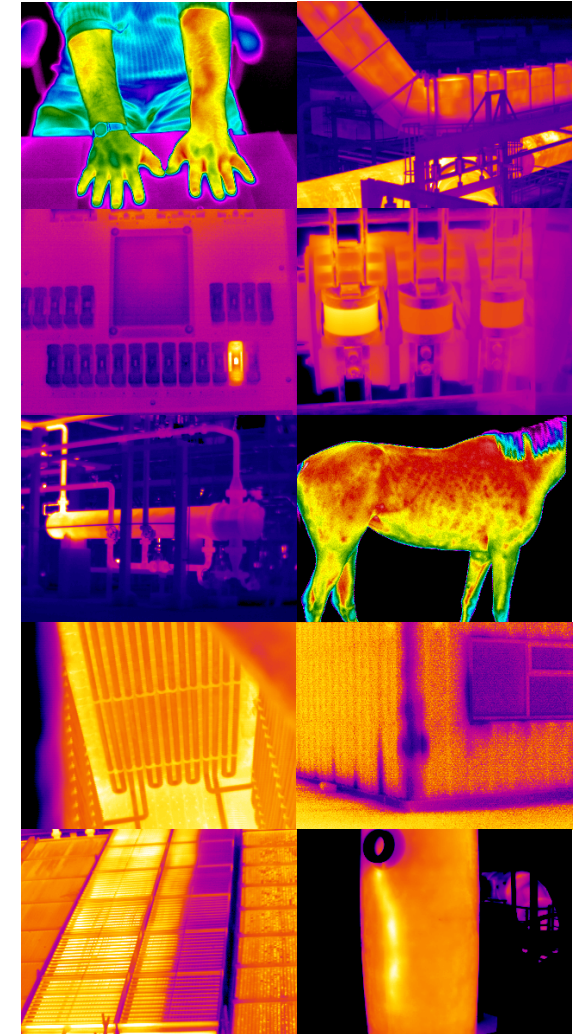
Phone : +44 (0)1437 891358

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**Tecpinions Ltd**  
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SA62 4LX



**Tecpinions provides client specific thermographic consultancy services to a wide range of customers in many different sectors of business.**

## Capabilities



We can enable improvement in equipment reliability, increase worker safety, enhance employee and customer comfort,

reduce energy expenditure, assist in meeting building regulations, train personnel and help to increase the client's profit.

## Common Surveys

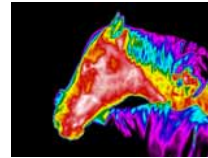
- Fault finding surveys for electrical systems
- Fault finding surveys for rotating mechanical equipment
- Furnace firing surveys
- Thermal integrity surveys for large buildings
- Leak surveys on flat roofs
- Efficiency surveys for heating and air conditioning systems
- Condition monitoring of refractory lined process equipment
- Animal surveys to complement veterinary diagnosis

## Highly Qualified

All our surveys are carried out by highly qualified personnel who have honours degree and chartered engineer certification plus Infrared Training Centre and BINDT PCN Thermographic qualifications. **Tecpinions is the highest PCN qualified consultancy in the UK!**

## Broad Experience

We have more than 10 years experience in infrared thermal imaging. We provide training and have been involved with research and development and thermal camera development as well as providing thermal surveys.

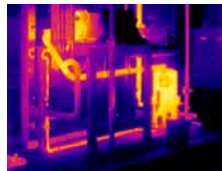


## Rapid Response

We are able to respond rapidly and flexibly, nationally and internationally, to our client's needs. Emergency calls are catered for as well as planned regular survey programmes.

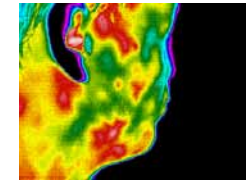
## Why have a survey?

Time is money. Every minute that your equipment is not operating at maximum efficiency and throughput it is not operating at maximum profit. Thermal surveys of your plant and equipment can identify items that are not functioning correctly or may fail prematurely. Reducing unplanned maintenance and downtime will increase your profit.



Energy is likely to be a high proportion of your operating costs. A thermal survey of your building and its heating, ventilation and air conditioning systems can identify any wasted energy, reducing your carbon emissions and improving your profit.

## What is a survey?



Objects are surveyed using a Thermal Imaging Camera. The camera generates an image based on the infrared radiation emitted by the object.

The camera can detect temperature differences as small as 0.2°C. Problem areas are usually indicated by too much or too little heat. Interpretation of the images allows an evaluation of the condition of the object to be made.

Very accurate temperature measurements can be made between -40°C and 2000°C. The thermal camera allows problems that are not visible to the naked eye to be located and evaluated. You can often see abnormalities before they become a problem.

## Furnaces? No problem!

Tecpinions use short wave thermal cameras with flame filters that permit temperature measurement inside furnaces and through the flames. Measuring the operating conditions inside your boiler or process furnace can significantly reduce your fuel costs and make your operation more environmentally friendly.

