



AICIP Information for Applicants

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In-service inspection and certification of boilers and pressure vessels is a requirement of the Work Health & Safety Act & Regulations; Australian Standards; and may be required by the Work Safe in your state or territory.

AICIP Certification is recognised nationally.

Being an AICIP certified inspector can expand your career options or job opportunities. The examinations assess your knowledge, skill, and capabilities to ensure integrity and safe inspections of plant and pressure equipment. AICIP Inspectors must comply with the [List of Competencies](#) and [Code of Ethics](#).

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Competency requirements

An applicant must demonstrate thorough knowledge, skill and abilities that the competencies listed in AICIP's Competencies for In-Service Inspectors of Pressure Equipment can be responsibly and consistently applied. [The AICIP List of Competencies can be downloaded here.](#)

- Competency “comprises knowledge and skills and the consistent application of that knowledge and skills to the standard of performance required in employment”. AICIP does not specify how competency is gained.
- Competent Person usually means “a person who has acquired through training, qualification, or experience, or a combination of these, the knowledge and skills enabling that person to perform the task required”.

Types of examinations

There are two types of inspectors for Boilers, Pressure Vessels and Pressure piping; In-Service Inspector and Senior In-Service Inspector.

In-Service Inspector sits Papers A, B & E

Paper A– prerequisite – general inspection – **3 hours**

Paper B– Application – Inspection practice for specific types of PE – **3 hours**

Paper E – Practical – Candidates are required to complete an inspection in a ‘real-life’ Scenario – **3 hours**

Senior In-Service Inspector

Paper C – Calculations – **1 hour and 30 minutes**

Paper D– Management – **2 hours**

Recertification

Paper F* – Recertification – applies for ISI and SISI inspectors assessing competency in the field.

* Paper F will only be applied at the discretion of AICIP where an application is considered incomplete or inadequate to enable assessment of the applicants continued competency.

The examinations are closed book. If reference material is required, information will be supplied by AICIP.

Examination questions may be multiple choice, short answer and/or essay type.

All the AICIP examinations are held by Weld Australia through their online platform, WeldQ. For further information, refer to Application Procedure on page 4.

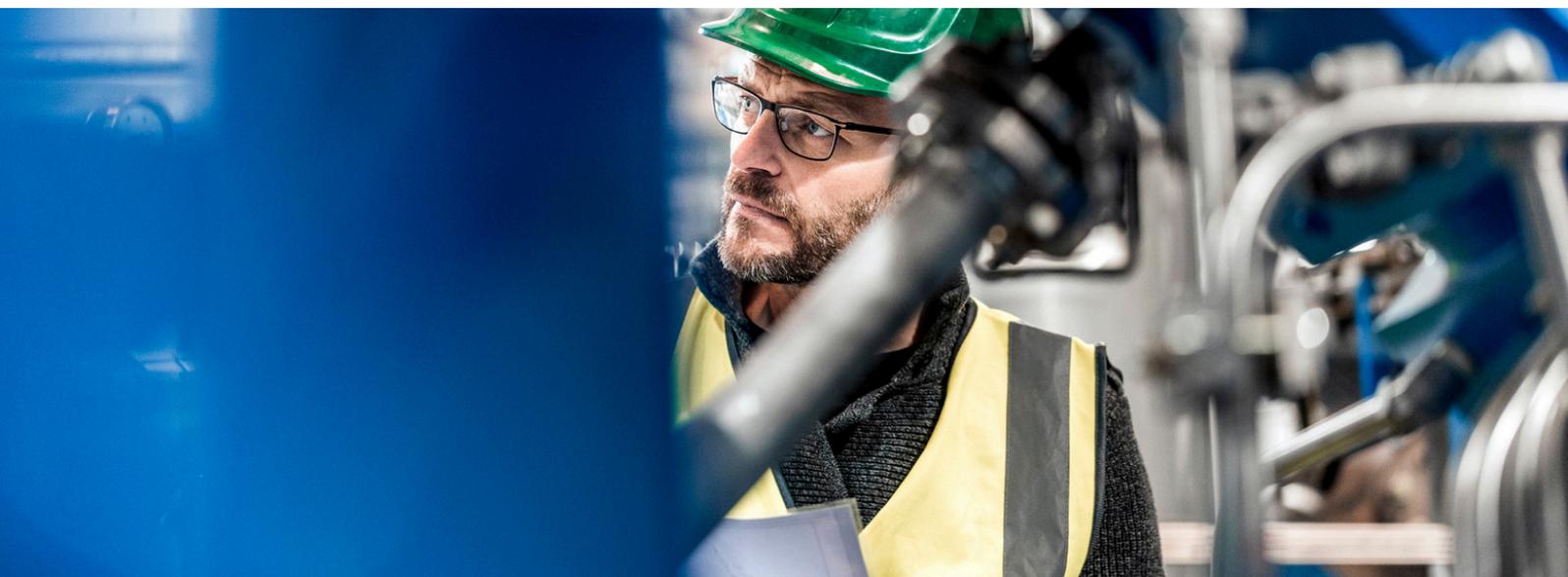
Suggested prior attributes of candidates

