



**IRRIGATION
AUSTRALIA**

CERTIFICATION

IRRIGATION
TRAINING
AUSTRALIA

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RTO: 91313

Get Recognised For Your Skills & Knowledge

DEMONSTRATES YOUR EXPERTISE AND COMMITMENT TO EFFICIENT WATER MANAGEMENT,
ADDS INSTANT CREDIBILITY WITH CUSTOMERS AND INCREASES JOB OPPORTUNITIES.



**CERTIFICATION
FOR IRRIGATION
DESIGNERS**



**CERTIFICATION
FOR IRRIGATION
PROFESSIONALS**
(6 disciplines)



**CERTIFICATION FOR
METER INSTALLER
& VALIDATOR**

What is Certification

Certification is a national program of industry recognition. Certification is a license earned by a person to certify that he or she is qualified to perform a job. Certification indicates that the individual has a minimum set of knowledge, skills, or abilities in the view of the certifying body to perform their job to the satisfaction of water managers and customers.

WHY BECOME CERTIFIED?

The Certification grants you a point of difference in the marketplace. Irrigation Australia Certification Program is highly regarded by customers to provide a service that meets or exceeds the average industry standards. Many state & local governments around Australia require that irrigation jobs are designed and completed by Certified Irrigation Designers & Professionals.

By becoming Certified you gain access to the following unique materials:

- Certification Logo to use on your print and digital materials
- Unique ID number for your chosen discipline
- Tool Kit providing a variety of marketing materials
- Listing in the printed A4 Irrigation Directory under specific discipline
- Full contact listing under specific discipline on the Irrigation Australia website search engine



SCAN QR CODE TO WATCH OUR CERTIFICATION VIDEO

Certified Irrigation Designer



Certified Irrigation Designers have the technical expertise and an up-to-date understanding of the latest water management practices to design, install, manage and maintain a wide variety of irrigation systems.

ABOUT THE PROGRAM

The Certified Irrigation Designer (CID) program is owned by the Irrigation Association (USA) and is exclusively licensed to Irrigation Australia. The certification is exam based. All marking and grading of exams are done in the USA. More than one speciality can be obtained.



Agriculture Path:

- CERTIFIED IRRIGATION DESIGNERS PATHS:
- Drip Micro Irrigation
- Surface Irrigation

Landscape/Turf Path:

- Sprinkler Irrigation
- Commercial Irrigation
- Golf Course Irrigation

HOW TO BECOME A CERTIFIED IRRIGATION DESIGNER

Step 1: Gain 1 Year Field Experience

Gain practical field knowledge working in irrigation installation or operation within agriculture or landscape applications. Complete the Certified Irrigation Designer application form.

Step 2: Pass the Prequalification Exam:

Achieve a minimum of 70% pass mark to continue your application process.

Step 3: Pass the General Exam:

Gain at least 3 years practical experience in the irrigation industry, Pass the irrigation designer exam and achieve the pass mark of 65% to proceed. You have to choose between Agriculture pathway or Landscape & Turf Pathway

Step 4: Pass Speciality Exam:

Achieve the pass mark of 70% in the speciality exam. Choose between Drip-Micro Irrigation, Surface Irrigation, and Sprinkler Irrigation specialities for Agriculture Pathways. Choose between Commercial Irrigation or Golf Course Irrigation for Landscape & Turf pathway

You are now a qualified and internationally recognised Certified Irrigation Designer for projects in the speciality you selected. Your goal now is taking all your knowledge and experience into practice. You have to maintain your certification by being active in the industry by earning the required CPD points in the required timeframe.

This Certification program is owned by the Irrigation Association, USA and is Internationally recognised



Certified Irrigation Agronomist



If you're a practising agronomist and have particular skills in irrigation then you may be eligible to become a Certified Irrigation Agronomist. You'll most likely have a qualification in another discipline such as agriculture, horticulture or agronomy. You currently provide advice to end-users on system types, purchase and use. You may also troubleshoot, evaluate audit irrigation systems. The certification grants you a point of difference in the market and a Certified Irrigation Agronomist is highly regarded by customers to provide a service that meets or exceeds the average industry standards.

