

# TRINITY NDT WELDSOLUTIONS PVT. LTD.

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

## NDT Training Outline

Penetrant Testing

Level I, II Courses

## Brochure

 16000+ Certificates Awarded

 ISO17025 Accredited Labs

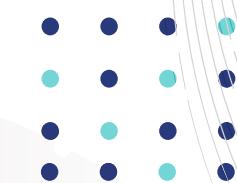
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# Penetrant Testing Course Overview

The PT course is presented in a manner that promotes understanding and the ability to make immediate application. This is an excellent course for NDT trainees who wants to have Level I and II training in order to qualify for certification as well as facility personnel who are responsible for or oversee the application of Liquid Penetrant Testing in shop floors/workshops.



## Training & Certification as per Written Practice Framed to Requirements of ASNT SNT TC 1A

### Initial training & Experience

<b>Training</b>	Level I : 04 Hours	Level II: 08 Hours
<b>Experience</b>	Level I: 70 Hours	Level II: 140 Hours

Note: For Direct Level II, training and experience consists of the sum of the hours for Level I & 2

## Course Contents Outline

### PT Level I Training

1. Basics of penetrant testing,
2. Penetrant groups,
3. Pre-cleaning methods,
4. Penetrant testing methods and techniques,
5. Types of developers,
6. Inspection procedures,
7. Sensitivity & resolution checking of test systems
8. Types of discontinuities

### PT Level II Training

- Review of Level I Course
1. Selection of techniques,
2. Manufacturing processes and discontinuities,
3. Interpretation of indications,
4. Preservation of indications,
5. Evaluation of test materials.
6. Penetrant materials quality control
7. Codes, standards and procedures

### PT Level I Practicals

Visible (Red) and fluorescent penetrant testing of various types of engineering components using dry, wet, solvent suspended developers.

### PT Level II Practicals

Same as for Level I + Interpretation and Evaluation

## For more information, Contact us

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