

Infrared Fire Risk Surveys



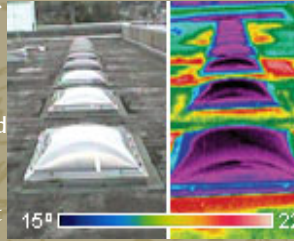
To the Hospitality
Industry

Our trained staff are here to make sure your facility is fire safe and compliant

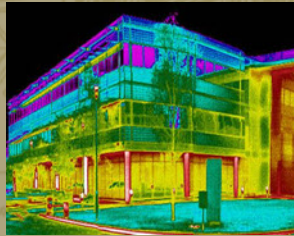
Throughout the evolution of infrared technology electrical system remain the corner stone of the industry. Accurate diagnosis begins with understanding electricity and what causes thermal anomalies, compromised connections, overload conditions, load imbalances, harmonics problems and inductive heating.



Infrared imaging is a proven method for identifying moisture problems in your roof. This will enable you to develop a more sophisticated roof asset management program. By using infrared thermography, we find the trapped moisture and mark the wet areas on the roof with marking paint, so that roof repairs can be made surgically



Thermographic imagery has long been used for evaluation commercial and residential buildings. This has become an area of increasing interest, as all building owners and administrators continues to seek for the most cost-effective way of reducing energy use, and of ensuring both the initial quality and long-term durability of buildings.



Thys Pienaar
Managing Member



Why not check your facilities for **FIRE** risk, prevention is better than cure

Our Aim is your Gain in **FIRE** and Asset Risk Management. With our Infrare**d** monitoring techniques our experienced consultants can help you uncover dangerous situations which may arise with electrical equipment, building and roof envelopes which the naked eye cannot see. Infrare**d** is a powerful risk management tool, reducing downtime, loss in revenue,

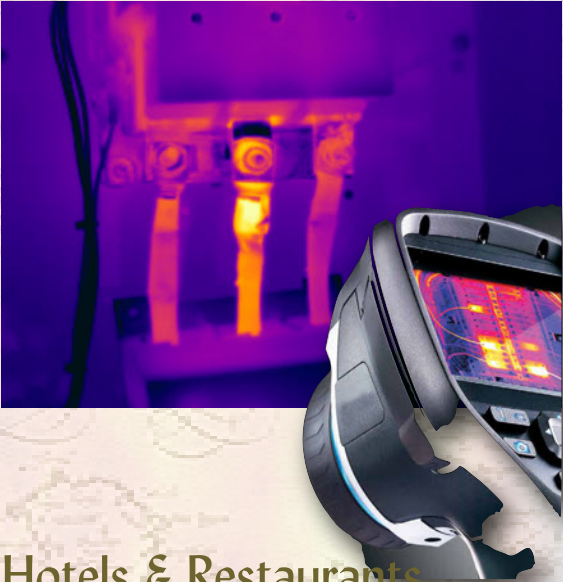
damage to property or personnel, fewer insurance claims and for insurance coverage purposes. Helping you maintain the safety and compliants as required by law. 75% of all commercial accomodation fires are caused

by electrical failure, with electrical failure being the biggest cause of **FIRE** and safety breach, **IRTC** will perform an inexpensive non contact survey of all electrical, roof or building systems preventing untimely shutdowns, expencive repairs, claims and loss of lives.

Introduction into Infrare**d**

Infrare**d** thermography surveys. You've probably heard about this high-tech tools used to spot problems in electrical systems, building and roof envelopes. But do you really understand the process, and the possibilities that infrared surveys offer to improve safety, operations and and efficiency?





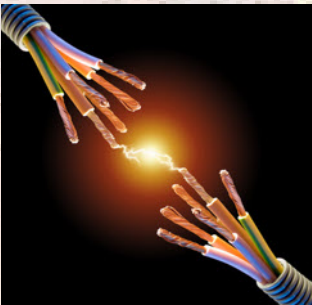
Hotels & Restaurants

WHAT MAKES INFRARED USEFUL

1. It is non contact:

Keeps the user out of danger.

Does not intrude upon or affect business and daily operations at all.



2. It is two dimensional:

The image allows for excellent overview of the target. Thermal patterns can be visualised for analysis.

3. It is real time:

Enables very fast scanning of stationary targets.

Enables capture of fast moving targets.

Enables capture of fast changing thermal patterns.

Some inspection applications



- Locating missing, marginal, and disturbed insulation in walls and ceilings
- Locating vermin and rodent problems
- Electrical inspections, surveys, and diagnostics identifying hazards
- Inspecting and locating plumbing leaks
- Inspecting and locating roof and wall leaks
- Energy surveys
- Identifying sources of heat loss
- Locating draft sources
- Locating venting and duct issues
- Identifying thermal windows
- Inspecting and locating radiant heat sources and layouts of ceiling heat and other radiant heating systems
- Locating basement leaks
- Locating plumbing drain line blockages
- Locating dead or dying trees and/or vegetation
- Locating pest and insect activity
- Identifying and locating structural defects and issues
- Locating potential sources for mould
- Heat loss inspections
- HVAC inspections and diagnostics
- Roof maintenance inspections
- Identifying mechanical malfunctions
- And much more...





IRTC

predictive maintenance

INFRARED

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Member Thys Pienaar



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At
your
service!

