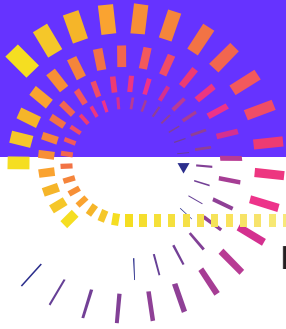


# TRINITY INSTITUTE OF NDT TECHNOLOGY

*Sharing expertise. Creating Professionals.*



## NDT TRAINING & CERTIFICATION COURSE - LIQUID PENETANT TESTING



LEVEL I & II

16-Hours (2 days)

As per ASNT SNT-TC-1A - 2006 Recommended Qualification Hours for Initial Training and Experience			
Training	Level I:4-hrs	Level II: 8-hrs	Total: 12-hrs
Experience	Level I:70-hrs	Level II: 140-hrs	Total: 210-hrs

### 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.

### COURSE CONTENTS

#### Level I course outline

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.

#### Level II course outline

- Review of Level 1 course and
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 1 Practical Training

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

#### PT Level 2 Practical Training

Same as for Level I + Interpretation and Evaluation

### FOR MORE INFORMATION

Call: +91 99009 29439 / 98441 29439/080-28366466 or email: [training@trinityndt.com](mailto:training@trinityndt.com)

### TRAINING COURSE SCHEDULES

Visit : [www.trinityndt.com](http://www.trinityndt.com) or [www.materials-testing.blogspot.com](http://www.materials-testing.blogspot.com)

Plot No. V-22(a), 6th Main, 2nd Stage, Peenya Industrial Estate, Bangalore- 560058, INDIA.

Telefax: +91-80-28366466, Mobile:+91 99009 29439, 98441 29439

e-mail: [training@trinityndt.com](mailto:training@trinityndt.com), Website: [www.trinityndt.com](http://www.trinityndt.com)