

Course Guide

Online Delivery

International Institute
of Welding (IIW)

International Welding Inspector Basic



For A Rewarding, Engaging Welding Career

An IWI B qualification offers significant rewards. In many ways, becoming a Welding Inspector is more than just a rewarding career—it involves great responsibility and requires remarkable skills to help maintain the highest levels of weld quality. This certification can lead to a career that is both engaging and promising. If what you want is a stable career in which you will thrive and find fulfilment, then the IWI B qualification may be for you.

Plus, IWI B qualification demonstrates to employers that you are dedicated to continually learning and growing in your field—qualities that are essential for success in team leadership roles, or for more complex projects.


Your Career Path

An IWI B qualification expands your career horizons enormously. This qualification for Welding Inspection Personnel is recommended in both AS/NZS ISO 3834 and AS/NZS 1554.1.

Welding Inspectors play an important role in any effective welding quality control program. A Welding Inspector is responsible for ensuring all the necessary manufacturing steps have been completed and are compliant with the correct codes and specifications.

Job Description

As a Welding Inspector, you will play an important part in ensuring that welded components comply with the appropriate International or Australian Standards, codes and client specifications. You may also be responsible for ensuring that documentation, procedures and welder qualifications (required to demonstrate compliance) are in place and adhered to.



“First class facilitator with excellent knowledge and experience.”

“A very good course, I look forward to doing another!”

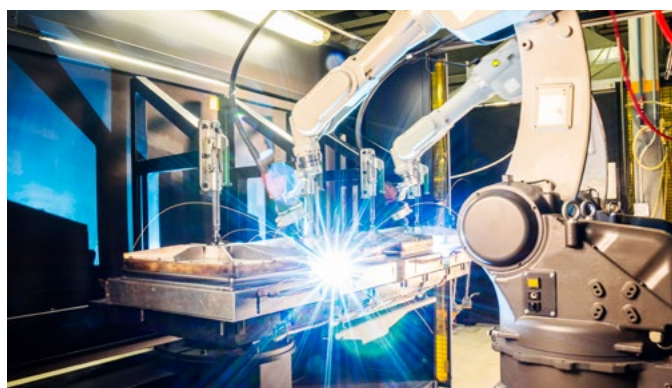
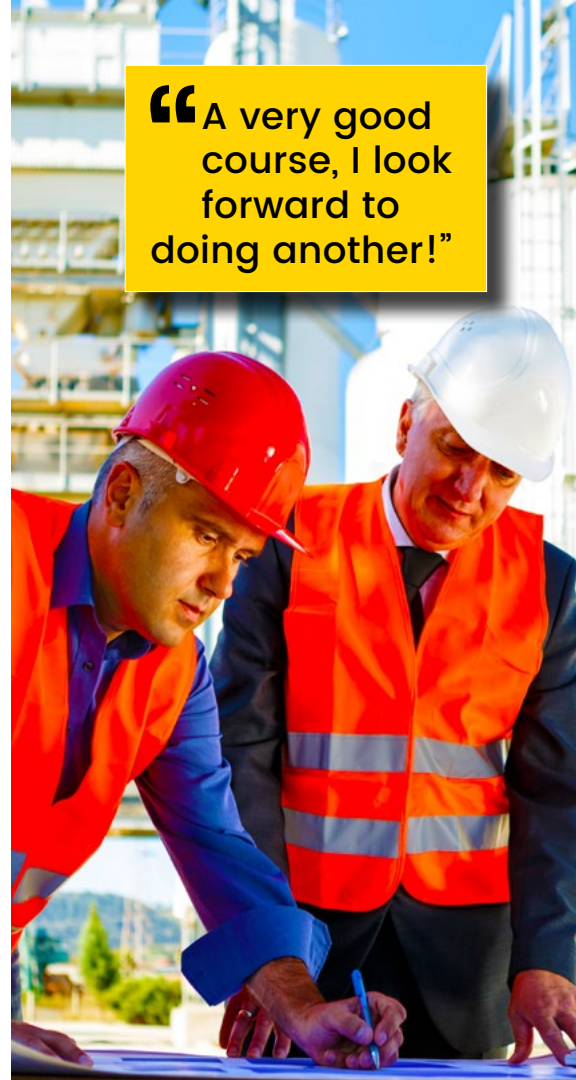
Course Overview

