



DR 3000 Radiography Film Digitisation Training

Part code: DIGI-FILM

Learning objectives:

- 1) Prepare operators, supervisors, inspectors for Digitisation of the conventional Radiograph films and documents.
- 2) Understand the entire Radiograph Digitisation Cycle
- 3) System Setup, calibration check and maintenance
- 4) Digital data setup, generating method statement, deliverables in accordance to the QA/project requirements
- 5) Archive disk and back-ups
- 6) Checking and validation of the digitised data with authentication and NDT objectives

Training benefits:

Knowledge of Digital radiograph technology benefit and constraints
Convert conventional radiograph to electronically NDE data with international standard acceptance and high degree of accuracy
Correct use of Electronic tools to analyse the radiographs, minimising the human errors
Correct and efficient use of the hardware and software

Pre-requisites:

Operators must be qualified conventional radiographer Level I and computer literate
Supervisors, inspectors and auditors qualified with Level II or III in NDT radiography and computer literate.
In addition the employer's written practice shall describe the specific training and practical experience of Level II and Level III personal involved in the application of digital imaging process and the interpretation of results and acceptance of system performance application

Course Content:

Technical and Hands-on training course and examination is prepared to fulfil ASME-V, article 2/ASNT-TC1-1CA /EN473/EN4179/EN14096/Nureg-1452/ISO9712/ guidelines

◆ **Operates Training – Level I**
3 days course

- System set-up
- Radiograph Film Handling
- Following method statement
- Pre-digitisation Processes and data setup
- Digitisation of films and associated documentation
- Use of reference radiographs
- Archival Process / Archive Disk Management
- Preparing Deliverables / Administration
- System check and maintenance

◆ **Supervisors Training – Level II**
3 days course

- Digitisation standards & digital image standards
- Preparing method statement
- Digitisation technique set-up, Data and product set-up
- Retrieval & Radiograph Browsing
- Image quality acceptance
- Image processing
- Various defects
- Advanced Radiograph Analysis
- Reporting Tools
- System quality checks & Calibration

◆ **System Administrators - Level III**
2 days course

- System adaptation
- Project definition and set-up
- Archive Disk Management
- Image quality and analysis
- Projects Reports
- Recommendations & preventative actions
- Quality Control & Log book
- System Calibration
- System Administration Document

The candidate must have achieved Digital radiography level II training and at least 30 days of experience using the Digital radiography technology and system

Skills developed:

- ◆ Have a global overview of the Digital Radiograph Technology and benefits
- ◆ Use of the hardware and software
- ◆ Understand the project requirement
- ◆ Transcribe the existing Radiograph Film to electronic image
- ◆ Display images on an ultra-high resolution monitor, and conduct the image analysis, reporting
- ◆ Build an integrated management system

*For any further information about this course and its content, please contact our team on
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