

INSPECTION OF WELDING IN LIGHT OF NDT OVERVIEW AND APPRECIATION

Description

This NDT training course covers A basic appreciation of the main NDT methods (Visual Inspection, Magnetic Particle Testing, Penetrant Testing, Radiographic Testing, Ultrasonic Testing and Eddy Current Testing); choice of method in relation to materials, defect type, position and weld geometry; materials sorting methods, proprietary instruments; surface methods; visual Inspection, magnetic particle and penetrant inspection and eddy current testing; methods for internal examination, X-and gamma-radiography, ultrasonic flaw detection.

To appreciate to the available methods, to explain the basic principles of these methods, to identify the advantages and disadvantages of these both in applications and defects detections

What is NDT / NDE

Standards, specifications & requirements

Main methods

Main applications

Advantage and disadvantages (limitations) for each method

Equipments, consumables, Testing techniques,

Testing procedures, written instructions, testing reports

NDT personnel certification scheme

Material properties

Quality assurance and Quality control.

*The educational programs of TÜV AUSTRIA ACADEMY are **exempt from VAT**, according to Law 2859/2000, article 22 par. 1.

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