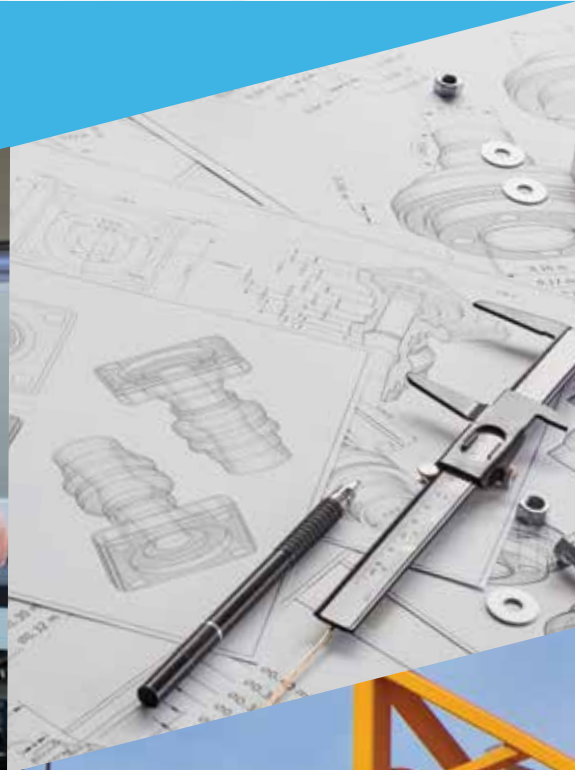


**YOUR CHALLENGE.  
OUR EXPERTISE.**





“

IIA is a trusted technology service partner, and they have earned a reputation for providing cost-effective and innovative inspection solutions. IIA applies best practices and delivers outstanding results.

- Confidential, Defense Contractor



#### ACCOUNTABLE

*IIA understands safety is priority in this industry, and we take responsibility for always acting with integrity and in the best interests of our customers, our employees, and the public at large.*



#### PROFESSIONAL

*We confidently connect with our customers and are always detail oriented and solution focused. You can count on each of our team members to conduct themselves in a positive and personable way, highlighting IIA's commitment to customer service and respect.*



#### ENGAGED

*Everyone within IIA is eager to listen, communicate with, and fully understand our customers' needs and goals. Further, our team finds answers, explores possibilities, and provides successful solutions. Sometimes this means delivering accurate solutions by using traditional technologies or challenging a seeming impossibility and applying a new technology.*



# WHO WE ARE

**In 2015, the founders of Industrial Inspection & Analysis, Inc.™ (IIA) began with a vision to build a best-in-class, industrial inspection company with a breadth of high-quality service offerings for a variety of sub-sectors while ensuring a simultaneously important focus on customer service, technical leadership, and continuous improvement.**

IIA offers timely, accurate, and reliable inspections, certifications, and testing solutions in both laboratory and field settings. Our company has grown to serve the whole of North America with a presence across the entire United States and a large growing footprint in Canada and Asia.

As we grow, we remain focused on continuously improving our offerings, educating our already robust bench of expert talent, and expanding our vast service offerings. In doing so, our current and future customers benefit from our expertise, knowledge, connections, and industry leadership.

## **STORY-WORTHY SERVICE**

Whether for a routine inspection or a unique and challenging lab, field, or examination project, IIA is committed to providing professional, fast, and accurate service each and every time. Our customers' success is priority, no matter what, and this is what makes our service story-worthy.



***Current and future customers benefit from IIA's industry expertise and continued expansion.***





# OUR NATIONAL FOOTPRINT

**IIA has an extensive national footprint and an ever-expanding global presence in the industrial sector.** We are a leader in this market within the United States and Canada. Our highly-skilled industrial experts, technicians, and engineers provide a wide range of testing, inspection, certification, and engineering service offerings across North America and within multiple industries. IIA's leadership and expertise in the industrial sector, coupled with our ever-expanding geographic footprint, means we have the ability to mobilize quickly and offer services at competitive pricing.

Our customers praise us for our consistent professionalism, technical leadership, integrity, and expertise. IIA's expert multi-skilled technicians and engineers understand what's important to you, and they know how to provide it in a manner that serves you quickly and thoroughly.