There are no prerequisites, prior qualifications, training and/or experience specified for AICIP In-Service Inspectors Examinations. However, candidates with insufficient industry experience will have difficulty passing the theoretical Paper B and Practical Paper E. To have a reasonable likelihood of demonstrating the required competency and passing the ISI examinations (and to limit cost), it is strongly recommended that applicants have at least the following:

- **Qualifications:**
 - Year 12 High School, a Trade Certificate or equivalent knowledge.
 - Knowledge of common pressure equipment types and terminology used in Australian Standards.
 - Basic mathematics ability, e.g. to calculate the volume, thickness and Hoop stress of a cylinder.
- **Training:** 100 hours formal, self, or on-the-job training in pressure equipment inspection and AS/NZS 3788:2024.
- **Experience:** Depending on qualifications and training, 5 years (full-time equivalent), including 2 years in inspection. Shorter times apply where qualifications and training are high, but experience should be sufficient to develop basic technical skills and good communication skills.
- **Personal:**
 - Ability to read, write and communicate orally in the English language.
 - Maturity and reliability.
 - Eyesight and hearing (with or without correction) and physical and mental ability to competently perform the proposed inspections.

* PE Knowledge - Understand the main technical inspection terms relating to pressure equipment

For SISI applicants, wider experience, calculation and technical ability are desirable in addition to the above.



Recommended study

It is recommended that all applicants review their knowledge and skills; both practical and theoretical. AICIP recommends all applicants consider their education, personal experiences, and review their knowledge of the applicable standards prior to applying to sit examinations.

AS/NZS 3788 is the main basis for the examinations and it references some parts of other Standards which maybe used for questions where relevant. Examples include:

- AS 4942 Pressure equipment – glossary of terms
- AS 1200 Pressure equipment
- AS 1210 Pressure vessels (primarily typical joint arrangements and general construction).
- AS 1228 Boilers (for main types of boilers and typical construction).
- AS 1271 Safety valves, other valves, liquid level gauges, and other fittings for boilers and pressure vessels (for terminology and basic requirements only).
- AS 2593 Boilers – Safety management, and supervision systems (for safety controls).
- AS 3873 Pressure equipment – Operation and maintenance (for owners' role in inspection).
- AS 3892 Pressure equipment – Installation (for inspection at installation).
- AS 4343 Pressure equipment – Hazard levels
- AS 4458 Pressure equipment – manufacture
- AS 3920 Pressure equipment – conformity assessment
- AS 4041 Pressure piping

Model WHS Laws: safe work Australia

Model Code of Practice: Confined spaces

Model Code of Practice: How to manage work health and safety risks

Model Code of Practice: Managing noise and preventing hearing loss at work

Model Code of Practice: Managing risks of plant in the workplace

Model Code of Practice: Managing the risk of falls at workplaces

AICIP does not conduct training courses but has provided feedback to training bodies as listed on [our website](#).

Application procedure

All new applicants will need to create an account on Weld Australia's online examination platform, WeldQ. Further information regarding registration and online application process can be found in the [AICIP Guide \(Rev.0\)](#).

Guide for sitting the exams

Before the examination

- All applicants are required to attend an onboarding session which provides candidates with the opportunity to explore the WeldQ interface and examination structure.
- All applicants are required to carefully review the following documents prior to undertaking the online examination:
 - [WeldQ Exam \(Rev.0\)](#)
 - [WeldQ Uploads \(Rev.0\)](#)

Suggestions for examinations

To perform effectively in your examination, please follow these recommended practices:

Before you begin:

- Read all instructions thoroughly to ensure a clear understanding of the requirements.
- Carefully read each question, identifying the type of response expected (e.g., list, identify, explain, report, assess, test, estimate, comment, criticise, calculate).
- Plan your time strategically, considering how much time to allocate to each section.
- For multiple-choice questions (if applicable), thoughtfully evaluate all answer options before making a selection.

During the exam:

- Identify key words in questions to clarify their focus and intent.
- Begin by answering the questions you are most confident in.
- Allocate your time in accordance with the marks assigned to each question.
- Attempt all questions—no marks are deducted for incorrect responses.
- Maximise your time efficiency by avoiding repetition of the question in your answer.
- Use accepted abbreviations where appropriate (e.g., PE = Pressure Equipment).