INDUSTRY EXPERIENCE

Essential: Three years relevant and documented experience as an adviser, consultant, or irrigation system manager.

Desirable: Qualifications in agriculture, horticulture, agronomy or irrigation.

SKILLS AND KNOWLEDGE

To become a Certified Irrigation Agronomist (CIAg) you'll need to prove that you can meet six (6) of the following nine (9) competencies.

1. **AHCIRG402** Determine hydraulic parameters for an irrigation system
2. **AHCIRG404** Implement an irrigation-related environmental protection program
3. **AHCIRG408** Schedule irrigations
4. **AHCIRG410** Select and manage pumping systems for irrigation
5. **AHCIRG501** Audit irrigation systems
6. **AHCIRG502** Design irrigation system maintenance and monitoring programs
7. **AHCIRG504** Develop an irrigation and drainage management plan
8. **AHCWRK509** Provide specialist advice to clients
9. **AHCSOL401** Sample soils and interpret results

OTHER STATEMENTS OF ATTAINMENT THAT HAVE SIMILAR SKILLS AND KNOWLEDGE WILL BE CONSIDERED

Certified Irrigation Contractor



If you're currently working as an irrigation contractor managing the installation process of irrigation systems post design, then you may be eligible to become a Certified Irrigation Contractor. While you may also do designs, this certification does not cover design skills. As a project contractor you'll have responsibility for how irrigation systems are installed and maintained, while seeking to understand client needs. You will use best practise in the installation and use of irrigation systems, and you'll understand the regulations in regards to water access and use. You can recognise and minimise the environmental impacts of irrigation. The certification grants you a point of difference in the market and a Certified Irrigation Contractor is highly regarded by customers to provide a service that meets or exceeds the average industry standards.



INDUSTRY EXPERIENCE

To apply for the certificate you'll need to be actively working in the industry, plus have three years relevant experience that includes:

- Installing irrigation systems as per drawings in the design
- Operating irrigation systems
- Maintaining and troubleshooting irrigation systems
- Sampling and analysing soils
- Coordinating installation activities
- Operating equipment such as backhoes/loaders/ graders and levelling equipment

SKILLS AND KNOWLEDGE

To become certified you'll need to prove that you can meet at least five (5) of the following seven (7) competencies:

1. **AHCIRG402** Determine hydraulic parameters for an irrigation system
2. **AHCIRG404** Implement an irrigation-related environmental protection program
3. **AHCIRG415** Interpret and apply irrigation designs
4. **AHCIRG431** Supervise irrigation system installation
5. **AHCIRG432** Supervise irrigation system maintenance
6. **AHCWRK405** Implement and monitor environmentally sustainable work practices
7. **AHCSOL401** Sample soils and interpret results

OTHER STATEMENTS OF ATTAINMENT THAT HAVE SIMILAR SKILLS AND KNOWLEDGE WILL BE CONSIDERED

Certified Irrigation Installer



If you're currently installing, troubleshooting, upgrading or repairing irrigation systems, then you may be eligible to become a Certified Irrigation Installer. You may work on your own or you may be responsible for a small team. You will currently use best practise when installing a system, and can recognise and minimise the environmental impacts of irrigation. The certification grants you a point of difference in the market and a Certified Irrigation Installer is highly regarded by customers to provide a service that meets or exceeds the average industry standards.

