

Inspection Expertise You Can Rely On

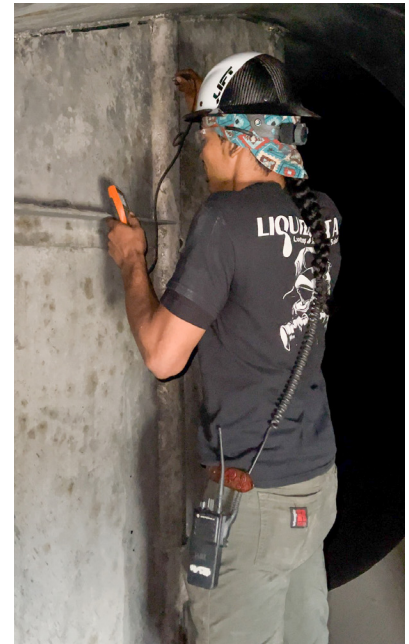
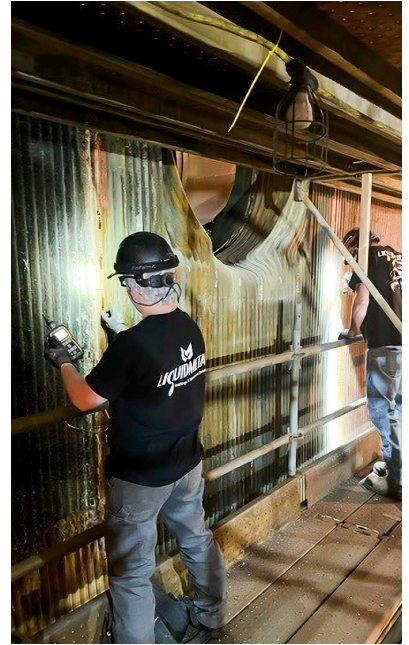
At Liquidmetal Industrial Solutions, we specialize in delivering high-quality inspection services across multiple industries—including power generation, petrochemical, refining, pulp and paper, and general manufacturing. Our team of senior inspectors brings decades of experience, with deep knowledge of major boiler systems from manufacturers like B&W, Foster Wheeler, IHI, Combustion Engineering, HRSG units, and various CFB designs. We help clients detect vulnerabilities, extend equipment life, and reduce unplanned outages through expert analysis and precision inspections.

Our Services Include:

- Visual Inspections
- Ultrasonic Thickness Testing (UTT) & Mapping
- Computed Radiography (CR)
- Borescope Inspections
- Thermal Imaging
- Safe Duct Inspections
- Post-Outage Walkdowns
- Historical UT Surveys
- AWARE-Certified Reporting

Beyond Power. Beyond Standard.

Whether you're in power, petrochemical, refining, pulp and paper, or manufacturing, our inspection solutions deliver the insight and confidence you need to maintain safe, efficient operations.



Contact us today to discuss your inspection needs and let us exceed your expectations.



Comprehensive Range of Inspection Services

Visual Inspections

Our thorough, unbiased visual inspections provide a complete evaluation of critical system components. By using advanced inspection techniques and specialized equipment, we identify visible signs of wear, damage, and operational stress—ensuring potential issues are caught early and preventive measures are implemented.

UTT Inspections & Survey Mapping

We utilize state-of-the-art Ultrasonic Thickness Testing (UTT) and survey mapping tools to assess material thickness and structural integrity. This data helps pinpoint corrosion, erosion, or thinning areas that could lead to failure, empowering you to plan proactive maintenance.

Computed Radiography (CR)

Our Computed Radiography services offer a modern, digital alternative to traditional X-ray inspections. CR provides high-resolution imaging with faster processing and reduced radiation exposure. It's ideal for detecting internal flaws, weld defects, and structural anomalies without compromising equipment integrity.

Borescope Inspections

Using high-resolution borescope technology, we inspect hard-to-reach areas within boilers and equipment—without the need for disassembly. These non-destructive exams help detect corrosion, cracking, and hidden defects with surgical precision.

Detailed Reports for Repairs (AWARE Certified)

Each inspection concludes with a comprehensive report tailored to your facility. Our AWARE-certified documentation includes detailed findings, high-resolution imagery, prioritized recommendations, and repair guidance—giving your engineering team exactly what they need to act quickly and confidently.

Pre-Outage and Post-Outage Walkdowns

Our comprehensive walkdowns—performed both before and after maintenance outages—ensure a clear understanding of system condition and repair quality. Pre-outage inspections identify existing issues, guide work planning, and help prioritize resources for maximum impact. Post-outage walkdowns verify that all tasks were completed to standard, confirm system integrity, and detect any new concerns before restart. Together, these evaluations provide a complete picture approach to outage management—supporting safe, efficient, and successful operations.

Safe Duct Inspections

Our capabilities extend beyond boilers. We inspect ductwork systems to evaluate structural integrity, identify signs of wear or leakage, and ensure continued safety and compliance in high-temperature, high-stress environments.

Thermal Imaging Inspections

Identify hot spots, insulation breakdowns, and thermal inefficiencies with real-time, non-invasive thermal imaging. These inspections enhance system performance, boost energy efficiency, and prevent potential safety hazards before they escalate.

Contact us today to schedule a consultation and see how our expertise can enhance the safety, reliability, and efficiency of your operations.

Your systems can't wait—neither should you. We're ready to support you every step of the way.

