



REF : IN13

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

**PARTICIPANTS :** 8 pers.

**FEES :** please contact us  
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**TARGETED AUDIENCE\***  
See below

#### PRE-REQUISITES

Requirements for initial Qualification:  
- Experience Hours in Method : 210  
- Total Hours in NDT : 400

Training performed in English.

## NDT Level II Qualification - Magnetic Particle Testing (MT) / SNT-TC-1A

#### \*TARGETED AUDIENCE

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

#### Learning objectives

Select the NDT technique for the Magnetic Particle Testing method to be used

Define the limitations of application of the testing method

Interpret and translate MT 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 MT tests

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

#### Learning Aid

Presentations and practical exercises.

#### Trainer

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

#### Training contents

- Physical Basics and background of the Magnetic Particle Testing
- Magnetic Effects of the Electric Current
- Magnetizing techniques
- Testing media for the Magnetic Particle Testing
- Procedure, test instructions and test report
- Equipment technology for Magnetic Particle Inspection
- Control and surveillance of Magnetic Particle Testing
- Evaluation of indications in the Magnetic Particle Testing
- Imperfections (Production and Operational)
- Standards and codes
- Reporting
- Practical and hands-on exercising.