

OUR SERVICES

CONDITION MONITORING BASED MAINTENANCE

Infrared thermography measures the quality of the material of your infrastructure in real time. So you know where the problems are and where problems are going to appear. Where, in the past, maintenance would be incident-based or time-based, thermography makes it possible to schedule condition-dependent maintenance and repairs. You improve the uptime of your installations and minimise shut-downs.

INSULATION INSPECTIONS

Thermography gives you a clear picture of the presence and the quality of insulation around pipelines and other elements in your infrastructure. You know immediately what repairs are necessary and where the insulation quality can be optimised.

ELECTRICAL INSPECTIONS

Thermography is the ideal technique for detecting overheating in electrical components. Even extensive electrical installations can be mapped quickly and efficiently. You know which components have to be replaced, minimise the risk of malfunction and fire and prevent unnecessary energy consumption.

COMMISSIONING & TURNAROUND OPTIMISATION

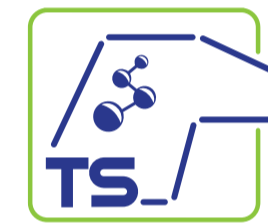
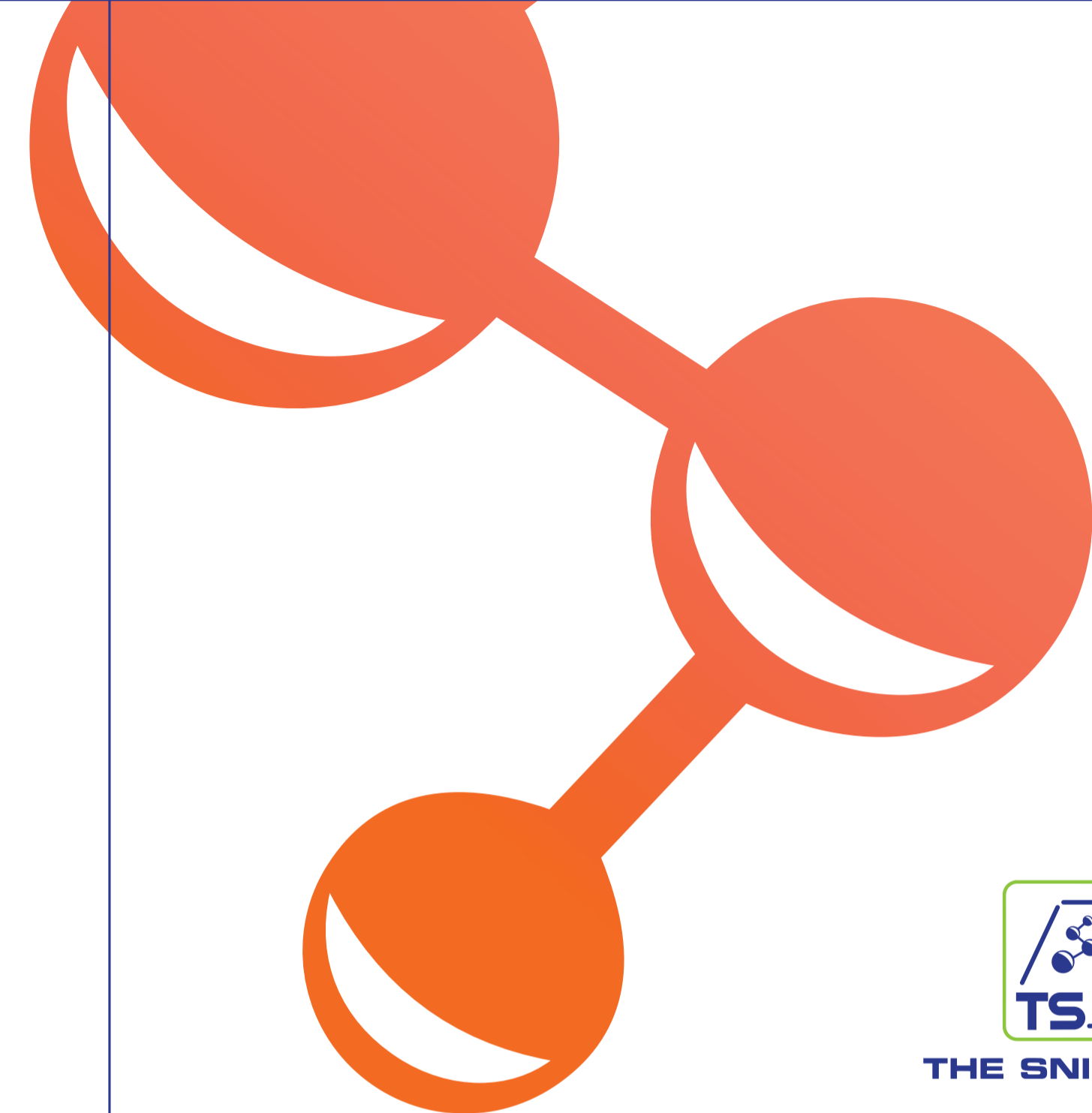
With thermography, the quality of newly built or planned infrastructure, such as cat crackers, furnaces and boilers, can be measured. The turnaround of your installation is optimised, in combination with later regular measurements and condition-dependent maintenance planning.

