

NDT using sealing level 3

REF. 1-414.

OBJECTIVES

- //. Understanding the main issues in production and maintenance.
- //. Proposing a technique and/or an additional specification method and defining acceptance criteria if none exist.
- //. Ability to guide agents having a lower COFREND level.
- //. Detailed revision of the seal checking theory.
- //. Acquisition of the required knowledge for level 3 in the field of fluid mechanics.

AUDIENCE

- //. Certified level 2 sealing agents.
- //. Technicians, engineers or control agents.

PREREQUISITES

- //. Cofrend LT level 2 certification
- //. This course is accessible to technicians or control agents who do not have the Cofrend LT 2 certification if they take the LT R Practical course. Contact the training department.

TEACHING RESOURCES

- //. Lectures, controlled practical exercises, demonstrations.
- //. Custom training manual, a true practical guide on the workstation.

DURATION 10 days (80 hours)

DATES Contact us

LOCATION Grenoble (FR) possible on customer site

PRICE 3500 € ex. VAT / person. (Lunch included)

TRAINING PLUSSES

Instructor certified COFREND NDT Using lev.3, engineer.
Theory assessment and practical tests to measure individual proficiency by the end of the training period

PROGRAMME

REMINDERS OF THE LEVEL 2 PROGRAMME

1. Gas

- flow and flow rates
- drainage via thin walls
- drainage in tubes
- non circular cross sections
- case of capillaries and cracks

2. Liquids

- surface tension
- flow rates of orifices and piping
- non circular cross sections
- case of leaks
- unblocking pressure

3. Transformation of liquid leak / gas leak

- Calculation assistance: nomograms / software

ESTABLISHING SPECIFICATIONS

1. Designing a checkable part, surface condition
2. Sealing specifications
3. Calculation of the admissible leakage threshold

DRAFTING PROCEDURES

1. Content
2. Presentation
3. Use

ADVANCED TECHNIQUES

FRENCH AND EUROPEAN STANDARDS

FOR INFORMATION :

This course is for candidates wishing to register for the COFREND LT level 3 certification exam.

The level 3 certification exam has two types of test, a so-called «basic» exam and an exam on the main method for which the exam is being passed. The LT 3 course prepares for the main method exam.

The so called «basic» exam is a general written exam. It covers the candidate's knowledge of technology and material engineering applied to his/her sector of activity, the knowledge of certification rules and the general knowledge of four non intrusive control methods (including the main method) with a test of 60 level 2 questions. Contact us for the list of centres offering preparations for this exam. Furthermore, to be able to register for the COFREND level 3 certification exam, the candidate must have passed the practical exam for level 2 on the main method.