



## COMPLETE NDE SOLUTIONS

Olivier International® offers a broad range of services in the fields of Non-Destructive Examination, Asset Integrity, Engineering, Consulting, and Code Compliance services to the upstream, midstream, and downstream segments of the oil and gas industry. In addition to the conventional and advanced methods of NDE, Olivier International® offers Regulatory and Compliance Services, Laser Cleaning Services, and Insulation removal and repair. Our service lines will continue to diversify and expand based on technological advances in our industry.

Services are provided both onshore and offshore, domestic and foreign, with highly skilled, multi-certified personnel to provide onsite services at fabrication yards, spool bases, offshore facilities, pipeline construction sites, lay barges, deepwater construction vessels, compressor stations, pressure vessel shops, aboveground storage tanks, process piping facilities, shipyards, paper mills, chemical plants, gas, coal, and nuclear power plants, petroleum refineries, and related processing facilities.

## CONVENTIONAL AND ADVANCED METHODS OF NDE

- Eddy Current
- Ferrite Testing
- Phased Array
- Liquid Penetrant
- Magnetic Particle
- NORM Surveys
- Radiography
- Rope Access Services
- Thermography
- Ultrasound / TOFD
- Vacuum Box Testing
- Visual Inspection
- Positive Material Identification
- Guided Ultrasonic Long Wave
- Post Weld Heat Treat of weldments
- GPR - Ground Penetrating Radar
- PA-CAT™ Phased Array - Composite Angle Technique for contact point corrosion / corrosion under pipe supports (CUPS)
- Mechanical Integrity / Risk-Based Assessment Services & Software Programs
- Cathodic Protection Survey of Tanks, Pipelines, Offshore Facilities & related piping
- Real Time Ultrasonic Corrosion Mapping for Direct Assessment & Erosion Corrosion Surveys

## REGULATORY AND COMPLIANCE SERVICES

- Pre-BSEE Audits
- API 14J Facility Surveys
- OOOOA/GHG
- Subpart W/GHG/LDAR
- Comprehensive SFD/Safe Chart reviews
- Method 21 Surveys as required by the EPA
- State-of-the-art Optical Gas Imaging (OGI)
- ASNT-Certified Field Technicians
- Over 20 years of combined experience
- Proven success in both onshore and offshore safety system verification and auditing
- Acoustic Imaging Services

By employing the state-of-the-art FLIR GF320 and GFx320 optical gas imaging cameras and Sound Detect Acoustic Imaging cameras for Leak Detection and Repair (LDAR), Olivier International's experienced and trained employees assist our clients in meeting sensitivity standards defined in the US EPA's OOOOa methane rule and meet reporting requirements. Add a FLIR QL320 quantification system to measure leak rates for methane and other hydrocarbons, eliminating the need for secondary sampling with a toxic vapor analyzer or similar tool.

By finding leaks and fixing them quickly, companies can protect the environment while avoiding product losses and regulatory fines. Safely scan for gases at great distances on difficult-to-monitor components, check thousands of connections quickly, and pinpoint the smallest leaks.

## LASER CLEANING SERVICES

Olivier International® offers Laser Cleaning Services by our Laser Institute of America (LIA) trained technicians utilizing the GC Laser Cleaning System. The unique and patented GC-300 Laser Cleaning System is a 300W 1064nm highly tunable air cooled and portable handheld pulsed laser system with user friendly touch screen interface that allows precise control over pulse energy, pulse duration, pulse frequency, and scan speed operating on standard 120V or 220V AC 50/60Hz single phase power. GC Laser Cleaning Systems are designed and built in the USA to safely and efficiently clean a variety of surfaces with unmatched precision without damaging the original surface. This patented laser technology has many industrial, aerospace, and commercial applications and is environmentally friendly using no chemicals or abrasives. Removes corrosion, coatings, carbon and soot, contaminants, grease, grime, and paint. Cleans metals, ceramics, stone, glass, and other materials.

## BIODEFENSE

Olivier International® also installs and maintains the Synexis® BioDefense System for Olivier Biodefense®. Synexis® is the sole developer of the process by which naturally occurring oxygen and humidity are taken from the air to create Dry Hydrogen Peroxide (DHPTM) that fights viruses, bacteria, mold, odors, and insects and attacks microbes both in the air and on surfaces. Olivier Biodefense® is a worldwide distributor of the Synexis® BioDefense System. Visit [www.synexis.com](http://www.synexis.com) to learn more about this technology.



Learn more about our broad range of services at:  
[www.oi.expert](http://www.oi.expert) | [www.olivierbiodefense.com](http://www.olivierbiodefense.com) | 855.452.7901  
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