

# MAKE BETTER DECISIONS AND GAIN EVEN BETTER RESULTS.



## IIA COMPUTED RADIOGRAPHY

IIA has pushed the boundaries of computed radiography capabilities in our pursuit of delivering outstanding results. Measuring tools, image viewing techniques, and electronic storage/transfer help ensure a first-rate product is delivered to you and your customers. Additionally, we utilize digital reporting, complete with technique sheet, for all methods of service from radiography to post weld heat treatment.

### A MARKET LEADER IN COMPUTED RADIOGRAPHY

IIA utilizes the smallest, lightest CR system designed specifically for NDT use. It is built for high image quality and improved productivity using direct input from mobile X-Ray Technicians. The speed and efficiency with which we conduct testing is greatly increased while image quality and sensitivity remain at a high level. Consistency in image quality is achieved through programmable settings and filters. Images are processed in seconds; expediting weld approval and clearance. Images may be exported for immediate auditing or imported into CAD drawings for package detailing.

#### Applications include:

- | CORROSION MAPPING | COMPARATIVE ANALYSIS
- | CODE COMPLIANCE (including lab, facility, fabrication, and mainline)

### GET IMMEDIATE FOLLOW UP INFORMATION

Our Electronic Report Tracking (ERT) system allows us to immediately provide you follow up information related to Authorization for Expenditures (AFE), job name, and lines. We can actively track repairs and provide timely feedback; ensuring corrective action while limiting fears about welder competency and pipe integrity.

### IMPROVE YOUR EFFICIENCIES AND COST SAVINGS

IIA only uses specialized Iridium Plus sources for Computed Radiography, which is especially useful on small bore pipe. Doing so guarantees the smallest focal spot size that maximizes our film quality and sensitivity. The higher quality images we produce improves efficiencies and cost savings to you, by eliminating time spent reshooting and reworking projects.

### PROACTIVE AND THOROUGH DIGITAL REPORTING

With our digital reporting, we ensure proper documentation, document control, legibility and retrievability so original reports don't get lost.

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# GAIN BETTER RESULTS

IIA has completed non-destructive testing including Computed Radiography on the largest modular LNG facility built in the United States. The project originally started with IIA working for this customer alongside several NDT companies; however, we eventually became the preferred and only vendor on the project. IIA became the customer's sole provider not only because of the quality of work but also due to the value-added benefits including, on-site project management, thorough documentation, comprehensive report tracking and repair logs.

## IIA FIRMLY BELIEVES THAT PROVIDING OUR TECHNICIANS WITH THE RIGHT RESOURCES, TRAINING AND TECHNIQUES PRODUCES THE HIGHEST QUALITY RESULTS.

We utilize the following:

- Focal Spot Size
- High Resolution Phosphor Plates
- Correct Dose Rate
- High Quality Equipment and Precise Image Capture Settings

### EXAMPLE COMPUTED RADIOGRAPHY REPORT WITH TECHNIQUE

### EXAMPLE DECAY REPORT

## DO YOU NEED TO TALK TO AN EXPERT?

Learn more about how Industrial Inspection & Analysis can solve your industrial challenges.

Call us at 325-672-0505 or visit us at [industrial-ia.com](http://industrial-ia.com)