## HUNDREDS OF EXPERTS SERVING YOU

*IIA's hundreds of employees are all knowledgeable, curious, and professional, and each has a unique skill set that ensures best-in-class service for you.*



## LOCATIONS ACROSS THE GLOBE

*IIA operates many field offices and laboratories across the United States and also operates offices in Canada and China.*



# WHO WE SERVE

**IIA provides services to a wide variety of customers across many sectors, including nuclear power, petrochemical, aerospace, defense, municipalities, lifting, and manufacturing.**

We offer Nationwide labs, field inspection services and support the operation, maintenance, compliance, repair, and emergency services to ensure safe, reliable facility operations. We are also the only source you need for Lab and Engineering Services projects, including 3D and Laser Scanning.



# SERVICES

IIA provides an array of industrial services across several industries. We offer Nationwide field inspection services and support the operation, maintenance, compliance, and repair for your systems to ensure safe, smooth, and reliable facility operations.



## LAB SERVICES

*As one of the largest dedicated quality service providers in the Nation, IIA is the only lab source you need for for Dimensional Inspection, Calibration, Certification, Testing, Failure and Engineering Analysis. We have strategically placed specialized equipment to support our customers throughout North America.*



## LIFTING SERVICES

*We offer comprehensive Crane and Lift services for companies, municipalities, and all organizations that need annual inspections, maintenance, modifications, and repairs for lift and crane equipment, including top-to-bottom inspections of fire trucks. We also track fleet services and provide a detailed Fleet Safety Analysis (FSA) which helps Fleet Managers make critical equipment decisions.*



## INDUSTRIAL INSPECTIONS

*IIA's expert technicians are available 24/7 to support your planned or unplanned inspection needs while keeping safety, compliance, and quality as our top priority. Our multi-disciplined technicians are the go-to experts in providing examinations across the NDE spectrum. IIA offers both traditional and advanced NDE methods that you may not be familiar with. Some of these advanced methods include, but are not limited to, automated ultrasonics, laser profilometry, pulsed eddy current, guided wave and much more. IIA has developed several proprietary NDE techniques and inspection methods to better assist our clients. Understanding the client's needs is paramount to IIA, and we pride ourselves on partnering with our clients to utilize the most efficient and effective methods for examinations and reporting.*



## ENGINEERING SERVICES

*IIA offers solutions to your engineering challenges by providing design and integrity assessment services for structural, civil, mechanical, and reverse engineering, and also lift planning engineering.*



**VISIT INDUSTRIAL-IA.COM  
FOR MORE INFORMATION.**



# LAB SERVICES

**IIA's Laboratory Services is one of the largest and most trusted full-service industrial and commercial laboratory facilities in the country.**

IIA works across a spectrum of industries, and our experts offer unique, quality solutions for all of your challenges. IIA's industry expertise, professional certifications, and highly-skilled engineers and technicians, coupled with our full-service lab capabilities, fulfill your project needs. Whether it is supplementing capacity with occasional overflow, performing pre-compliance testing or third-party evaluation, contracting a CMM Programmer for new parts, or outsourcing your entire quality department, IIA's Lab Services can meet all of your lab needs.

“

Everyone here agrees, IIA is quick in all areas: communication, response, and return of parts. Thank you.

- Tyler Walsh, Protolabs





## SERVICES & TECHNOLOGIES

- Dimensional Inspection
- First Article Inspection
- Mechanical Testing
- Product Testing
- Coating Testing
- Electronics Testing
- Conventional NDE
- Radiography
- Liquid Penetrants
- Magnetic Particle
- Ultrasonics
- 3D Scanning and Data Capture
- Calibration
- Pyrometry
- EMC, RF, and EMF Testing
- Chemical Testing
- Environmental Testing
- Metallurgical Testing

## WE CAN ISSUE YOUR APPROVALS FOR USA, CANADA, AND EU SCOPES

- ISO/IEC 17025:2005
- ISO/IEC 17065:2012
- ISO 9001:2015
- ISO 17025:2017
- ISO/IEC 17025 Certificate of Accreditation
- ITAR Registered
- FAR Part 145 Certification
- ASNT SNT-TC-1A
- ASNT CP-189
- NAS410
- Federal Firearms License (FLL)
- Nadcap Accredited
- PASNT Certified Level II & III
- A2LA Mechanical Testing
- A2LA Chemical Testing
- CPSC Accreditation
- Nadcap Materials Testing
- Nadcap Non-Destructive Testing
- Nadcap Aerospace Quality System (AC7004)
- Cessna Citation NDI Certification
- Missouri Department of Natural Resources Drinking Water Lab
- FFL – Federal Firearms License
- Our Facilities Meet a Variety of MIL-SPEC, ANSI, ASTM, and ASME Specifications

# LIFT SERVICES

We are the go-to industry expert for Non-Destructive Examination (NDE) services for new and existing facility and project inspection needs using traditional technologies, such as X-Ray, Magnetic Testing, Dye Penetrant Testing (PT), and Phased Array Ultrasonics (PAUT).

