

ONSHORE OPTICAL GAS IMAGING (OGI) INSPECTIONS

USING INFRARED TECHNOLOGY TO FIND EQUIPMENT LEAKS AND ENSURE COMPLIANCE

Optical gas imaging (OGI) inspections utilize infrared (IR) technology to detect gas leaks in real-time and help keep you in compliance. Sage maintains a staff of nationally recognized LDAR experts with extensive experience conducting OGI inspections in the petrochemical, refining, and oil & gas industries to help you to find and repair costly and dangerous hydrocarbon leaks.

No job is too big or too small. From single-day OGI inspections of refining process units and oil & gas production sites to month-long refinery turnaround surveys, Sage thermographers are available to perform facility surveys to identify unknown emission sources. We also offer Introductory and Level I Thermography training courses to ensure effective use of the technology by your employees.

Take your LDAR program to the next level today with IR technology.

IR TECHNOLOGY UNCOVERS HARD-TO-REACH LEAKS

THE PERFECT ADDITION TO YOUR LDAR PROGRAM

OGI accurately detects hidden leaks in processing equipment such as valves, flanges, connectors, gauges, pumps, sight glasses, compressors, scrubbers, fin fans, tanks, and heat exchangers used in refineries, chemical plants, and upstream and midstream oil & gas facilities.

FOR MORE INFORMATION

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ONSHORE OGI SERVICES

- » IR Surveys
- » IR Program Management
- » Emissions Speculation and Quantification
- » Secure Web-Based Video & Data Storage
- » Introductory & Level I Thermography Training

CONDUCT OGI INSPECTION DURING TURNAROUNDS

- » During turnarounds, refineries and petrochemical facilities undergo many equipment changes that often result in hydrocarbon leaks.
- » Sage recommends conducting an IR survey of each process unit as it is brought online to identify and quickly repair leaks without additional downtime.

PERFORM OGI INSPECTIONS FOR REGULATORY COMPLIANCE

- » Local, state, and federal agencies use IR cameras to investigate facility hydrocarbon emissions nationwide.
- » Sage recommends routine inspections—fines from one violation usually exceed costs associated with an annual IR survey.
- » Minimum fines of \$15,000/day are assessed for hydrocarbon leaks in some states.
- » Sage determines applicability, develops compliance programs, and conducts IR surveys to help your facility pass inspection!