



Accredited International Organizer  
NDT Inspector Training & Examinations



# ULTRASONIC TESTING LEVEL-2

**Cutech** Training provides the absolutely essential theory required to perform valid ultrasonic inspection.

Fundamental concepts and terminology of ultrasonic and the mathematical relationships that exist between them are explored in depth.

**CERTIFIED NDT INSPECTOR**



**PART TIME & FULL TIME AVAILABLE**

Course	Seminar & Exam Fee
UT Level II	SGD 2000 + 7% GST (Course materials, Exam)



**Singaporeans & SPRs up to 90% Funding Support available**

\*depending on the categories that suit your qualifications



## CONTACT US

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Quality Solutions Provider



**Fee Details:**

Seminar Fee	Post -Funding			
	Normal	ETS	MCE	WTS
<b>Foreigner</b>	Singapore Citizens / PRs Aged 21 Yrs & above	Singapore Citizens/ PRs <b>SME</b> Company Sponsored	Singapore Citizens Aged 40 Yrs & above	Singapore Citizens Aged 35 Yrs & above and Earning \$1900/Mth & less
SGD 2000 + GST	SGD 921 + GST	SGD 240 + GST	SGD 240 + GST	SGD 120 + GST

**Brief:**

Ultrasonic NDT method use transmission of high-frequency sound waves into a material to detect imperfections or to locate changes in material properties.

The most commonly used ultrasonic testing technique is pulse echo, wherein sound is introduced into a test object and reflections (echoes) are returned to a receiver from internal imperfections or from the part's geometrical surfaces.

**Modules:**

- 1 Sources: Castings, Welds, Assemblies, Electronic components, Field Inspections
- 2 Imaging
- 3 Non- Imaging
- 4 Nature of Penetrating Radiation & interactions with other matter
- 5 Essentials of Safety
- 6 Basic Image considerations
- 7 Test Result Interpretations & discontinuity indications
- 8 Densitometers
- 9 Systems factors (source/test object/detector interaction)
- 10 Radiographic Artifacts
- 11 Applications: Castings, Welds, Assemblies, Electronic Components, Field Inspections

**Experience Required:**

Description	Total Hours in Method	Total hours in NDT
Level I Experience	Min. 210-hrs	Min. 400-hrs
Level II Experience	Min. 630-hrs	Min. 1200-hrs
<i>Total Experience</i>	Min. 840-hrs	Min. 1600-hrs

**LOCATION**

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

**Training Duration: 87 hours**

**Examination: 7 hours**

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