

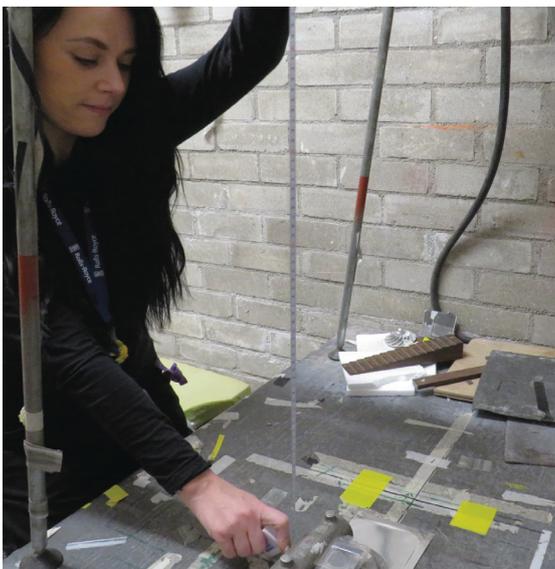
RADIOGRAPHY TESTING

OPTIONAL CATEGORIES INCLUDE: WELDS OR CASTINGS



This method consists of sensitive radiographic film being placed under a specific component. The component is then exposed to ionizing radiation either X-Radiation or Gamma Radiation. The radiation will pass through the component and expose the film beneath, leading to what is known as the latent image on the film. Once the film has been exposed, the film will then be developed which creates a fixed permanent image. Discontinuities such as cracks or lack of fusion within the component can affect the exposure of the film.

We provide a range of Radiographic training and examinations suitable for PCN/EN473/ISO9712 certification to Levels 1, 2, 3 and ASNT Level 3. We also offer training suitable for employer based schemes such as SNT-TC-1A, NAS410 and EN4179. Candidates have the option to choose Radiography welds or castings. Please note, candidates who wish to carry out radiography must hold Basic Radiation Safety or incorporate this into their course.



COURSE CONTENT

- General theory and principles of radiography
- Fundamental aspects of radiographic quality
- Set up and verifying equipment settings including exposure factors, radiation protection, quality assessment, films and processing
- Hands on inspection, practical testing and supervise all tasks
- Radiographic interpretation and evaluation of results according to applicable standards
- Reports the results of the Radiography tests

BASIC RADIATION SAFETY (BRS)

Our Basic Radiation Safety course provides the candidate with:

- The knowledge of the hazards associated with ionising radiations
- Precautions to be taken when employing ionising radiation
- The methods of protection
- Awareness of special requirements for site operations
- Possible accident or emergency situations that could occur and actions to be taken

DURATION

Courses usually consist of 14 days training and 1 day examination. The examination includes a general theory paper, specific paper and practical exam. The duration of the training can be shorter if the candidate already holds BRS.

CONTACT US

T: +44 (0) 1226 765769
E: enquiries@lavender-ndt.com
www.lavender-ndt.com

“THE SERVICE IS SECOND TO NONE,
WITH GREAT STAFF AND TUTORS.”

LAVENDER INTERNATIONAL -QUALITY, FLEXIBILITY & TRUST