INDUSTRY EXPERIENCE

To apply for the certificate you'll need to be actively working in the industry, plus have three years relevant experience that includes:

- Installing irrigation systems
- Preparing for installation works
- Maintaining irrigation systems

SKILLS AND KNOWLEDGE

To become certified you will need to prove you can meet the requirements of five (5) of the eight (8) competencies listed below: This must include one, but up to two Installation units:

1. **AHCIRG303** Measure irrigation delivery system performance
2. **AHCIRG306** Troubleshoot irrigation systems
3. **AHCIRG308** Monitor soils under irrigation
4. **AHCIRG309** Install irrigation pumps
5. **AHCIRG315** Interpret irrigation plans and drawings
6. **AHCIRG331** Install pressurised irrigation systems
7. **AHCWRK405** Implement and monitor environmentally sustainable work practices
8. **AHCINF304** Install and terminate extra low voltage wiring systems

OTHER STATEMENTS OF ATTAINMENT THAT HAVE SIMILAR SKILLS AND KNOWLEDGE WILL BE CONSIDERED



Certified Irrigation Manager



If you are currently a farmer, farm manager, parks superintendent or turf manager responsible for applying water in irrigation systems you may be eligible to become a Certified Irrigation Manager. You will currently be implementing best practice in irrigation and water use and can recognise and minimise the environmental impacts of irrigation. The certification grants you a point of difference in the market and a Certified Irrigation Manager is highly regarded by customers to provide a service that meets or exceeds the average industry standards.



INDUSTRY EXPERIENCE

To apply you'll need to be actively working in the irrigation industry, plus have three years relevant experience that includes:

- Operating irrigation and drainage systems
- Identifying and troubleshooting problems
- Measuring and monitoring system performance

SKILLS AND KNOWLEDGE

To become certified you'll need to prove you can meet the requirements of five competency units as listed: This must include one, but up to two Manage units (either **AHCIRG410** and **AHCIRG433**).

1. **AHCIRG402** Determine hydraulic parameters for an irrigation system
2. **AHCIRG404** Implement an irrigation-related environmental protection program
3. **AHCIRG408** Schedule irrigations
4. **AHCIRG410** Select and manage pumping systems for irrigation
5. **AHCIRG415** Interpret and apply irrigations designs
6. **AHCIRG433** Manage irrigation systems
7. **AHCSOL401** Sample soils and interpret results
8. **AHCIRG432** Supervise irrigation system maintenance

OTHER STATEMENTS OF ATTAINMENT THAT HAVE SIMILAR SKILLS AND KNOWLEDGE WILL BE CONSIDERED

Certified Irrigation Operator



If you're currently working on an irrigation system and you're responsible for the efficient and sustainable use of irrigation water, then you may be eligible to become a Certified Irrigation Operator. The certification grants you a point of difference in the market and a Certified Irrigation Operator is highly regarded by customers to provide a service that meets or exceeds the average industry standards.

INDUSTRY EXPERIENCE

To apply you'll need to be actively working in the irrigation industry, plus have three years relevant experience in assisting with the operation and maintenance of irrigation systems.

SKILLS AND KNOWLEDGE

To become certified you'll need to prove you can meet the requirements of five (5) of the following eight (8) competency units.

1. **AHCIRG303** Measure irrigation delivery system performance
2. **AHCIRG306** Troubleshoot irrigation systems
3. **AHCIRG308** Monitor soils under irrigation
4. **AHCIRG327** Implement an irrigation schedule
5. **AHCIRG332** Operate pressurised irrigation systems
6. **AHCIRG333** Maintain pressurised irrigation systems
7. **AHCWRK405** Implement and monitor environmentally sustainable work practices
8. **AHCINF304** Install and terminate extra low voltage wiring systems

OTHER STATEMENTS OF ATTAINMENT THAT HAVE SIMILAR SKILLS AND KNOWLEDGE WILL BE CONSIDERED



Certified Irrigation Retailer



To become a successful Certified Irrigation Retailer you will be expected to be actively working in an irrigation retail business, using your substantial knowledge of irrigation hydraulics, pumps and components to understand and meet the needs of your customers. The certification grants you a point of difference in the market and a Certified Irrigation Retailer is highly regarded by customers to provide a service that meets or exceeds the average industry standards.

INDUSTRY EXPERIENCE

On application you will be working in the retail sector of the irrigation industry and have 2 years relevant industry experience.

SKILLS AND KNOWLEDGE

Certification has been aligned with the national irrigation qualifications to provide a standard, accepted way to describe and recognise skills and knowledge.