IIA performs all inspections, as well as visual, operational, and non-destructive testing services for your fleet which ensures safety and compliance of all your equipment. In turn, your operators can confidently provide services to customers and municipalities knowing the equipment IIA has serviced is safe and compliant.

You receive fast, friendly, and professional services with easy-to-read reports and fleet management tracking, which streamlines service and maintenance needs.

## Industries We Serve

- Fire Departments
- Mining
- Construction
- Oil & Gas
- Tree Cutting
- IOU's
- Utility

“

Industrial Inspection & Analysis exceeded their competitor's inspection rate by 30%.

- Nick Oney, Fleet Manager  
Kendall Vegetation Services

GO TO [INDUSTRIAL-IA.COM](http://INDUSTRIAL-IA.COM) FOR A LIST OF ALL THE INDUSTRIES WE SERVE.



## SERVICES & TECHNOLOGIES

- Visual/Operational Inspections
- Load, Drift, Timing Tests
- Hardness Test of Non-Ferrous Metal Components
- Magnetic Particle and/or Dye Penetrant
- Test of Critical Welds and Casting
- Hydraulic Oil Analysis
- Ultrasonic Inspection of Accessible Pins
- Turntable Bolt Torque Check
- Waterway Systems Check
- Horizontal Bend Test of Ground Ladders
- Ground Ladder Hardware and Hook Tests
- Extension Ladder Hardware Test
- Heat Sensor Check and Replacement
- Liquid Penetrant Inspection of Rung Welds
- Rack Testing
- Hot Stick Cleaning, Waxing, Testing
- Laboratory Equipment Examination
- Wet Testing at 75,000 V/Foot
- Dry Testing at 50,000 V/Foot

## CERTIFICATIONS & GUIDELINES

- ANSI A92.2, ASTM 914, and Crane Certification Association of America Committee Members on Staff
- Insurance Coverage Beyond General Liability – Errors and Omissions Insurance
- Internal Quality Control and Quality Assurance Audit Programs
- ISO/IEC 17020 Accredited
- Federal OSHA Certified
- Cal-OSHA Certified
- Washington State Construction Crane Certified
- Protocols meet current guidelines of the Institute of Electrical and Electronics Engineers (IEEE) Standard 978
- Protocols are compliant with current OSHA 29 CFR Part 1910 rules and regulations





# FIRE EQUIPMENT TESTING SERVICES

IIA's Fire Department Testing Division understands that under the best of circumstances, being the leader of a station is a demanding task. Between fighting fires, responding to medical emergencies, assigning duties, and conducting training, you must also track and schedule annual truck inspections. Our experts understand those pressures and know exactly what you need. IIA guarantees a streamlined and worry-free inspection experience for you and your station every time.

**With our system, our experts can inspect 20,000 feet of hose per day and reload at a 90% faster rate.**

“

Thank You for coming out and doing our inspections on such short notice. It's greatly appreciated. IIA's technician **was top notch**. He was very knowledgeable and friendly, and we are going to have him back to perform our next inspections. Thank you!

- City of Redfield Fire Department

**VISIT [HTTPS://INDUSTRIAL-IA.COM/  
IIA-FIRE-DEPARTMENT/](https://industrial-ia.com/IIA-FIRE-DEPARTMENT/)**



## SERVICES & TECHNOLOGIES

### Fire Hose Testing

- Hard Suction Hose per NFPA 1962 section 7.5 using a dry vacuum versus the typical hydrostatic test

### Fire Pump Testing

- Visual Inspection (undercarriage)
- Gathering of critical apparatus, engine, and pump information
- Capacity test, 100% at 150 PSI for 20 minutes
- Overload test, 100% at 165 psi for 5 minutes
- 70% test, at 200 PSI for 10 minutes
- 50% test, at 200 PSI, for 10 minutes
- Gauge Accuracy

### Aerial and Ground Ladder Testing

- Visual Inspection
- Horizontal Bend Test
- Roof Hook Test
- Hardware Test

## CERTIFICATIONS & GUIDELINES

- Adheres to all EVT and strict NFPA standards
- Ground ladders are in accordance with the current NFPA 1932 guidelines
- Complete inspection and non-destructive testing program to meet the current NFPA 1911 as well as 1932-2010 guidelines
- ISO/IEC 17020 Accredited



# CRANE SERVICES

**IIA is equally focused on quality and safety, which makes us the full-service industry leader for your crane inspections.** With 20 years of experience, you can trust our experts for all your crane inspection needs.

