

TRINITY NDT WELDSOLUTIONS PVT. LTD.

Aerospace and Advanced NDT | Centre of Excellence in Welding | Training

NDT Training Outline

Ultrasonic Thickness
Testing Level II Course

Brochure

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Ultrasonic Thickness Gauging Course Overview

To provide a basic knowledge of ultrasonics to enable a participant to carry out thickness gauging tests according to an established procedures. The course is especially designed to provide a sound theoretical knowledge and practical skills for carrying out ultrasonic thickness testing.



Training & Certification as per Written Practice Framed to Requirements of ASNT SNT TC 1A Initial training & Experience		
Training	Trainee : 08 Hours	A Scan Thickness : 24 Hours
Experience	Trainee: 40 Hours	A Scan Thickness: 175 Hours

Initial training & Experience

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Experience	Trainee: 40 Hours	A Scan Thickness: 175 Hours

Course Contents Outline

UTG Level II Training

1. Introduction
2. Ultrasonic Fundamentals
3. Ultrasonic Transducers – Construction and Operation
4. Longitudinal Waves
5. Interfaces
6. Effects of Reflector/Test Geometry
7. Pulse-Echo Test Set up
8. Couplants and Coupling Techniques
9. Ultrasonic Instrumentation
10. Thickness Measurement

UTG Level II Practicals

Ultrasonic thickness testing of pipes, tubes, hollow machined components, castings, plates and corroded parts.

For more information, Contact us

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