

We TRAIN

EDDY CURRENT TESTING LEVEL 1 & 2 (80 HOURS)

NDT Training Center | Testia Singapore

About the course:

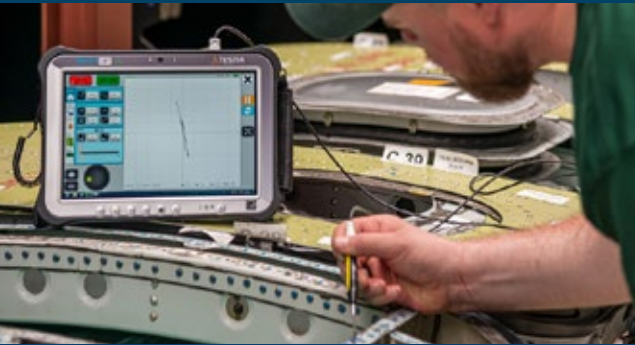
Eddy current testing (ET) is one of several non-destructive testing methods that uses the electromagnetism principle for flaw detection in conductive materials. A specially designed coil energised with an A.C. is placed in close proximity to the inspection surface, generating a changing magnetic field that interacts with the inspection surface and produces eddy current in the vicinity.

This 80 hours course satisfies the formal training requirements of EN 4179 and consists of both theoretical and hands-on practical parts.

Students 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 eddy current testing written instructions and reports
- Application of method to a company's specific requirements



ET