We are always up-to-date on the latest standards, regulations, and technology affecting the lift industry through participation on standards committees and user associations. We track your fleet's inspection needs and inform you when your equipment is due for inspections.







## SERVICES & TECHNOLOGIES

- Crane Inspections
- Lifting Device Inspections
- Strap and Sling Inspections
- Predictive Maintenance
- Personal Safety Equipment Inspections (Harness, Lanyards, etc.)

## CERTIFICATIONS & GUIDELINES

- New Mexico GS-29 License Number: 90472 California Number : 815024
- Internal Quality Control and Quality Assurance Audit Programs
- Level III NDT on Staff
- On-Site Safety Coordinator
- ANSI A92.2, ASTM 914 and Crane Certification Association of America Committee Members on Staff
- ISO/IEC 17020 Accredited
- Federal OSHA Certified
- Cal-OSHA Certified
- Washington State Construction Crane Certified



# INDUSTRIAL INSPECTION SERVICES

We are the go-to industry expert for **Non-Destructive Examination (NDE)** services for new construction projects using traditional technologies, such as **X-Ray, Magnetic Testing, Dye Penetrant Testing (PT), and Phased Array Ultrasonics (PAUT)**. We have decades of experience in providing weld quality inspection services for upstream, mid-stream, and plant construction for buried pipeline and fixed equipment and in conducting Remote Visual Inspection Services (RVI) supporting foreign object retrievals, as well as remote access verification of quality and cleanliness.

“

IIA's NDT technicians are the best in the industry. Nobody in this industry compares to the top-notch team I've worked with from IIA.

- Chris, NDE Manager,  
NORTH AMERICA'S LARGEST  
TANK CAR MANUFACTURER





## TRADITIONAL NDE

- Radiography (RT/CR/X-Ray)
- Magnetic Particle (MT)
- Penetrant Testing (PT)
- Ultrasonic Thickness Testing (UTT)
- Visual Testing (VT)
- Post Weld Heat Treatment
- Corrosion Mapping
- Ferrite Testing
- Hardness Testing
- Positive Material Identification (PMI)
- Program and Procedure Development

## ADVANCED NDE

- Automated Corrosion Mapping (Internal)
- Automated Corrosion Mapping Laser Profilometry (External)
- Phased Array (PAUT) Manual & Automated
- Full Matrix Capture (FMC)
- Time of Flight Diffraction (TOFD)
- Shear Wave
- Guided Wave Testing (GWT)
- In-Line Inspection (ILI Validation)
- Pulsed Eddy Current
- Weld Quality Inspection

## SPECIALTY NDE

- Proprietary Technologies
- Phased Array Sectorial Scanning PASS® Valve Examinations
- Precision Ultrasonic Testing
- Absolute Recordable Manual Ultrasonic Testing (ARMUT®)

### RVI

- Internal Visual Inspections of anything from ¼" and above

## CERTIFICATIONS & GUIDELINES

- All Certifications Based on ASNT Guidelines
- Multiple State Licenses for Radioactive Materials
- In-Line Inspection Validation (ILI)
- Compliance to Pressure Equipment Directive 97/23/EC (European Certification)
- Compliance to Pressure Equipment Regulations 1999, ASNT Level III
- IRRSP Certified





# PLANT SERVICES

**Industrial Inspection & Analysis (IIA) is the go-to professional providing safe, quality inspections for outage and maintenance needs across North America.** IIA's breadth of technicians are certified to industry standards, understand your plant operations, and have the ability to respond to multiple concurrent outages. Our team provides outage planning; as well as visual, magnetic particle, penetrant, and ultrasonic inspections; and much more. IIA's team ensures the continued reliability and availability of your plant.

We have been serving the pulp and paper and power industries decade after decade and are the trusted leader in these sectors. Our team consists of highly qualified professionals, including Certified Welding Inspectors, who provide expert and story-worthy service each and every project.

