



CSWIP PENETRANT TESTING (PT)

Is it for me?

The course is suitable for all NDT personnel, inspectors and technicians engaged in or responsible for weld inspection, inspection of castings and forgings during fabrication or in-service inspection.

What will I learn?

This course will cover materials, methods, compatibility of materials, and equipment and safety aspects. It will also offer you practical exercises and methods of assessing sensitivity. During the Level 2 instruction writing and application, attendees requiring only Level 1 training will carry out practical applications to written instructions.

Training is in accordance with the requirements of BS EN ISO 9712 and ends with a written and practical test.

What will I leave with?

By the end of the course, you should be able to:

- Explain the basic principles of penetrant inspection methods
- Carry out penetrant inspection using solvent-removable, water-washable and post-emulsifiable/removal processes
- Write clear and concise inspection instructions and test reports
- Meet syllabus requirements for CSWIP Level 2

What else should I know?

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 be issued on successful completion of the examination and the required experience is achieved.