



REF : IN12

**DURATION : 4 to 5 days
+ 1 day for the exam**

PARTICIPANTS : 8 pers.

FEES : please contact us
formation@fr.tuv.com
Tel +33 (0)1 40 92 23 29

TARGETED AUDIENCE*
See below

PRE-REQUISITES

Requirements for initial Qualification:
- Experience Hours in Method : 140
- Total Hours in NDT : 270

Training performed in English.

NDT Level II Qualification - Penetrant Testing (PT) / SNT-TC-1A

***TARGETED AUDIENCE**

Inspectors, managers, production engineers, design office engineers and technicians.

Learning objectives

Select the NDT technique for the Liquid Penetrant Testing method to be used

Define the limitations of application of the testing method

Interpret and translate PT codes, standards, specifications and procedures into NDT instructions adapted to the actual working conditions

Set up and verify equipment settings

Perform and supervise tests

Carry out and supervise all tasks at or below level 2

Provide guidance for personnel at or below level 2 and report the results of PT tests

Interpret and evaluate results according to applicable standards, codes, specifications or procedures.

Learning Aid

Presentations and practical exercises.

Trainer

Level III - PT / SNT-TC-1A.

Training contents

- Basic principles and physical backgrounds of liquid Penetrant Testing
- Test media and testing equipment
- Preparation and pre-cleaning of the test surface
- Penetrants used and penetration process
- Intermediate cleaning and drying
- Developer and development
- Inspection and reporting
- Monitoring of the test system
- Evaluation of indications from Penetrant Testing
- Imperfections (Production and Operational)
- Standards and codes
- Reporting
- Practical and hands-on exercising.