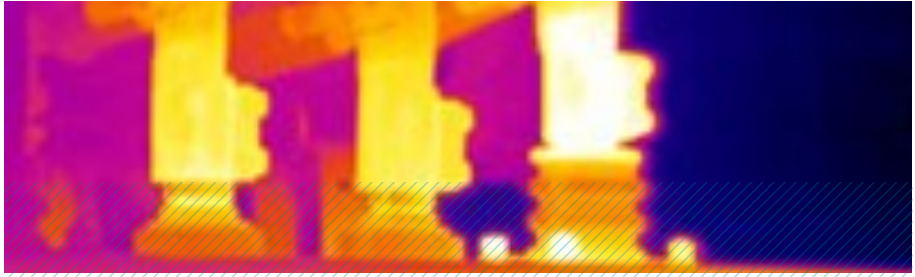

Munich RE

Thermographic scans

Because a picture is worth a thousand words

Risk Solutions

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Connect with us

Experienced and qualified HSB BI&I inspectors recommend using infrared detection technology to provide our customers with a means of pre-empting and correcting a problem. A problem not detected in time could lead to expensive repair costs and downtime.

All objects emit heat in the form of electromagnetic radiation.

A qualified contractor or technician using an infrared camera would be able to detect and measure heat being produced within a device, diagnose the problem and recommend corrective counter-measures

Evaluating systems and equipment
Equipment does not need to be shut down – a plant can operate while scanning is performed. Areas scanned include, but are not limited to:

- Electrical switch gear, breakers, bus connections, and contacts
- Transformer connections
- Motor and generator connections, windings, feeders and excitors
- Bearings
- Friction in drive gears and drive belts
- Refractory systems (boilers, kilns, molten material containment, etc.)
- Steam traps and piping insulation

Preventing problems
Thermography can detect a variety of conditions that can lead to problems, including:

- Friction
- Loose connections
- Poor metallurgy
- Insulation breakdown
- Improper liquid levels
- Tank levels and insulation problems

Servicing industries
Following is a sampling of industries we service:

- Chemical
- Electrical Utilities
- Manufacturing
- Mining
- Aerospace
- Food Processing & Storage
- Schools and Universities
- Hospitals
- Hotels
- Office buildings
- Shopping Malls

The tips offered here are intended to complement and not replace the recommendation of the equipment manufacturer.

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