

# Eddy Current DONE RIGHT.

## Why Choose NVI?

At NVI, we are committed to providing comprehensive Eddy Current Testing (ECT) solutions, ensuring the integrity and reliability of your critical assets. Whether you're inspecting non-ferrous tubing, evaluating surface conditions, assessing corrosion under insulation, or conducting any specialized ECT, our advanced ECT methods deliver precise, non-invasive results tailored to meet industry standards. Our team of dedicated specialists focuses on the unique needs of each inspection, leveraging cutting-edge technology to detect flaws and anomalies that might otherwise go unnoticed.

When you partner with NVI, you're not just receiving inspection services, you're gaining access to a wealth of expertise aimed at extending the lifespan and reliability of your assets. Our services are designed to minimize operational disruptions while providing thorough evaluations that help you stay ahead of potential issues. We understand the critical nature of your components, and our Eddy Current Solutions are geared toward maintaining their safety and performance, ensuring compliance with industry regulations and protecting your investment.

Let NVI take the complexity out of your inspection needs, so you can focus on your core operations with the confidence that your assets are in expert hands.

## Service Offerings

### **Tube testing:**

- ECT (Eddy Current Testing): Used to inspect non-ferrous alloys.
- RFT (Remote Field Testing): Used to inspect ferrous tubing and some martensitic materials.
- IRIS (Internal Rotating Inspection System): IRIS is an ultrasound technique that can be used on all tube materials.
- NFT (Near Field Testing): Used to inspect aluminum finned carbon steel tubes.

### **CUI Inspections:**

- PEC (Pulsed Eddy Current): Used to inspect CS piping for Corrosion Under Insulation, Flow Accelerated Corrosion and Corrosion Under Fireproofing without having to remove the insulation or weather jacketing.

### **Conventional Inspections:**

- Surface ECT (SECT) & Surface ECT Array (SECTA): Used to inspect bolt holes, piping, welds and can be used through lead based paint, no coating removal is necessary.

### **Marine Inspections:**

- Surface ECT (SECT): Used during annual crane inspections, including high-stress points, pre and post-load tests, and crane hook inspections. No coating removal is necessary. Also used for weld quality inspections on new and existing welds.
- PEC (Pulsed Eddy Current): Applied to inspect piping, vessels, and towers for Corrosion Under Insulation (CUI). PEC is also effective for detecting Flow Accelerated Corrosion (FAC) at insulated elbows or those covered with fireproofing.

## GET IN TOUCH

nvindt.com  
Office: 985.876.5559  
Toll Free: 877-NDT-NV11  
Fax: 985.876.9355

CORPORATE OFFICE  
2449 W. Park Ave.  
P.O. Box 1690  
Gray, LA 70359

Lafayette, LA • Sulphur, LA • Odessa, TX  
Aransas Pass, TX • Kilgore, TX  
Burgettstown, PA • Carlsbad, NM  
Theodore, AL • Northglenn, CO