



Accredited International Organizer  
NDT Inspector Training & Examinations

# 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 800 + GST (Course, Exam & Materials)

**Singaporeans & SPRs up to 70%\* FUNDING SUPPORT available**

\*depending on the categories that suit your qualifications

## **CONTACT US**

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**SKILLS**future

www.training.cutechgroup.com

Quality Solutions Provider



**Details:**

SEMINAR (16HRS)		CLOSING DATE	EXAM DATE (3HRS)	SEMINAR & EXAM FEE			
				FULL FEE	NORMAL	ETS	MCE
					Singapore Citizens / PRs Aged 21 Yrs & above	Singapore Citizens/ PRs <b>SME</b> Company Sponsored	Singapore Citizens Aged 40 Yrs & above
13 to 14 Jan	Weekdays	02 Jan	4 Jan	SGD 800	SGD 400	SGD 240	SGD 240
03 to 04 Mar	Weekdays	20 Feb	04 Mar				
28 to 29 Apr	Weekdays	20 Apr	29 Apr				
09 to 10 Jun	Weekdays	30 May	10 Jun				
04 to 05 Aug	Weekdays	24 Jun	05 Aug				
10 to 11 Nov	Weekdays	25 Oct	11 Nov				

▷ **SGD 72 [GST] applicable to all candidates.**

**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

**Training Duration: 16 hours**

**Examination: 4 hours**

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

**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)