HIDDEN CORROSION DETECTION

By giving you a better picture of the increasing surface temperature of certain parts of the insulation, hidden corrosion of pipelines and other elements in your installation can be detected quickly and efficiently. The thermographic pictures make it possible for you to carry out needed repairs immediately and thereby optimise your infrastructure.

PROCESS OPTIMISATION

Measuring the level of storage tanks and sediment-control tanks, optimising the process controls in your infrastructure or measuring flow rates in pipelines and cooling systems. All of our services are concerned with process optimisation.



THE SNIFFERS

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THERMOGRAPHIC INTEGRITY INSPECTIONS



Condition monitoring based
maintenance

Commissioning
& turnaround optimisation

Insulation inspections

Hidden corrosion
detection

Electrical inspections

Process optimisation



Some of our references



ExxonMobil

GDF SUEZ



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ABOUT US



The Sniffers is an expert in thermographic integrity inspections. We monitor the condition of process units. By advanced surveys & analysis, resulting in project specific advice we enable you to extend the lifetime of your infrastructure. As an independent party we offer you an effective and integrated solution to optimise your company. The result: a fully optimised reliable infrastructure.

The Sniffers takes pride in assisting you with a personal **one-on-one service** to fully satisfy your project needs. **Each project is custom-made.**

COMPREHENSIVE APPROACH

The Sniffers is an all-rounder. From emission detection and pipeline inspection to leak detection with TÜV certified dogs.

INTERNATIONAL EXPERTISE

The Sniffers is an esteemed expert in thermographic integrity inspections. With more than 20 years of experience we have built expertise in numerous small scale and multinational projects. The result? Knowledge that is internationally applicable and more than 150 loyal clients.

SAFETY & QUALITY

Safety and quality are our priorities. We use the most innovative measurement equipment and are VCA and ISO 9001 certified. This requires the continuous improvement of our services and a quality guarantee to all our clients. Health and a better environment are our key areas.



THERMOGRAPHY



Thermographic integrity inspections are the science of collecting and analysing thermal data by using contact-free recording equipment. An infrared camera maps an object's temperature in the infrared part of the electromagnetic spectrum.

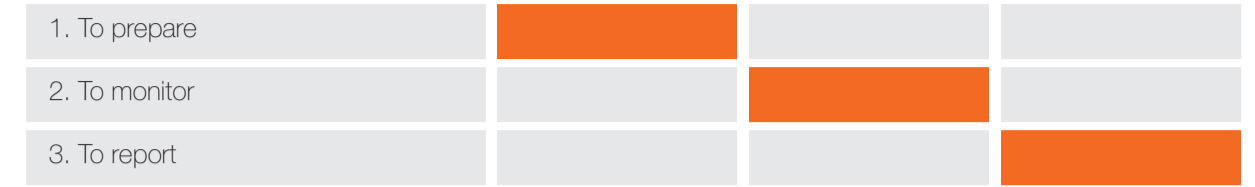
INSIGHT INTO THE CONDITION OF INSTALLATIONS

At temperatures above -273°C, all objects produce infrared radiation. Consequently, almost all processes and changes that take place within these processes can be detected and analysed. Our certified inspectors apply the technique of infrared thermography to give you clear insight into the condition of your installations.

VARIOUS APPLICATIONS IN OIL, GAS AND POWER

With its infrared thermography activities, The Sniffers focuses on the oil, gas and power industry in particular. Our most common areas of interest are purchase inspection of newly built structures, optimisation of the turnaround scope, checking the condition of the equipment, and the detection of corrosion under insulation. Heat and energy losses are shown in real time and recorded in clear reports.

OUR APPROACH



1. TO PREPARE

The Sniffers collects all technical information about your company infrastructure. In cooperation with the client we determine the scope of the project and the appropriate detection methods. We clearly outline the goals and processes in a work plan.

2. TO MONITOR

We clearly map all elements in your infrastructure, conduct a quality control and register all information. The Sniffers monitors as an objective independent party, you are in for repair.

3. TO REPORT

The Sniffers generates advice that includes detailed information on all non conformities and recommendations for further investigation, optimisation or repair. It enables you to have a clear overview on possible safety problems at any stage of the product stream. After the actions are taken, we monitor the end result.

OUR CASES

CONDITION MONITORING BASED MAINTENANCE

Case: furnaces

