

Thermographic Inspections

Setting the Standard in Precision and Preventative Care

At Gouda Vuurvast Services, we elevate the standards of refractory system installation and maintenance with our specialized expertise, unwavering reliability, and uncompromised quality. Through close collaboration with our clients, we design bespoke solutions that deliver significant value, encompassing a broad range of services from installation and maintenance to comprehensive inspections and consultations.

Innovative Infrared Inspections

Our prowess extends beyond conventional refractory inspections to the specialized domain of Infrared (IR) Inspections. This non-invasive technique provides invaluable insights into the condition of refractory coatings during production by pinpointing variations in heat.

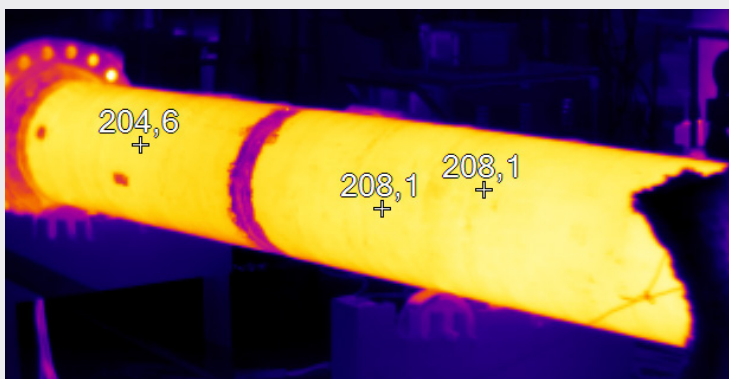


VCA-P
Certified

24/7
Services

Flexible and
Focused

Identifying significant heat disparities or hotspots on the surface of installations is indicative of potential issues lurking beneath. Early detection through our thermographic analysis allows for proactive intervention, averting risks such as fires, explosions, or unexpected production halts. Promptly addressing these concerns significantly reduces the financial impact compared to the costs associated with stopping production.



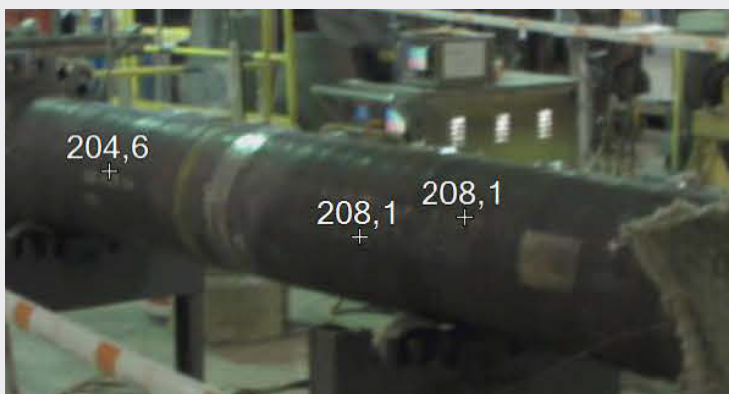
Enhanced Safety with Thermographic Analysis

Our thermographic inspections prioritize safety, enabling recordings to be conducted from a safe distance, thus minimizing exposure to potential dangers for employees and the wider company. This approach underscores our commitment to maintaining a secure work environment.

Expertise and Precision are our hallmarks, with all inspections performed by our highly skilled, API936-certified Gouda Vuurvast staff. This ensures that key details are meticulously observed and accurately documented.

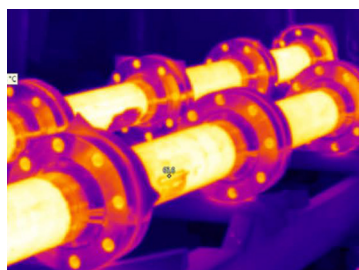
Crucial During Construction Phases

IR inspections are particularly beneficial in new construction projects, playing a vital role in assessing the quality of "green refractory" during the drying phase. This verification process confirms the material's integrity at critical dehydration temperatures, simulating real-world conditions to ensure the installation of superior-quality components before operation commencement.



Thermography Applications

- **Surface Temperature Analysis:** Effective for stoves, boilers, FCC units, and similar equipment.
- **Insulation Performance:** Evaluates the effectiveness of insulation layers.
- **Hotspot Identification:** Locates areas of heat loss and potential issues.
- **Shutdown Planning:** Aids in determining the extent of maintenance required during shutdowns.
- **Slag Accumulation Detection:** Identifies narrowing passages due to slag buildup.
- **Preventive Work Environment Analysis:** Facilitates environmental assessments based on prior risk evaluations.



Our inspections are always carried out by Gouda Vuurvast personnel with years of experience and API936 certification. Crucial details are therefore efficiently noticed and correctly mapped.

Trusted Industry Partnerships

Our advanced inspection solutions have garnered the trust of leading industry names such as Air Liquide, Aluminium Duffel, ArcelorMittal, Aurubis, BASF, Biostoom, Borealis, Engie, ExxonMobil, Hellenic Petroleum, Imerys, and more.

