

TACKLE TOUGH INSPECTIONS WITH  
**REMOTE VISUAL  
INSPECTION**



# INTRINSICALLY SAFE (IS), EXPLOSION-PROOF (EX) CAMERAS

**Corrosion, cracks, holes, joint separation and debris — all can wreak havoc on systems from the inside out. In these cases, it takes an “inside job” to identify issues in the early stages.**

Industrial Inspection & Analysis (IIA) offers remote visual inspections (RVI) to reveal the true internal condition of systems and components.

Our intrinsically safe (IS), explosion-proof (EX) cameras can navigate tanks, tubes, vessels and pipes with ease — from access points as small as one inch in diameter. We even have RVI equipment that can access openings as small as a quarter-inch. Our toolkit includes pan tilt and zoom cameras that ensure a thorough inspection of tanks, vessels, and rail cars.

## BENEFITS OF RVI

RVI reveals internal risk factors that might otherwise escape detection — without the need for disassembly. RVI is also ideal for gathering critical data in hazardous environments without risking worker safety.

## QUALITY REPORTING

Each inspection concludes with a comprehensive, user-friendly report featuring digital data and insight you can act on. A color-coded map with GPS locations displays inspected areas. Defects are highlighted based on a risk assessment, offering a roadmap for repairs.

## RVI EQUIPMENT RENTAL

For clients who choose to perform the inspection themselves, we offer a large selection of RVI equipment rental to ensure a fast and accurate inspection. Every piece of equipment is thoroughly inspected to ensure superior performance before it is shipped.

## HANDLING HAZARDOUS LOCATIONS

The safety of employees and the public is our utmost concern on every job. IIA has years of experience conducting RVI inspections in highly volatile areas where flammable gases or fuels, combustible dust, ignitable fibers or other hazards are present. In these cases, we work with RVI equipment that is explosion-proof and intrinsically safe. That means our devices are incapable of triggering combustion or igniting any gasses or fuels.

## YOUR ONE-STOP SHOP

As a full-service inspection company, the experts at IIA can paint a complete picture of asset condition using RVI and other forms of advanced non-destructive examination. For example, we can zero in on internal damage using RVI and then follow up with eddy current or ultrasonic testing to provide precise measurements of the defect — and a plan of attack.

**“I contacted IIA on Monday evening, and IIA’s team was on site in less than 48 hours. The service was impeccable.”**

**~ Kevin Nazelrod, Williams Company**

## RVI IN ACTION

### Turnkey Solution Helps Paper Mill Find & Fix Piping Issues

When a large paper mill shut down to perform required inspections, IIA was brought on board to perform remote visual inspections of all buried plant acid sewer piping. After identifying a number of issues, such as cracks and joint separation, our team offered a turnkey solution, including an emergency repair plan and installation of a cured-in-place pipe. By helping the customer avoid excavation, IIA saved the company millions of dollars.



# TRENCHLESS PIPE REPAIR

While a quick fix may appear to save you time, it will often lead to a worsening of root issues, which costs time and money down the road. Real solutions require an understanding of the root cause that led to the problem in the first place. IIA's phased approach will resolve your issue the first time around.

## PHASE ZERO



Assessment

## PHASE ONE



Remote Visual Inspection  
& True Cleaning

## PHASE TWO



Trenchless  
Restoration

## PHASE THREE



System Mapping  
& Geolocation

## PHASE FOUR



Risk Based  
Methodology

### Risk-Based Methodology

Assessing a system in its totality can be overwhelming. Our risk-based methodology considers the risk of each segment of pipe and each catch basin and prioritizes areas most in need of your attention. Once the risk has been established, you can effectively plan and schedule your system's maintenance and rehabilitation.

### Cleaning + Inspection

In plants, residual material often completely blocks camera access, making it difficult to determine the condition of buried piping. That's why IIA combines cleaning and inspection services, using them in-sync, either by "cleaning to inspect" or "inspecting to clean," depending upon the conditions. Once the pipeline information is acquired, we then review, prioritize, and recommend corrective actions to re-establish the full functionality of your pipeline system.

### Restore Operations in Days vs. Months

In the past, rehabilitating a pipeline required one of two options: either decommission the line or dig and replace it. IIA offers a much more appealing alternative, with liners specifically designed to carry oil and natural gas, as well as water.

Our team installs our pressure piping liners in 10,000-foot sections, while negotiating 45- and 90-degree bends, to get your pipeline back in service in days rather than months. With **ZERO FAILURES**, these engineered solutions have an impeccable success rate, and we guarantee their performance.

### FROM ATLAS TO IIA

You may know us as Atlas Inspection Technologies, but we've been part of the IIA family since 2018. Our name may have changed, but our commitment to safety and quality never will.

Before Liners Installed

After Liners Installed



## ELEVATE YOUR EXPECTATIONS WITH DRONE INSPECTIONS

Thanks to drone technology, inspections that once required a helicopter, rope access, scaffolding or other costly measures can now be done with minimal cost and risk. Our state-of-the-art drones offer confined space and infrared capabilities. All of our drone equipment is **MADE IN THE USA**.

**MADE IN THE USA**

## ZERO FAILURES IN 20+ YEARS

### RVI IN ACTION

#### Cool in a Crisis: Emergency RVI Gets Pipeline Company Back on Track

With safety at risk — and downtime costs of \$250,000 per day — time was of the essence when a leading pipeline company discovered liquid in the line during a large-scale maintenance project. Williams Companies reached out to IIA to identify the fastest way to ensure safety and restore operations. Within 48 hours, our team was on site to perform a remote visual inspection (RVI) to confirm that all liquids had been successfully removed from the pipeline, and any potential danger as well.

## OUR PEOPLE

Our skilled technicians are certified in Visual Testing (VT) and the Pipeline Assessment Certification Program (PACP) and undergo employee background screening and random drug testing through DISA Global Solutions.

## OUR COMPANY

Industrial Inspection & Analysis (IIA) is qualified through ISN, which collects and reviews health, safety, quality, insurance, and training information for contractors and suppliers in the ISNETworld® platform.



**386-717-7588**  
**industrial-ia.com**

**Corporate Headquarters**  
3550 Lenox Road NE, Suite 1525  
Atlanta, GA 30326