



We recently expanded our [Engineering Services](#) to better serve power plants and other industrial facilities by combining our inspection and engineering services into a Turnkey Solution. That turnkey solution includes finite element analysis, Service Water piping evaluations and fitness-for-service (FFS) evaluations which will help customers streamline run-repair-replace decisions.

Customers also trust IIA to stay abreast of the regulatory environment. We are experts in the standards, rules and regulations affecting the industries we serve. When changes are on the horizon, our experience and insight can help you navigate those changes with confidence.

Read on to learn more about:

- Get to know [Eric Houston](#), your new source for piping and pressure components engineering and inspection solutions that save money and time
- The [importance of Tmin calculations for Service Water piping systems](#)
- [Changes to Ontario crane inspection regulations coming in 2024](#)
- [3 reasons](#) to hire a full-service crane company
- Why ARMUT® is the answer for [corrosion mapping of elbows](#)
- Why we're serious about [amusement park safety](#)

From Tmin calculations to crane compliance, the measure of our success will always be your satisfaction.

Sincerely,

Keith Boshart
Director of Sales

At Your Service for Service Water Questions

Service Water systems play a crucial role at power plants. Over time, however, fatigue, corrosion and other factors can take a toll. Tmin values (minimum allowable thickness measurements) are fundamental to corrosion analyses because they help establish the timing of inspections and replacements. There are a number of ways to calculate Tmin, but when you need the bottom line for continued safe operations, IIA can help. [Read about](#) our ASME-compliant flaw evaluations of Service Water piping.



Houston: "We Have a Solution"

Our Engineering Services team includes some of the brightest minds in the business — including our newest addition:

[Eric Houston](#). A leading

expert in structural evaluations of piping and pressure vessels, Eric enjoys working with IIA's NDE team to help customers navigate run/repair/replace decisions. As he says, "engineering and NDE pair so well together. It's really easy to exceed your customer's expectations when you're doing both of those activities as one company."

[Get to know Eric](#).



Ontario Crane Regulations: What's Changing?

On January 1, 2024, significant changes to Ontario crane inspection regulations (O.Reg.213/91) will take effect. The amended law requires owners to perform not only structural inspection of cranes, but also operational and mechanical inspections under the supervision of a professional engineer. [Learn more](#) about the coming changes and how IIA can help you stay in compliance. For a deeper dive, read a white paper from Faramarz Rahiminia, General Manager of IIA's Canadian Services.

3 Reasons to Hire a Full-Service Crane Company

Overhead cranes must be inspected on an annual basis, but why hire a full-service crane company versus an inspection-only company? We break down three reasons in this [brief video](#).

Proprietary ARMUT® — For Answers about Elbows

Corrosion mapping is a helpful technique. However, elbows and components with unique or complex configurations present inherent challenges to corrosion mapping. Our patented ARMUT® system offers a reliable, time-saving alternative for corrosion mapping of piping elbows. High-resolution images can be reviewed in real time, and you'll get the answers you need to minimize outage impact. Learn more about our proprietary [ARMUT technology](#) and see [ARMUT in action](#).



We're Serious about Amusement Park Safety

When it comes to amusement rides, we are serious about safety. Our certified experts use a wide range of tools and technologies to accurately detect surface and subsurface defects — without compromising the ride's ability to function. [Learn why](#) you should take IIA along for the ride when it comes to the safety of amusement parks, carnivals and fairs.



OUR CANADA OFFICE CELEBRATES 25 YEARS!

To all of our customers — past, present and future — thank you for trusting our Canadian office with your inspection and engineering needs over the past 25 years. We look forward to the next 25!



25 YEAR ANNIVERSARY

What our Customers are Saying

“Thanks for the fast response to our short-notice inspection requests and having trained and knowledgeable inspectors to work with us.”



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.



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