



ISO 9712 RI

Radiographic Interpretation - Level 2



**SECTOR:
WELDS**

Suitable for

Radiographers, inspectors, engineers and surveyors who wish to interpret radiographs but do not have a good understanding of the principles of radiography.

Entry requirements

No mandatory course entry requirements.

Training requirements:

The minimum required duration of training, which includes both theoretical and practical elements, is:

- * Level 1 - not applicable
- * Level 2 - 56 hours

The training hours requirement is fulfilled when candidates attend one of TWI's training courses. This course takes place over 7 consecutive week days with the exam on the 8th day.

Certification requirements:

The minimum duration for experience prior to or following success in the qualification examination is:

- * Level 1 - not applicable
- * Level 2 - 6 months

Certification will not be issued until successful completion of the examination and the required experience is achieved.

Certification/Awarding Bodies

CSWIP ISO 9712

Course content

This course designed for personnel responsible for judging the quality of radiograph and reaching informed decisions regarding the identity and extent of the defects revealed. Training in radiographic interpretation provides essential knowledge on radiographic theory and practice to enable interpreters to judge radiographic quality and practical interpretation of welds and castings respectively.

Principles of X- and gamma-radiography; equipment; safety; selection of films and screens; exposure; processing; characteristics of the image; choice of technique; relevant standards; sensitivity, factors affecting the quality of radiographs.

The course ends with the certificate examination.

Training in accordance with requirements of BS EN ISO 9712.

Objectives

- * To explain the basic theory of radiography
- * To state origin of defects
- * To state basic radiation safety principles
- * To explain principles relating to selection of films, energy levels and techniques
- * To evaluate radiographic sensitivity
- * To recognise and differentiate between film artefacts and defect indicators and interpret radiographs

Course Duration : 7 days Training + 1 day Examination

Course Timing : 9:00 AM to 5:30 PM

Course & Exam Fees : \$ 1400 only

YOUR PARTNER FOR SUCCESS



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