



Magnetic Particle Testing - Level 2



SECTOR:
WELDS

Suitable for

All NDT personnel, inspectors and technicians engaged in, or responsible for, inspection of castings, forgings or fabricated items during manufacture or in-service in different product sectors.

Suitable for personnel working in the aerospace industry.

Entry requirements

No mandatory course entry requirements.

Training requirements:

The minimum required duration of training, which includes both theoretical and practical elements, is:

- * Level 1 - 16 hours
- * Level 2 - 24 hours (**Direct Level 2 - 40 hours**)

The training hours requirement is fulfilled when candidates attend one of TWI's training courses.

Certification requirements:

The minimum duration for experience prior to or following success in the qualification examination is:

- * Level 1 - 1 month
- * Level 2 - 3 months (**Direct Level 2 - 4 months**)

Certification will not be issued until successful completion of the examination and the required experience is achieved.

Certification/Awarding Bodies

CSWIP ISO 9712

Course content

Principles of magnetism; magnetic fields; induction; permeability and reluctance; magnetisation; lines of force, methods of testing; interpretation of indications; demagnetisation; practical exercises; methods of assessing sensitivity; instruction writing.

During the Level 2 instruction writing and application, attendees requiring only Level 1 training will carry out practical applications to written instructions.

The course ends with the certification examination.

Training in accordance with requirements of BS EN ISO 9712.

Objectives

- * To explain the basic principles of magnetic particle inspection methods
- * To carry out magnetic particle inspection
- * To write clear and concise inspection instructions and test reports
- * To meet syllabus requirements for CSWIP/PCN Level 2

Course Duration : 4 days Training + 1 day Examination

Course Timing : 9:00 AM to 5:30 PM

Course & Exam Fees : S\$ 1300 only

YOUR PARTNER FOR SUCCESS



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