



Non-destructive testing. Penetration testing (PT)

Training center «IQTC» invites interested parties to acquire the qualification in the Penetration Testing at Level 2 (PT 2) according to the requirements stipulated in the standard EN ISO 9712. This course is developed and based on the requirements of the international document ISO/ TR 25107:2006 «Non-destructive testing – Guidelines for NDT personnel training organizations».

The aim of the course

The aim of the course is to provide the students with all the necessary knowledge concerning the NDT penetration testing method and the tasks of the Level 2 defectoscopist according to the standard ISO 9712. The students will acquire all the necessary skills in order to carry out a penetration testing on their own. Additionally, the course is designed to prepare the participants for the certification, organized by a notified certification institution.



Course content

- ▶ Non-destructive testing: types, methods and techniques, classification, sphere of application, features
- ▶ Physical basis of the penetration testing
- ▶ Preparatory work, necessary in order to carry out a penetration testing
- ▶ Reference samples and penetrating substances used in the penetration testing process
- ▶ Preconditions for carrying out NDT penetration testing
- ▶ Process of carrying out penetration testing procedures
- ▶ Introduction to the formation of the defects
- ▶ Standards applied for carrying out NDT penetration testing

Target audience

Defectoscopists, personnel that operates in the field of the quality control of metal products and constructions.

Prerequisite skills and knowledge

In order to apply for this course, candidates must have a completed secondary education. Only persons with no less than a 3-months practical experience can qualify to go through the certification process.

Additional requirement: eyesight check according to ISO 9712:2012 (visual acuity and color vision).

Issued documents

After completing the course and successfully passing the exam, the students receive a certificate issued by the training center «IQTC» and a Level 2 – PT certificate according to EN ISO 9712 and PED 93/27 EC.

*The certificate is valid for 5 years.

Course duration

40 academic hours

**Qualification exam is held separately*

Price for the course

2045,00 €



Contact information

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