

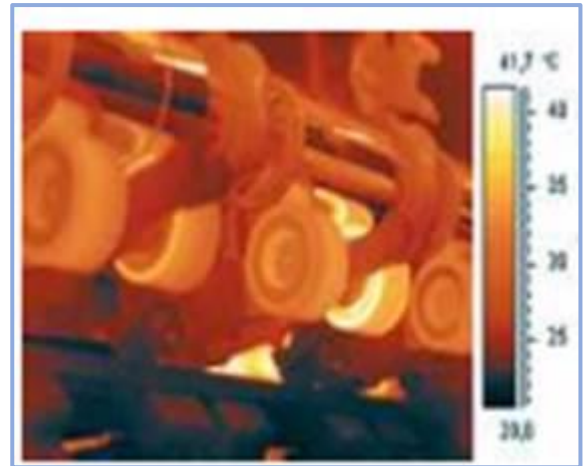
Preventive Maintenance of Industrial Process by Infrared Camera

Situation

Surveillance or Monitoring is a permanent inspection designed to avoid consequences of random events happening during industrial process.

The monitoring device is installed in a fixed position and equipped with electronics threshold and alarm.

Monitoring makes it possible to qualify the normal operation of equipment or installation, without stopping and well before the actual failure compare to random or planned inspection.



Bearing warming

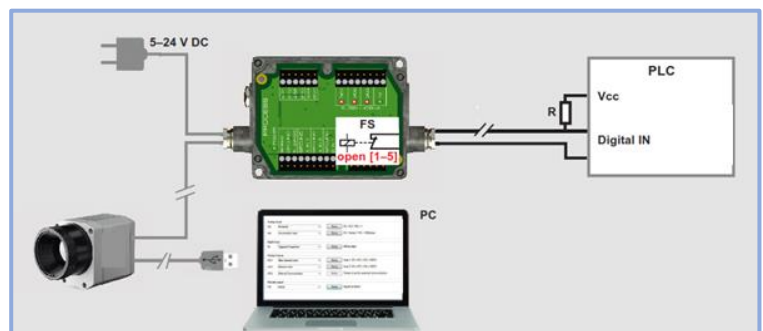
Solution

IR Camera are used for thermography by using the principal of disease diagnosis: "If you got fever, you are sick"

For example, in industrial process, a simple heating by an abnormal friction (wearing parts, lack of lubrication, contact, dynamic deformation of mechanical parts ...), and the thermal camera triggers an alarm: engine bearings, ball bearings, belts (misalignment of pulleys), chains, couplings.

Altronics possible devices after process analysis and recommendation

- Infrared Camera
- Industrial Process Interface
- Industrial Computer
- Monitoring software for setup, management & control
- Monitoring Display



Possible Installation

The Installation can be adjusted to every environment: ATEX, Alimentary, ...

Altronics is providing every product for the installation but is also able to prepare, set up the installation until the first day and monitoring start

Benefit

Monitoring of the installation or end product possible.

Qualification of the situation: production or industrial process

Alarm and process stopped possible to avoid failure, shutdown, or irreversible destruction in order to take corrective action.

Time saved in random or planned inspection



Faulty Product



Dryer roll