

ULTRASONIC TESTING LEVEL 1 & 2 (80 HOURS)

NDT Training Center | Testia Singapore

About the course:

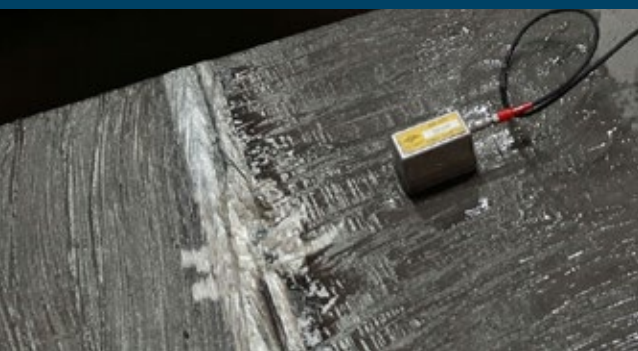
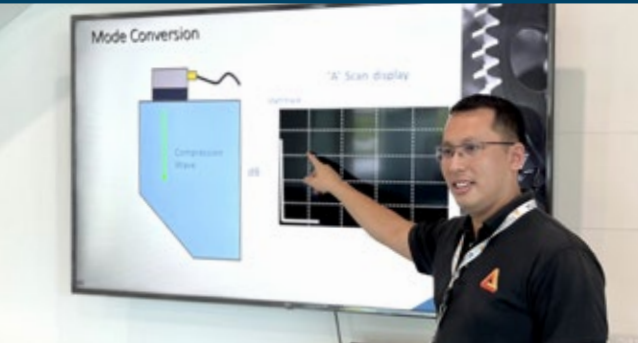
Ultrasonic testing or in short UT is a non-destructive testing (NDT) method that use ultrasonic waves to pass through a material or object. Ultrasonic waves are high-frequency waves that are passed through different substances to find flaws or detecting variations in them. Ultrasonic testing applications can utilize frequencies up to 50 MHz but mostly these frequencies are limited to 0.1 to 15 MHz in these applications.

This 80 hours course satisfy the formal training requirements of EN4179 and consist of both theoretical and hands-on practical.

Student will be continuously assessed during the course by progress tests, together with End-of-Course examination (theory and practical)

Course contents:

- Introduction to NDT and certification of personnel (EN 4179 / NAS 410)
- Introduction
- History and principles of operations
- Advantages and disadvantages of the method
- Main types of discontinuity detected
- Facility requirements and/or equipment needed
- Safety considerations and/or precautions
- Interpret and evaluate results according to applicable standards, codes, specifications or procedures
- Prepare ultrasonic testing written instructions and reports
- Application of method to a company's specific requirements



UT

