



CSWIP Visual Welding Inspector with Practical Module

Dates/venues/fee

The up-to-date programme is available at www.twitraining.com

Duration

4 days

Suitable for

Welders, operators, line inspectors and foremen who undertake visual examination of welded joints; quality control staff associated with welding; all staff who need basic training in welding inspection coupled with a qualification in this field.

This course is designed for those that require some knowledge of practical welding to enhance their understanding of the inspection of welded products, therefore this course combines two days of workshop related activities with a further 2 days of welding inspection before the CSWIP Visual Welding Inspector exam.

This course but without the practical module is also available: CSWIP Visual Welding Inspector (2 days).

Entry requirements

Although there is no specific experience required, it is recommended that candidates possess a minimum of six months' welding-related engineering experience and two years' industrial experience.

In addition, candidates must comply with Clause 1.3.4 of CSWIP document WI-6-92 available at www.cswip.com

Certification/Awarding Body

CSWIP

Course content

This welding inspection course covers: visual inspection procedures; relevant codes of practice, terms and definitions; welding processes and typical welding defects; weld measurements; typical documentation and requirements; practical inspection and reporting. All CSWIP requirement documents are available at www.cswip.com.

The practical element will cover participation in structured practical welding exercises to include health and safety, process advantages and limitations, joint preparation and fit up conditions, causes and avoidance of welding defects..

Objectives

- To gain a knowledge of practical welding to enhance attendees' understanding of the inspection of welded products
- To identify various weld imperfections (defects)
- To understand the relevant welding technology related to visual inspection
- To understand the need for documentation in welding
- To be aware of codes and standards related to inspection requirements
- To carry out inspection of parent materials and consumables
- To carry out visual inspection of welds, report on them and assess their compliance with specified acceptance criteria
- To pass the CSWIP Visual Welding Inspector qualification

Additional information

Attendees will need to supply their own flame-proof overalls and steel cap safety boots

Examination applicants must submit a detailed CV/résumé when booking this course

Enrolment on this course does not constitute reservation of an examination. All courses may be followed by a CSWIP Welding Inspector examination for candidates with appropriate experience as specified in CSWIP document WI-6-92.

All CSWIP requirement documents are available at www.cswip.com