

Vector - ET1

Eddy current testing (ET) stage 1 according to EN ISO 9712

Contents:

With this inductive method, rapid tests can be carried out in a continuous process for defects and material inhomogeneities on the surface of electrically conductive materials. The training focuses on the basics of the process: magnetic induction, alternating current technology, impedance plane representation. The handling of universal and special devices is intensively practiced. In addition, you will receive a special overview of the applications for the industrial sectors of pressure vessel construction, pipe production and aviation. The material mix-up test is tailored for participants from all industrial sectors.

Program:

- Physical basics of eddy current testing I
- Properties of eddy currents
- Device design and functions
- Eddy current probes I
- Sorting inspection, dimension and layer thickness measurement
- Eddy current testing of tubes, rods and wires
- Error checking with probes
- Eddy current inspection of tube bundle apparatus for defects

Participants and requirements:

This training course is aimed at persons with skilled worker training or comparable training, at least 2 weeks of professional experience must be proven before the qualification examination.

Beginn:

Mittwoch, 14. August 2019, 08:00 Uhr

Ende:

Freitag, 23. August 2019, 16:00 Uhr

Veranstaltungsort:

67227 Frankenthal
Deutschland

Website & Anmeldung:

<http://www.vectortub.com/qualifizierungen/et/et1.html>