Computed Radiography Imaging Enhancement

Computed Radiography (CR) systems have been widely adopted beyond the traditional medical radiographic applications. For decades, CR has proven a quality solution for industrial inspections due to its wide range of applications, reliability and familiarity.

The CR systems utilise the same x-ray and gamma sources as traditional film-based methods however 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.

The Benefits

CR offers clients:
› Safer operation with reduced radiation hazard.
› Reduced inspection times.
› Elimination of darkrooms, chemicals and dry waste.
› Ability to enhance and electronically transmit images.
› Permanent retention of images on DVD and HDD

CR provides the sharpest view of weld, corrosion, erosion and casting application images. The clarity of “Flash Filters” images significantly increases probability of ALS is now offering the “Flash Filters” software enhancement from GE detection (POD) while minimising analysis time.