

# 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

 **16000+ Certificates Awarded**

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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		
<b>Training</b>	Trainee : 08 Hours	A Scan Thickness : 24 Hours
<b>Experience</b>	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

Call/WhatsApp: +91 91413 39994 / +91 98441 29439 | E-mail: [training@trinityndt.com](mailto:training@trinityndt.com)

TRINITY NDT WELDSOLUTIONS PVT. LTD.

491, Site No.12, 14th Cross, 4th Phase, Peenya Industrial Area,  
Bangalore-560 058, INDIA. M: +91 91413 39994, +91 98441 29439

E: [training@trinityndt.com](mailto:training@trinityndt.com) | W: [www.trinityndt.com](http://www.trinityndt.com)