In the final minutes:

- Review your answers to ensure completeness and accuracy.
- Ensure that your figures or diagrams are legible.
- Check spelling and grammar to maintain clarity and professionalism in your responses.



Assessment

- Papers are assessed by AICIP approved examiners who are highly experienced in the exam subject. To ensure impartiality, candidates are known only by a WeldQ ID.
- Answers are assessed against a set of standard answers however, allowance is made for difficulty. No marks are deducted for poor spelling; layout; or writing; unless unreadable.
- Borderline marks are moderated by Weld Australia.
- To be awarded certification as an In-Service Inspector, candidates must achieve an overall average score of at least 70% across all three examination papers, with no individual paper scoring below 65%.
- Any paper in which a candidate achieves a mark of 70% or higher may be retained for up to 24 months and credited toward future re-examination attempts, if required. For certification at the Senior In-Service Inspector (SISI) level, candidates must obtain a minimum of 70% on each individual paper.
- All examination recordings will be reviewed by Weld Australia's Qualification and Certification Team prior to the release of results. In the event that any form of examination misconduct is identified during the review, the examination result will be deemed invalid. Depending on the severity and nature of the misconduct, the examinee may also receive a formal warning letter or be subject to further disciplinary action in accordance with Weld Australia's policies and procedures

Results

All results will be processed within 8 weeks from the last exam date.

All applicants will be notified of their results by a WeldQ generated email.

Certification

Each successful applicant will be issued a nationally recognised digital certificate by Weld Australia, on behalf of the AICIP.

An optional inspector's stamp is available upon request; however, this will incur an additional cost beyond the standard application fee.

Successful applicants will be included on the National Register of Certified Inspectors here:

<https://app.weldq.com/student/aicip-personnel-search>

Re-examination

Applicants who do not pass an examination are permitted to apply for a re-sit of the failed module. Re-sit applications must be submitted via WeldQ, following the instructions provided here:

[WeldQ Re-sit \(Rev.0\)](#)

Candidates can hold the successful results for a maximum of 2 years from the original examination (first date). Failure on third attempt means no papers can be held and candidate will be required to re-sit all papers again.

If an applicant is unable to complete the re-sit within the prescribed two-year period, they must contact Weld Australia at aicjp@weldaustralia.com.au. Requests for an extension will be referred to the AICIP Scheme Manager for review and determination.

Re-sit examination fees are equivalent to those charged for the initial attempt.

Re-mark

Applicants can apply for a re-mark of their examination Paper(s). Applicants will need to advise Weld Australia in writing within four (4) weeks from the receipt of your exam results. Remark application fee is \$495.00(GST inclusive).

Requests must be directed to gnc@weldaustralia.com.au.

Examination feedback

Candidates may submit a written request for a verbal feedback session within four (4) weeks of the release of examination results. Requests must be directed to aicjp@weldaustralia.com.au.

Feedback sessions will be conducted by an AICIP examiner approved by Weld Australia. Please note that candidates who receive feedback will not be eligible to request a remark of their examination paper.

A non-refundable fee of \$250 (GST inclusive) applies to this service.

Dates and fees

AICIP examination dates and fees are available on the AICIP website:

<https://aicip.org.au/examinations/>

- All required information and the applicable fees must be paid before an applicant can be considered. Online applications require all information to be entered and will not allow the applicant to progress without all the details.
- Application will not be progressed prior to the opening dates or after the closing dates listed on the AICIP website at: <https://aicip.org.au/examinations/>
- Weld Australia reserves the right to cancel or change the date of any exam due to insufficient applications or other reasons beyond its control, and reserves the right to refuse enrolment at its discretion.

Certification renewal and re-certification

AICIP Certification is valid for five years. To be eligible for a renewal of AICIP Certification, two months before their expiration date, an applicant must provide the below documentation through WeldQ:

- Minimum 5 inspection reports (may be redacted)
- A letter from past/current employer or customer detailing the work undertaken
- Fee paid

Technical requirements:

- Continual Professional Development equal to or more than 100h in three years
- 24 or more equivalent full-time months inspection
- 3 or more different types of pressure vessel equipment inspected

Submission of renewal documentation

Applicants must submit their online application via WeldQ upon receipt of the automated reminder email, which is issued two month before the application due date. Weld Australia Q&C Administration will review the application, ensuring all details and supporting documentation are provided. The application will subsequently be assigned to an AICIP Assessor for evaluation through the WeldQ system. Applications will only be assessed if all information is provided. For further information regarding the renewal/recertification applications and fees, please visit:

<https://aicip.org.au/examinations/>



Further Information

aicip.org.au

1800 189 900 (Option 2)

aicip@weldaustralia.com.au

Suite G1, 25 Ryde Road, Pymble, NSW 2073

