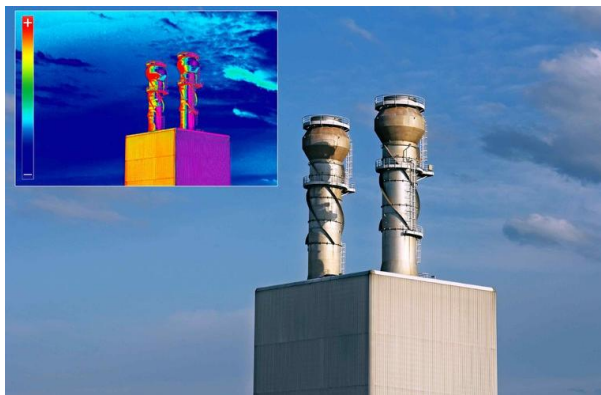


Thermal - Infrared Testing (IR)

Infrared thermography detects radiated thermal energies emitted from objects. With thermal imaging, the visible range of the wavelength spectrum is increased, allowing us to view and measure radiated energy. Infrared cameras are non-contact devices which can produce single images or even videos. Heat sensed by the instrument can be precisely quantified and measured, not only allowing thermal performance to be monitored, but also the identification of problem areas.



THE Applus+ SOLUTION

Applus+ has developed proven and tested procedures for thermography inspections in accordance with applicable codes. Our technicians are rigorously trained and assessed, both internally and externally, on data acquisition and interpretation.

Target customers

Thermal infrared has been used on a variety of equipment and across a vast range of fields including:

- Upstream
- Midstream
- Downstream
- Transport pipelines
- Refining
- New construction
- Power
- Aerospace
- Nuclear
- Offshore
- Maintenance

Key customer benefits

Thermal-infrared inspections allow for the predictive maintenance of electrical and mechanical targets and can also be used for gas detection. Inspections can be performed quickly, accurately and safely, enabling the detection of problems prior to failure.