

We Take A Closer Look!

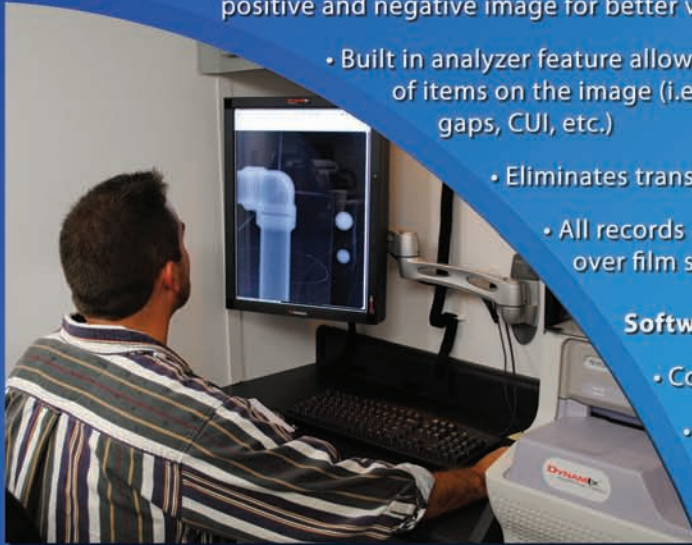
Applied Technical Services' Louisville Nondestructive Testing Department offers industrial radiography that uses X-rays to reveal defects in manufactured products or structures. Our highly rated radiography systems give us precise imaging with much greater detail than film. The capability to select and enhance critical areas of interest and the ease of electronic file sharing are just a few advantages our customers enjoy.

Computed Radiography Benefits:

- Images can be reduced, magnified, rotated, inverted or switched between positive and negative image for better viewing
- Built in analyzer feature allows for taking accurate measurements of items on the image (i.e.. wall thickness, voids, welds, deposits, gaps, CUI, etc.)
- Eliminates transportation of development chemicals on-site
- All records are stored electronically with increased longevity over film storage

Software Enhancements include:

- Contrast / Brightness Stretching
- Image Zoom
- Image Annotation



On Site Computed Digital Radiography



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New
Service
Offered in
Louisville!

On Site Positive Material Identification (PMI)

ATS Louisville offers you a nondestructive, X-ray fluorescence (XRF) analysis solution for identifying alloying elements found in iron, aluminum, nickel, cobalt, and copper based alloys. The analyzer is capable of detecting elements heavier than magnesium. Because the instrumentation is portable, ATS can analyze your sample on-site, thus significantly reducing down-time and eliminating the shipping costs associated with sending out samples.



- Positive Material Identification (PMI) of
 - Storage Tanks and Pressure Vessels
 - Boilers
 - Fixed Structural Components
 - Welds
 - Fasteners
- Material Sorting
- Elemental Analysis
- Lead Identification

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ATS
Applied Technical Services

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