Successful completion of this course will see you obtain the globally recognised International Institute of Welding (IIW) – International Welding Inspector Basic (IWI B) qualification. This course provides general knowledge of welding and inspection theory and application, including NDT, mechanical and visual inspection techniques, inspection procedures and acceptance criteria, identification of weld imperfections associated with pre-production, fabrication and post fabrication, and more.

IWI B certification is a strong addition to your career portfolio—it clearly demonstrates to current and future employers that you possess advanced welding knowledge, essential to ensuring the highest levels of workmanship. Designed to provide an interesting and stimulating industrial perspective, the course is supported by a broad range of major industry groups and hundreds of Australian companies.

Online Course Delivery

The IWI B online course is run over a five-week period. The course includes a mixture of pre-recorded material, live online lectures, and a variety of other learning resources. All our presenters are International Welding Engineers or Technologists with extensive industry experience.



Course & Exam Costs

Course and exam cost details include:

- Modules can be paid for individually (conditions apply)
- Exams are not conducted as part of the course and incur an additional cost. You will need to enrol for exams separately by contacting Weld Australia. Please note that exams are held on a different date to the course
- Visit the Weld Australia website for current course costs: www.weldaustalia.com.au

Entry Requirements

The entry requirements for the IWI B course are:

- Training Pathway One (TP1): You must hold an IIW IWP; a national or state certificate in Engineering (or related discipline); or equivalent
- Training Pathway Two (TP2): Although you do not hold a formal qualification, you have relevant experience in the metal working profession

To confirm your eligibility, you will need to supply:

- Certified copies of qualifications and transcripts
- Resume detailing your welding experience

Diploma & Certification

Upon successful completion of this course, you will receive an IIW IWI B Diploma. Once you have three years experience, you can then apply to become a Weld Australia Certified Welding Inspector (CWI).

Course Content

The IWI B course is run online over five weeks, and includes at least ten live lectures and practical work. A minimum attendance rate of 90% is required. The course covers:

- ✓ General Introduction to Welding Inspection
- ✓ Mechanical Testing on Welded Joints
- ✓ Weld Imperfections
- ✓ Testing Methods
- ✓ Quality Assurance

Course Assessment

Examinations are conducted within three weeks of course completion, and include two parts: an online multiple-choice exam and an oral exam. If you applied through TP1, you must sit the B5 and C3 exams. If you applied through TP2, you must sit the WTB, B5 and C3 exams. To satisfy the IIW requirements for IWI B registration, you must achieve a minimum mark of 60%. You may need to re-sit exams (at an additional cost), but may do so only up to two times.

Further Information

For further information, or to enrol in a Weld Australia training course, please contact:

W: www.weldaustralia.com.au
E: training@weldaustralia.com.au
T: +61 2 8748 0100
A: Building 3, Level 3
20 Bridge Street
Pymble, NSW 2073



Weld Australia Training & Certification

Weld Australia delivers a comprehensive range of training and certification services, all of which are designed to help Australian welders and fabrication companies achieve and maintain a competitive advantage.

As the premier welding certification body in Australia, an International Institute of Welding (IIW) Authorised Nominated Body (ANB) and an Authorised Training Body (ATB), Weld Australia offers a range of individual certifications, including:

- ✓ Welding Inspector
- ✓ Welding Specialist
- ✓ Welding Technologist
- ✓ Welding Engineer
- ✓ AS1796 Welding Supervisor Certificate 10
- ✓ AS2214 Welding Supervisor