As a Certified Irrigation Retailer you will be able to prove that you can meet four (4) of the following five (5) competencies:

1. **SIRXPDK001** Advice on products and services
2. **AHCMER304** Recommend irrigation products and services
3. **SIRRMER003** Coordinate visual merchandise presentation
4. **SIRXCEG003** Build customer relationships and loyalty
5. **AHCMER407** Provide irrigation sales and service



OTHER STATEMENTS OF ATTAINMENT THAT HAVE SIMILAR SKILLS AND KNOWLEDGE WILL BE CONSIDERED



Certified Meter Validator



If you are currently installing and certifying irrigation water meters for agriculture or commercial fields you may be eligible to become a Certified Irrigation Meter Validator. The certification grants you a point of difference in the market and a Certified Irrigation Meter Validator is highly regarded by customers to provide a service that meets or exceeds the average industry standards.

APPLYING FOR METER VALIDATOR CERTIFICATION

To apply you'll need to be actively working in the irrigation industry, plus have three (3) years relevant experience that includes:

- Operation of irrigation and drainage systems
- Installation of flow measurement devices
- Identifying and troubleshooting problems
- Measuring and monitoring system performance

OBTAINING CERTIFICATION

To become Certified, you'll need to prove that you can meet the requirements of the following six (6) competencies (or equivalent):

1. **NWPIR014** Install meters for rural water supplies
2. **NWPIR022** Maintain meters for rural water supplies
3. **AHCWHS301** Contribute to work health and safety processes
4. **NWGEN003** Apply environmental and licensing procedures of the water industry
5. **NWPNET002** Prepare and restore work site
6. **NWPNET011** Locate, identify and protect utilities

Irrigation Australia strongly recommend that you obtain **NWPIR014** and **NWPIR022** through an approved training course - Irrigation Australia run these programs frequently.



How to Apply & Ongoing Commitment

To prove these competencies you have to get a Statement of Attainment for each of your nominated competencies from a relevant Registered Training Organisation (RTO). Irrigation Australia operates its own RTO - Irrigation Training Australia. To search for RTOs, go to www.training.gov.au

COMPETENCIES MAY BE GAINED THROUGH:

- Face-to-face: course work is usually conducted in a classroom situation
- On-the-job training: training conducted in the workplace
- RPL – recognition of prior learning: both formal and informal learning is assessed toward a qualification.

TO APPLY

1. Complete the online application form (at the Irrigation Australia website) including your work history
2. Attach Statements of Attainment or academic transcripts covering the relevant competencies that you have already achieved (Do not send your originals. Send "sighted" copies which have been verified by a JP as an accurate copy of the original).
3. If you have no academic records you can apply for RPL (recognised prior learning) based on your work experience (at an additional cost), simply indicate this on the application form for a team member to work through this process with you
4. Pay the relevant fee on submission of the application form online

ONGOING COMMITMENT TO BEST PRACTICE

Once you become Certified you'll need to keep your skills and knowledge current by participating in a range of irrigation-related activities. Continuing Professional Development (CPD) Points will be earned for each type of activity and at the end of two years, provided sufficient points have been earned, you can apply for renewal of your certificate.

CERTIFICATION FEES

Fees for attaining certification, and for the biennial (CIP) and annual (CID) renewal, are available from the Irrigation Australia website

www.irrigationaustralia.com.au/certification/certification



CERTIFICATION HELPS LIFT THE SKILLS, KNOWLEDGE, AND STANDARDS OF THE WHOLE INDUSTRY.
IRRIGATION AUSTRALIA IS WORKING TOWARDS A FUTURE WHERE ALL IRRIGATION SYSTEMS ARE:

- Developed by Certified Irrigation Designers
- Installed by Certified Irrigation Contractors or Installers
- Overseen by Certified Irrigation Operators or Managers
- Supplied by Certified Irrigation Retailers
- Based on soil & crop advice given by Certified Irrigation Agronomists

