



Electrical Contractors . Commercial . Industrial . Design & Build

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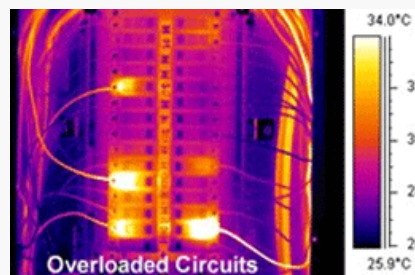
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## Thermographic Imaging.

Since infrared radiation is emitted by all objects with a temperature above absolute zero according to the black body radiation law, thermography makes it possible to see one's environment with or without visible illumination.

The amount of radiation emitted by an object increases with temperature; therefore, thermography allows one to see variations in temperature.

When viewed through a thermal imaging camera, warm objects stand out well against cooler backgrounds; Electrical hotspots or faults become easily visible, day or night. As a result, thermography is particularly useful to identify stressed electrical connections and enable preventative measures to be taken to prevent failure and potential fire damage.



Thermography has a long history, although its use has increased dramatically with the commercial and industrial applications of the past fifty years. Firefighters use thermography to see through smoke, to find persons, and to localize the base of a fire.

Maintenance technicians use thermography to locate overheating joints and terminations, which are a sign of impending failure.

**CJK Maintain** can provide on-site thermographic analysis of all electrical plant and systems ensuring the electrical installation remains up to the highest safety standards, giving peace of mind to your business, promoting long term cost savings and ensuring health and welfare of staff is prioritised.

CJK Engineering is a trading name of CJK Electrical Ltd  
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