“

IIA's responsiveness in completing three last-minute and urgent projects is appreciated, and IIA's team did a fantastic job in communicating, sharing in that sense of urgency, and providing us with exactly what we wanted. ”

- Gregg Maddox, Great Plains Industries



## SERVICES

- Outage Planning
- Boiler Visual Inspection
- Tank and Piping Inspections
- Burner Set Up
- Quality Control/Quality Assurance
- Hydrogen Damage Inspection
- API 653 Tank Inspections
- API 570 Piping Inspections
- API 510 Pressurized Vessels
- IRIS & Near Drum Testing

## INSPECTION METHODS

- Visual Inspections
- Eddy Current Testing
- Magnetic Particle Testing
- Penetrant Testing
- Radiographic Testing (RT)
- Ultrasonic Mapping and Inspections
- Ultrasonic Shear Wave Weld Examinations

## CERTIFICATIONS & GUIDELINES

- All Certifications Based on Guidelines in SNT-TC-1A and CP189
- In-Line Inspection Validation
- American Welding Society Pressure Equipment Directive 97/23/EC (European Certification)
- Pressure Equipment Regulations 1999
- ASNT Level III
- IRRSP

# NUCLEAR SERVICES

**IIA offers full-service exams, support, solutions, and equipment, ensuring your plant is safe, clean, and compliant.** IIA also provides strategic partnership support for Section XI and non-Section XI examinations.

IIA provides maintenance services and a variety of automated and manual Non-Destructive examinations (NDE). We use a combination of conventional, cutting-edge technologies and proprietary technologies, including Phased Array Sectoral Scanning (PASS™), AIRIS, ARMUT, and coordinating data tracking software.

We conduct thorough and reliable facility inspections and deliver critical information in a timely manner for every part of your facility and all critical components: piping, core shroud, dissimilar metal welds, storage tanks, steam generator, dryer and heat exchangers, turbines, Threads in Flange (TiF), Boiling Water Reactor (BWR), Pressurized Water Reactor (PWR), specialty reactors, and more.



**VISIT [HTTPS://INDUSTRIAL-IA.COM/IIA-INDUSTRIAL-INSPECTIONS/NUCLEAR-SERVICE/](https://industrial-ia.com/IIA-INDUSTRIAL-INSPECTIONS/NUCLEAR-SERVICE/) FOR MORE INFORMATION.**





## SERVICES & TECHNOLOGIES

- Computed Radiography
- Conventional Radiography
- Dye Penetrant Testing
- Magnetic Particle Testing
- Phased Array UT
- Ultrasonic Thickness Testing
- Advanced Inspection of Reactor Vessel and Internals System (AIRIS™)
- Absolute Recordable Manual Ultrasonic Testing (ARMUT®)
- Phased Array Sectorial Scanning (PASS®) Visualization Software

## CERTIFICATIONS & GUIDELINES

- All Certifications Based on Guidelines in SNT-TC-1A and CP189
- Texas Department of State Health Services – Radioactive Materials Licensing (MC 2835)
- New Mexico Environment Department Radioactive Material License
- In-Line Inspection Validation
- 10CFR50, Appendix B
- 10CFR, Part 21
- ANSI Standard N45.2
- American Welding Society
- Pressure Equipment Directive 97/23/EC (European Certification)
- Pressure Equipment Regulations 1999
- ASNT Level III
- IRRSP
- ASME NQA-1
- NUPIC and NIAC Approved Vendor



