



## Industry News from our Lab Experts

Every April, individuals and organizations around the world celebrate Earth Day and take part in activities that support environmental protection. “Invest in Our Planet” is the theme of Earth Day 2022.

At IIA, we are committed to operating in an environmentally and socially responsible manner and to helping our customers do so as well. We are proud to support our clients’ clean energy projects and initiatives. And across industries, we offer services that ensure products, equipment and facilities are safe for people and the environment.

Our Lab Services team provides an array of [environmental testing](#) for a variety of industries, as well as material and product testing services and chemical analyses. Non-destructive examinations are our specialty at IIA, and our team can help you determine which method best meets your needs. For example, dye penetrant inspection is a popular and proven method for detecting surface defects, but it’s not ideal for every situation. Read on to learn the [pros and cons of dye penetrant inspection](#).

In this newsletter, you’ll also learn how [choosing the right calibration](#) vendor can enhance your manufacturing process and help you stay one step ahead of the competition.

There are few areas of life that are not touched in some way by non-destructive testing. And some of the applications of radiography and other conventional methods may surprise you. Learn more about our capabilities in [IIA Lab Services Part 2: From Medical Devices to Burgers](#). With experts like [Tom Mullen](#) on our team, you can count on unmatched technical expertise and accurate, fast results. In fact, thanks to a scheduling and tracking system Tom developed, his team can offer expedited services and deliver results within 24 hours.

At IIA, we never shy away from a challenge. Together, we can help protect people and the planet.

Sincerely,

Nicholas Szkotak  
General Manager, Lab

## Protecting People & The Planet

Did you know? IIA Lab Services provides [environmental testing](#), as well as material and product testing services and chemical analyses, for an array of industries. Recently, a city that was hosting a triathlon came to us to have their lake water environmentally tested to ensure it was safe before the race. That’s something you might not think about before entering a race – but we do. Our team can even help you create the best waste management process for your company.

## Dye Penetrant Inspection: Pros & Cons



Dye penetrant inspection (DPI) is a fast and cost-effective way to detect surface flaws in parts, and is unmatched for detecting surface cracks or defects in welds. But it’s not ideal for every situation. [Read more](#) about the pros and cons of dye penetrant testing.

## The Team You Need, The Service You Expect



From dye penetrant and radiography to magnetic particle testing, IIA Lab Services has the team and technology to meet your inspection challenges head-on.

Watch this [brief video](#) to learn more.

## IIA Lab Services Part 2: From Medical Devices to Burgers



The applications for radiography and other non-destructive testing methods are almost endless, and some may surprise you. Curious if that new cage at the zoo will really hold a 300-pound gorilla? Mechanical testing can tell us. Hungry for answers about the fat content of that shipment of ground beef? Content testing can tell us. In our last newsletter, we shared [IIA Lab Services Part 1: From Space Travel to Baseball](#). Now read the rest of the story: [IIA Lab Services Part 2: From Medical Devices to Burgers](#).

## Meet the Expert: Tom Mullen



From carrying radioactive materials on a job site to inspecting a thrust nozzle of a fully fueled, ready-to-launch Delta IV rocket, diversity is what Tom Mullen loves most about his job. “From microchips to knee

implants, there is always something new and different coming through the door,” he says.

[Get to know Tom.](#)

## Customer Highlight

Calibration is a process that compares an instrument’s accuracy to known standards, and it’s essential to maintaining a tool’s accuracy and reliability over time. Read why [National Technologies turns to IIA](#) for on-site calibration of tools to ensure quality and prevent unnecessary downtime.

“There’s a peace of mind among employees and ownership knowing the equipment doesn’t have to leave the shop.”

- John Barnett, National Technologies



## Let’s Connect

We want to hear from you! Let us know about your latest testing challenges and how we can help. Call us at **(866) 514-4937** 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) 514-4937**

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