



## INDUSTRY NEWS FROM OUR ENGINEERING EXPERTS

Happy New Year! As organizations and individuals, now is a great time to take a fresh look at what you'd like to accomplish in the year ahead. And there's no better time to find the people and partners who will position you for success in 2023.

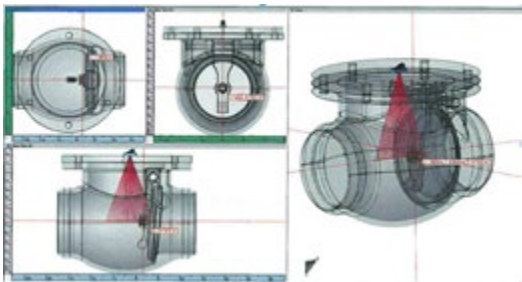
One overarching goal guides everything we do at IIA: to make the world a safer place. Providing multidisciplinary engineering solutions is one way we do that.

- In this newsletter, you'll learn about:
  - Automated inspection solutions – custom-made for you
  - How to plan your critical lift and who can help
  - When & why to consider structural inspections for your cranes
  - IIA's proprietary PASS® inspection tool and its unique capabilities for valve integrity
  - How IIA serves government entities and the defense industry
  - Irene Pantin's eye for quality and heart for care

Irene and the rest of the IIA team are at your service. Please give us a call at (866) 812-2205 or visit [Industrial-IA.com](http://Industrial-IA.com) to learn how we can help you achieve your goals in 2023.

Sincerely,

**Keith Boshart**  
Director of Sales



### PASS®: Accurate Valve Data — Without Disassembly

Valve disassembly is a costly and time-consuming process — one that can be avoided with IIA's proprietary **Phased Array Sectorial Scanning (PASS®)** system. Offering a superior inspection technique to radiography and other methods, PASS provides an unmatched level of information about valve integrity and performance during operation — from flow rate to disc velocity. Learn more about our game-changing [PASS technique](#), and [other technologies](#) you won't find anywhere else.



### Planning Your Critical Lift

When planning a particularly critical or complex lift, you may want to consider bringing on additional resources to help you navigate the unique challenges of your project. These additional resources may range from extra lift equipment and lift operators for multi-crane lifts to engineers who can check things like load stability, soil stability, and potential environmental risks.

IIA is well-equipped to help plan your lift so that everything goes smoothly. We can help with everything from developing a detailed lift plan to load analysis, rigging and equipment setup and crane selection.



## Could Your Cranes be Hiding Cracks?

Even with routine annual inspections, your cranes could have cracks that could lead to structural failure. That's because overhead crane service technicians are not typically trained

in structural inspection, and often do not have non-destructive testing capabilities.

Depending on the age and demands on your crane, IIA recommends supplementing your regular inspection with a thorough structural NDT inspection. [Learn when and why to consider structural NDT inspections for your cranes.](#)



## From Local Government to National Defense: We're Here for You

With roots that date back nearly a century, IIA is a leader in the use of non-destructive testing (NDT) for government agencies at the local, state and federal level. Whether we're testing astronaut face shields, bridges, bucket trucks, submarine components or drinking water, safety is our mission at IIA. [Read how](#) we can help make your government or defense project a success.



## Irene Pantin Has An Eye for Quality, A Heart for Care

With her nurturing nature, it seemed only natural that Irene Pantin would choose a career in the healthcare industry. But even the best laid plans often take surprising turns. During a detour into the circuit board industry, Irene discovered a passion for quality control. Today, as Resource

Administrator at our Brampton, Ontario, office, Irene brings an eye for quality and a heart for care to everything she does. [Get to know Irene.](#)

## Automated Inspection Solutions: Custom-Made for You



Think you've got an impossible inspection on your hands? Don't be so sure. Our Texas-based team of engineers is dedicated to designing, building and enhancing automated inspection tools to meet our customers' unique needs.

"We can start from scratch and build a completely new system, or modify existing tools, to better respond to a customer's needs," says Dodge Bamberger, Engineering Manager. [Read more](#) about engineering that makes impossible inspections possible.

## What Our Customers Are Saying

"Your team was great to work with!"

- Maggie Little, B.A.Sc. (Eng)



## Let's Connect

We want to hear about your inspection and engineering needs. Whether you have a quick technical question or need urgent, on-site assistance, we're here for you. Call us at (866) 812-2205 or complete our [online form](#) and we'll get back to you within 24 hours.

Be sure to follow us on [LinkedIn](#) to learn about the latest tools and techniques we're using to solve our clients' problems and make the world safer.



**(866) 812-2205**

<https://industrial-ia.com/iia-engineering-services/>