



# LIQUID PENETRANT TESTING LEVEL-2

Cutech Training provides accurate & comprehensive training that leads directly to the ability of the student to perform valid Liquid Penetrant Testing.

Level I and II material is combined and presented in a single classroom course.

## CERTIFIED NDT INSPECTOR



\*In compliance with ASNT Practice no.SNT-TC-1A & employer written practice

**PART TIME & FULL TIME AVAILABLE**

Course	Seminar & Exam Fee
LPT Level II	SGD 750 + 7% GST (Course, Exam & Materials)

**Singaporeans & SPRs up to 90%\* FUNDING SUPPORT available**

\*depending on the categories that suit your qualifications



### **CONTACT US**

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**Fee Details:**

Seminar Fee	Post-Funding			
Foreigner	Normal	ETS	MCE	WTS
	Singapore Citizens / PRs Aged 21 Yrs & above	Singapore Citizens/ PRs SME Company Sponsored	Singapore Citizens Aged 40 Yrs & above	Singapore Citizens Aged 35 Yrs & above and earning \$1900/Mth & less
SGD 800 + GST	SGD 792 + GST	SGD 600 + GST	SGD 600 + GST	SGD 60 + GST

**Brief:**

In the Liquid Penetrant Testing (PT) Test objects are coated with visible or fluorescent dye solution. Excess dye is then removed from the surface, and a developer is applied. The developer acts as blotter, drawing trapped penetrant out of imperfections open to the surface.

With visible dyes, vivid colour contrasts between the penetrant and developer make "bleed-out" easy to see. With fluorescent dyes, ultraviolet light makes the bleed-out brightly, allowing imperfections to be readily seen.

**Modules:**

- 1 Interaction of penetrants and discontinuity openings
- 2 Fluorescence and contrast
- 3 Penetrant Processes
- 4 Test Equipment and Systems Factors
- 5 Test Result Interpretation: discontinuity indications Castings
- 6 Welds
- 7 Wrought Metals
- 8 Machined Parts
- 9 Leaks
- 10 Field Inspections

**Experience Required:**

Description	Total Hours in Method	Total hours in NDT
Level I Experience	Min. 70-hrs	Min. 130-hrs
Level II Experience	Min. 140-hrs	Min. 270-hrs
<i>Total Experience</i>	Min. 210-hrs	Min. 400-hrs

**LOCATION**

PIONEER JUNCTION #03-19  
3 SOON LEE STREET  
SINGAPORE (627606)

**Training Duration: 16 hours**

**Examination: 4 hours**

- A) General
- B) Specific
- C) Practical