

MAGNETIC PARTICLE TESTING

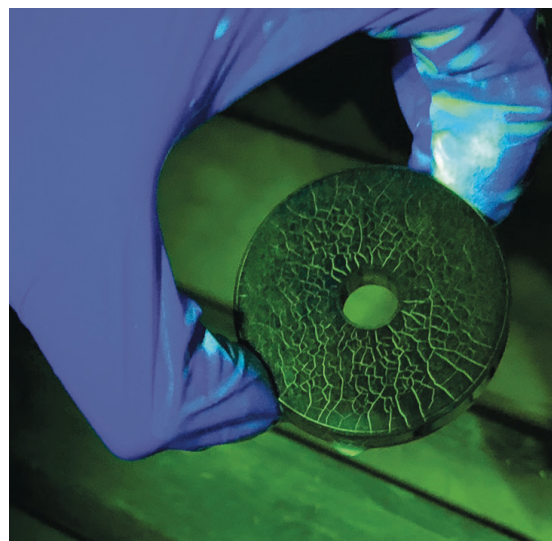


Magnetic Testing involves the magnetisation of a component, followed by the application of ferromagnetic particles. The particles align along discontinuities in the surface, or shallow sub-surface discontinuities. This method is used to test welds, castings and forgings for surface or subsurface defects; however it can only be used on ferromagnetic metals.

We provide training and examinations for Magnetic Testing, including PCN certification to Levels 1, 2 and 3. We also offer training and examinations suitable employer based schemes such as SNT-TC-1A, NAS410 and EN4179.

COURSE CONTENT

- Principles of MT for pre and in-service inspection
- Types of inspection equipment
- Magnetic fields
- Magnetic ink types
- Technique selection
- Magnetic flow and coil techniques
- Current calculations
- Codes and standards
- Product technology
- Defect types and causes



DURATION

This 5 day course consists of 4 days training and 1 day examination. The course complies with training requirements specified to EN ISO 9712, SNT-TC-1A and NAS410.



THE TRAINING AND REASSURANCE RECEIVED FROM THE INSTRUCTORS IS EXCELLENT. THE HELP GIVEN BY THE TUTOR WAS **ABOVE AND BEYOND.**"

LAVENDER INTERNATIONAL - **QUALITY, FLEXIBILITY & TRUST**

CONTACT US:

T: +44 (0) 1226 765769
E: enquiries@lavender-ndt.com
www.lavender-ndt.com