



Minerals

Coal

Environmental Tribology

Food &

Pharmaceutical Industrial



October 2010

## Asset Care Counts #1

### RADIOGRAPHIC IMAGING ENHANCEMENT

Computed Radiography (CR) systems have been widely used for medical radiographic imaging for several years and are now available to meet the quality requirements of industrial applications.

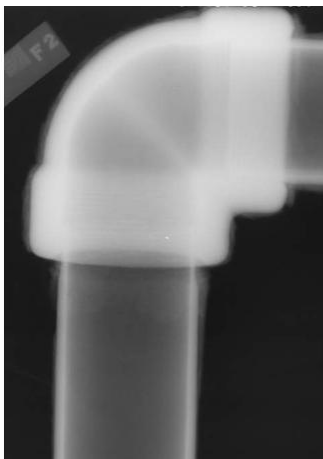
The systems utilise the same x-ray and gamma sources as traditional film based methods but substitute a reusable phosphor imaging plate in place of the radiographic film. This plate is read using a laser scanning system with the resultant image displayed on a high resolution monitor.

The CR systems have the same field portability and applications as film based systems.

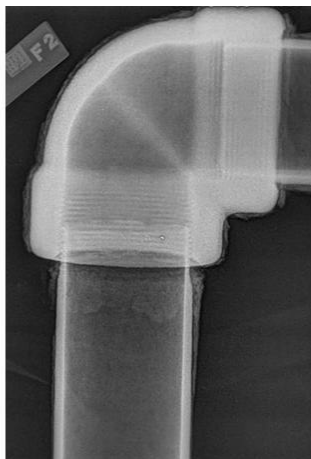
CR offers clients

- Safer operation, reduced radiation hazard
- Reduced inspection times
- Elimination of darkrooms, chemicals, dry waste
- Ability to enhance and electronically transmit images
- Permanent retention of images on DVD and HDD

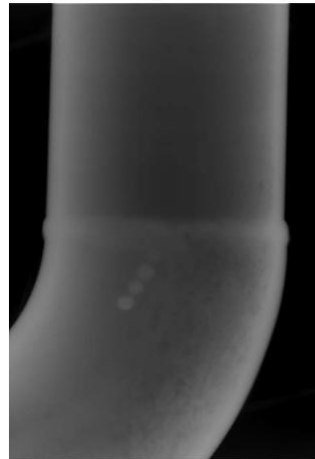
ALS Industrial Division is now offering the "Flash Filters" software enhancement from GE Inspection Technologies to provide the sharpest view of weld, corrosion/erosion and casting application images. The clarity of "Flash Filters" images significantly increases probability of detection (POD) while minimising analysis time.



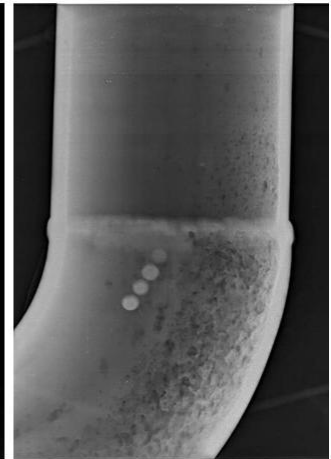
Conventional Image



Flash Filters enhanced



Conventional Image



Flash Filters enhanced

For further information on the ALS Industrial Division computed radiography capabilities please contact:

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