



YOUR CHALLENGE. OUR EXPERTISE.

IIA Lab Services delivers quality and reliability for all your lab testing and inspections needs. There is virtually no limit to the size and shape of an item you need to be examined, and, for our Radiographic services, we deliver both traditional film images as well as digital images for your ease and records. IIA has been the trusted Lab Services provider for decades because we understand your challenges.

THE SERVICE YOU DESERVE

Industrial Inspection & Analysis (IIA) Lab Services is a premier provider of a full range of Conventional Non-Destructive Evaluation (NDE) services, including Liquid Penetrant Inspection (LPI), Magnetic Particle (MT/MPI), Ultrasonic Flaw Detection, and Radiographic Testing (RT) for parts of varying materials and sizes. We are NADCAP Accredited and an FAR Part 145 Certified Repair Station, and all IIA Lab Facilities meet a variety of MIL-SPEC, ANSI, ASTM and ASME specifications.



MAGNETIC PARTICLE

On ferromagnetic material, we use Magnetic Particle Inspection (MPI), both wet and dry methods, for locating surface or shallow subsurface defects. In our lab, which is equipped with a large inspection room specified for MPI, there is essentially no limit to the size and shape of parts we can inspect using MPI. We perform this testing on clean and accessible surfaces that can be strongly magnetized.

LIQUID PENETRANT

IIA inspects a variety of metallic and nonmetallic materials for discontinuities. LPI is one of the most effective and affordable inspections of its type for defect location accuracy. We leverage the visual data left behind by the flowing liquid and identify where the liquid entered (defect areas). We then provide reliable data in relation to the sensitivity of the penetrant system and any defects from Sensitivity Level 1 to 4.

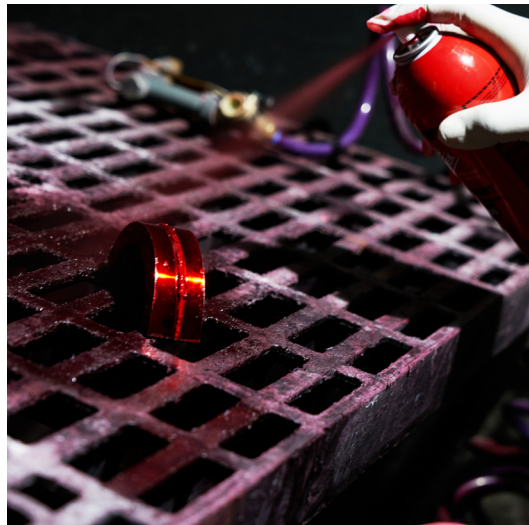
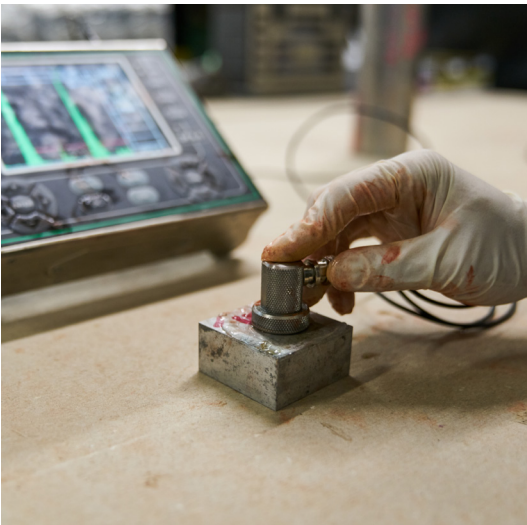
FLAW DETECTION

Our experts use Ultrasonic Flaw Detection to perform both contact and immersive testing. This technology uses sound waves to propagate through an object, and the methods our experts utilize are: pulse echo, transmissional, straight beam, shear wave testing, and advanced phased array techniques.



RADIOGRAPHY

In order to detect internal defects for welds, castings, and parts used in high stress or high reliability environments, we utilize Radiographic Testing (RT). To accurately detect internal defects, we perform x-ray, gamma ray, and radar inspection in accordance with MIL-SPEC, ANSI, ASTM, and ASME specifications. IIA's Lab experts, combined with these inspection methods, provide imaging and data as it relates to internal defects. IIA often performs RT in conjunction with penetrant or magnetic particle inspection so we can inspect practical thickness ranges up to 3.0" steel. And we deliver traditional film and digital images.



CERTIFICATIONS & GUIDELINES

- 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)
- PASNT Certified Level II & III
- A2LA Mechanical Testing
- A2LA Chemical Testing
- Our Facilities Meet a Variety of MIL-SPEC, ANSI, ASTM, and ASME Specifications
- We Can Issue Your Approvals for USA, CANADA, and EU Scopes

Do You Need To Talk To An Expert?

Let us provide your company with all of your lab needs for the future.

Contact us at **844-982-0747** or visit us at **industrial-ia.com**