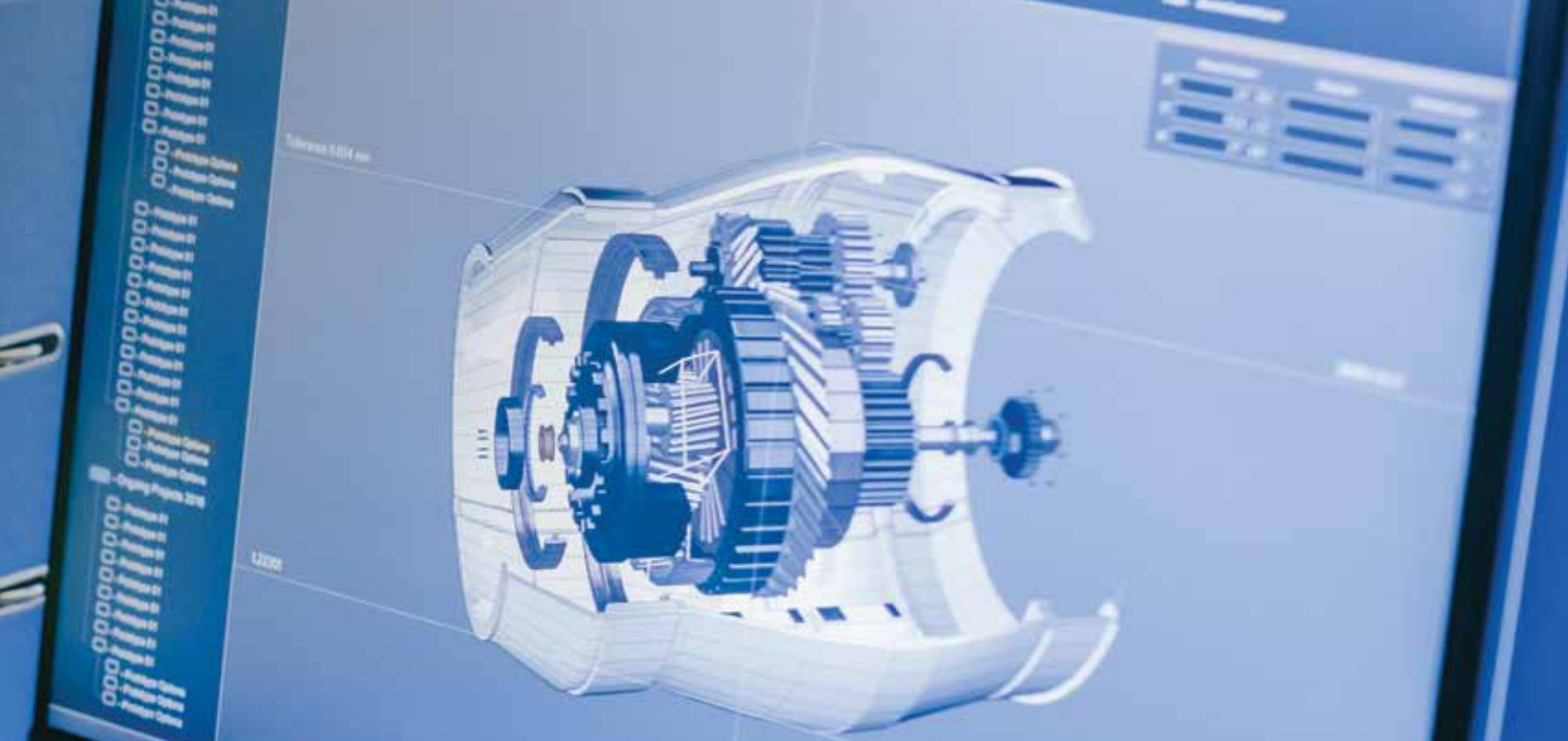
# ENGINEERING SERVICES

**Dedicated to solving quality concerns and design challenges, we create comprehensive and cost-effective engineering solutions.** We offer Structural Engineering services for industrial, commercial, institutional, and construction projects. We have several specialties, including steel and concrete, open web steel joist reinforcements, and concrete slab design. Our Mechanical Engineering experts assist in the following areas: Lift Equipment, Lift Planning, Machine Design and Drafting, Design Validation, Finite Element Analysis (FEA), and Fall Protection Services. We also provide 3D Scanning for reverse engineering, geometry recreation, and 3D modeling to serve an array of applications and industries.

“

IIA is our company's preferred vendor for 3D inspection and reverse engineering projects. IIA is an **excellent choice** for quick inspection projects or an alternative to our internal operations.

- Nate Taylor, Allegion



## SERVICES & TECHNOLOGIES

- Structural/Civil Engineering
- Reverse Engineering
- Mechanical Engineering
- Forensics/Accident Investigation
- Lift Plan/Engineering
- Welding and Materials

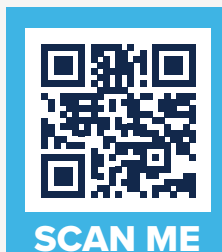
## CERTIFICATIONS & GUIDELINES

- ISO/IEC 17025:2005
- ISO/IEC 17065:2012
- ITAR Registered
- FAR Part 145 Certification
- Federal Firearms License (FFL)
- Nadcap Accredited
- ASNT Certified Level II & III
- Full-Service Packages Available for Certification and Registration with the FCC, ISED Canada, MIC Japan, and CE European Union.
- We Can Issue Your Approvals for USA, CANADA, and EU Scopes
- Accredited Certifiers
- Our Facilities Meet a Variety of MIL-SPEC, ANSI, ASTM, and ASME Specifications





***Making the World Safer***



**Corporate Headquarters**

3550 Lenox Road NE,  
Suite 1525  
Atlanta, GA 30326

9/2022 IIA Services

**844-982-0747**  
**industrial-ia.com**