

ALTERNATING CURRENT FIELD MEASUREMENT

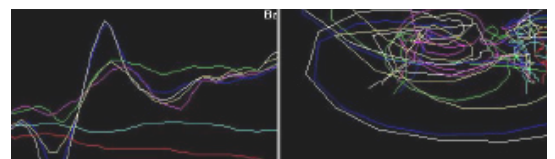


Our Alternating Current Field Measurement course covers the principles of electromagnetic testing with a particular focus on the specific aspects relating to ACFM. Students will gain a comprehensive understanding of both the theoretical aspects and the practical applications of the method. The course will also explore the correct scanning procedures, signal analysis and data management.

We can provide ACFM training and examinations suitable to PCN/EN473/ISO 9712 Level 1, 2 and 3 at our facilities in the UK and USA.

COURSE CONTENT

- Advanced electromagnetic theory
- Terms and definitions used in electromagnetic testing
- The application of ACFM across various industrial sectors
- The use of conventional and array probes
- The ability to detect defects and understand the advantages and limitations of the test method
- Factors affecting the sensitivity of the ACFM technique
- The characterisation of defects and how they are formed
- Types of discontinuities and their identification
- Interpretation of results according to specific standards, codes and practices



DURATION

- LEVEL 1:** 5 DAYS TRAINING & EXAM
- LEVEL 2:** 5 DAYS TRAINING & EXAM
- LEVEL 1 & 2:** 10 DAYS TRAINING & EXAM

PRE-REQUISITE

Students have to obtain their ACFM Level 1 certification before they are eligible to take our ACFM Level 2 course. These courses usually run on consecutive weeks. The work experience required varies from scheme to scheme, please get in touch with the team for further advice.

CONTACT US

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