NIST (USA) Approved

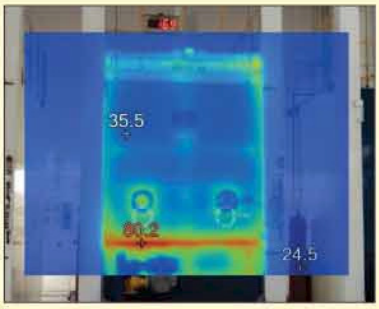
Thermography

(with FLUKE thermal imager)

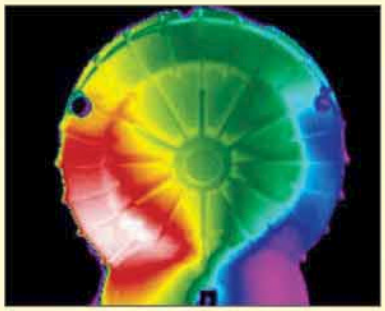
What is infrared thermography ?

Thermography is detection of radiation in infrared form from a body and produce images of the radiation. These images are called thermo grams and the process is termed as thermography.

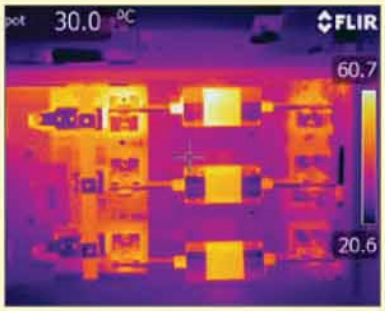
Applications



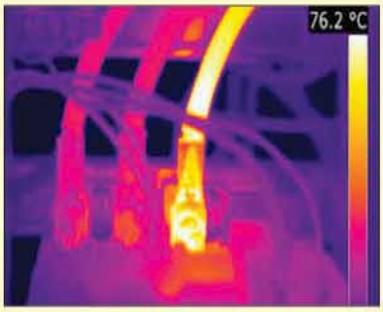
Oven



Motor



Fuse



Cable

Ovens:

Check insulation leakages at the doors. Detect hot and cold spots on the side walls.

Motors and DG sets:

Analyse heating of bearings and casings. To detect misalignment, friction, wear and tear.

Control panels:

To detect the excess heat generated in cables, fuses, bus bars and switchgears due to loose contacts or excess current .

Transformers and cables:

Uneven heat generation in transformer and cables is detected using thermal imagers. Thermography at regular intervals ensures timely preventive maintenance and reduces down time.

Product thermography:

This is an essential process requirement to check the job quality in moulds and ovens. The uniformity of heat transfer curves and delta characteristics can be analysed with software.

Advantages of Thermography

- Reduces down time
- Fast and accurate
- Ideal for preventive maintenance
- Early detection saves money
- Reduces potential health hazards
- Useful for product quality analysis

Services provided by Heatcon Systems

1. Feasibility analysis and consultancy
2. Extensive service for thermography.
3. Onsite thermal audit and analysis
4. Knowledge and updates to customer

Heatcon Systems :

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