



CSWIP 3.0 VISUAL WELDING INSPECTION COURSE

Rev 07

The CSWIP Visual Welding Inspector course is designed for welders, operators, line inspectors, and foremen who carry out the visual examination of welded joints. It is also suitable for welding quality control staff and anyone who needs basic training in welding inspection alongside a qualification.

The eLearning material and classroom based course are combined to ensure the learner not only understands the theoretical subjects, but also prepares the learner for the examinations.

The online material, as detailed below, covers the theory element of the course. The material will be provided after you log on the site.

What will I learn?

The Visual Welding Inspector Course will cover: Introduction; Typical duties of a welding inspector; Inspection equipment; Welding terminology and definitions; Welding process video; Welding processes; Welding imperfections; Plate inspection; Practical plate guide; Weld map exercise; Weld gauge; Weld gauge video; Training plate walk through; Practical inspection of fillet welds; Training fillet walk through; Fillet weld questions; Welding safety.

This welding inspection course will teach you visual inspection procedures, relevant codes of practice and terms and definitions. You will also learn about welding processes and defects, weld measurements, practical inspection and reporting, and the typical welding inspection documentation and requirements.

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

- Identify various weld imperfections (defects)
- Understand the relevant welding technology related to visual inspection
- Understand the need for documentation in welding
- Be aware of codes and standards related to inspection requirements
- Carry out inspection of parent materials and consumables
- Carry out visual inspection of welds, report on them and assess their compliance with specified acceptance criteria
- Pass the CSWIP Visual Welding Inspector examination

FAQ

How soon can a learner receive materials prior to sitting an exam?

For the online training materials, once they have payed, they will be given a link and a password which will be allocated by UK staff. All of the materials are contained on our virtual academy which they may download.

What is the minimum period?

Students are given access for a period of 60 days for the online learning but extensions can be applied depending on the situation at the time

What is the required minimum classroom attendance required for each course?

The 3.0 is designed to deliver 2 days of classroom training. The student will be required to attend a minimum 1 day classroom practical event (3.0 example) followed by a one day examination. Completion of the online course plays a critical part to ensure you are well prepared for the classroom training.

What is the minimum number of learners required to attend examinations?

We require a minimum of 8 bookings



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Do the candidates get hard copies of course notes and can we issue them prior to classroom attendance?

We do not provide a hard copy; a copy can be printed from the PDF.

What do I need to bring with the exam?

- Vision certificate (reading a minimum of Times Roman N4.5, or equivalent type and size letters, at not less than 300mm on a standard test chart for near vision, in at least one eye, corrected or uncorrected) Please use the Vision Test attached.
- 2 passport size photographs (signature behind).

3.0 Welding Inspector Exam consists of:

- Fillet Weld: 14 multiple choice questions. Time allowed: 30 minutes.
- Plate Segments: eight examination specimens, 2 multiple choice questions per segment. Time allowed: 90 minutes.
Total Time: 2 Hours

What else should I know?

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

Entry Requirements

There are no specific entry requirements for this course, but it is recommended that candidates have at least 6 months' welding-related engineering experience and 2 years' industrial experience. Candidates must also comply with Clause 1.3.4 of CSWIP document WI-6-92.

BOOK NOW!

Classroom and Exam dates – Please refer to IQS CSWIP Welding Inspection Course Schedule

To enroll please complete and return pages 1 to 4 of enrolment form and return to: gadocs@iqsint.com or TWItraining@iqsint.com

What happens next?

When you have booked your course, you will receive an email notification with your login details for the Online Learning. You will then have 60 days to complete your distance-learning course.

For More information, please contact us on: TWItraining@iqsint.com

Office Tel: +27 (0)11 894 1987; (08h00-16h00) WhatsApp - 079 586 4581 (08h00-16h00)

Training Venue:

IQS JHB, 22 Dakota Road, Impala Park, Boksburg, 1459

IQS Cape Town, 31a Carlisle street, Paarden Eiland, Western Cape. 7420