

# 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?

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



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