

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**

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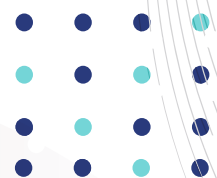
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Recipient of
Sreshta Udyama Seva Puraskar 2022
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Penetrant Testing Course Overview

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		
Training	Level I : 04 Hours	Level II: 08 Hours
Experience	Level I: 70 Hours	Level II: 140 Hours

Note: For Direct Level II, training and experience consists of the sum of 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 I Practicals

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

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 II Practicals

Same as for Level I + Interpretation and Evaluation

For more information, Contact us

Call/WhatsApp: +91 91413 39994 / +91 98441 29439 | E-mail: 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 | W: www.trinityndt.com

