



CERTIFICATION IN THE IRRIGATION INDUSTRY

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Hort Connections Conference

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OBJECTIVES

- Introduction
- Why Certification?
- IAL Certification Program
- Benefits Of Certification
- Summary

INTRODUCTION

INTRODUCTION

- Bachelor of Technology in Mechanical Engineering
- IAL Certified Irrigation Designer, ADM2570, LTC2570 & ASP2570
- Diploma in Irrigation RTE50203
- Current chairman of Irrigation Australia Certification Board



Gennaro has been involved in the designing, specifying and project managing, landscape, greenhouse and agricultural irrigation systems within Australia and New Zealand for the past 20 years.

WHY CERTIFICATION?

WHY CERTIFICATION?

- We Appoint Licensed or Endorsed Engineers, Plumbers Or Other Technical Professionals, Assessed By Their Respective National Organizations As Having The Right Skills, Experience And Knowledge To Perform A Specific Task Or Job Efficiently
- Why Not Appoint An IAL Certified Designer Or Professional Who Has The Technical Expertise And Up To Date knowledge Of The Latest Water Management, Installation And Irrigation System Design Practices

WHY CERTIFICATION?

- The IAL Is Working Towards A Future For Irrigation In Australia Where All Irrigation Systems Are:
 - developed by Certified Irrigation Designers
 - installed by Certified Irrigation Contractors or Installers
 - run by Certified Irrigation Operators or Managers, with
 - product advice from Certified Irrigation Retailers and Agronomists.

WHY CERTIFICATION?

- The Certification Board Was Brought Together To Assist The IAL In Achieving Their Goal Of National Certification
- The Function Of Certification Board Is To Provide Governance Of And A Quality Assurance Process For IAL's Certification Programs

WHY CERTIFICATION?

- IAL Regulate The National Certification Program
- Differentiating Good Operators From Poor Operators
- Providing Client/End User With Confidence About The Service And Competency Level Of An Individual
- Set Minimum skillset, knowledge & Experience Requirement
- CPD (Continued Professional Development) ensures ongoing training and updating of an individuals skills

WHY CERTIFICATION?

- Code Of Conduct For Certified Irrigation Professionals
 - Implement Base Principles
 - Protect the Integrity of the Certification Brand
 - Maintain the Integrity and Image of the Whole Industry
 - Interact Professionally with Customers and the Public
 - Comply with Legislation, Regulations and IAL endorsed Standards
 - Contribute to Environment Protection
 - Maintain Records for Auditing under the Certification Framework

WHY CERTIFICATION?

- Formal Complaints Procedure
- Certification Dispute Resolution Process
 - A Clear Procedure And Process That Can Be Followed By An Individual, Client or End User Who Has A Legitimate Claim To A Certified Professional Undertaking Below Industry Best Practice Service, design or installation

IAL CERTIFICATION PROGRAM

IAL CERTIFICATION PROGRAM

- Certified Irrigation Designer
 - Exam Based
 - International Recognition
- Other Certified Irrigation Professionals
 - Based On Accredited Skill Set Plus Experience
- Both CID & CIP Require
 - Continuing Professional Development To Retain
 - Minimum 3 Years Industry Experience To Obtain Certification

IAL CERTIFICATION PROGRAM

- Certified Irrigation Designer (CID)
 - Exam Based
- One Year Experience Required Before Beginning The Application
- Three Years Experience Required Before Completing Final Exam

BECOME A CERTIFIED IRRIGATION DESIGNER

Welcome to the Irrigation Australia's (IAI) Certification Program. If you're currently designing irrigation systems that are efficient and sustainable, then you may wish to become a Certified Irrigation Designer.

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

How to become a Certified Irrigation Designer
Step 1: Complete the Step 1 Application Form
Requires a minimum of 1 years experience in an irrigation related field.
Step 2: Industry Prequalification Exam
After acceptance into the CID program complete the Step 2 application form to sit the industry prequalification exam.
Step 3: General Exams
3 years industry experience is required together with a pass in the Step 2 Exam. Complete the Step 3 application form to sit either:
• Agricultural Irrigation or
• Landscape/Turf Irrigation
Step 4: Specialty Exams
The Step 3 General Exam determines from which area the Step 4 specialty exam can be chosen. (More than one specialty that can be obtained.)
Pass in Agricultural Irrigation provides a choice of:
• Drip Micro Irrigation or
• Surface Irrigation or
• Sprinkler Irrigation
Pass in Landscape/Turf Irrigation provides a choice of:
• Commercial Irrigation or
• Golf Course Irrigation

Ongoing commitment to best practice
Once you become a Certified Irrigation Designer you'll need to keep your skills and knowledge current by participating in a range of irrigation-related activities. Points will be earned for each type of activity, and at the end of each year, provided sufficient points have been earned, you can apply for renewal of your certification.

Costs

Step Description	Fee \$ Inc GST	Member	Non Member
1 Application	150		300
2 Prequalification Exam	350		700
General Agriculture Exam	350		700
3 General Landscape/Turf Exam	380		700
General Agriculture Exam			700
Drip Micro/Surface/Sprinkler Exam	350		700
4 Landscape/Turf Golf Exam			1,100
Landscape/Turf Commercial Exam	500		1,100
Annual renewal \$110			

For more detailed information about Certification contact:
Irrigation Australia Ltd
PO Box 1804 Hermannsburg NT 1345
Phone: 02 9476 0142
Fax: 02 9476 0292
Email: certification@irrigation.org.au
Or visit our website www.irrigation.org.au
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  The certification program has been developed with funds provided by the Department of Agriculture, Fisheries and Forestry under the National Landcare Program.

IAL CERTIFICATION PROGRAM

- CID Four Step Process

- Step 1 – Application (1 Year Experience Req'd)
- Step 2 – General Irrigation Exam
- Step 3 – General Specialty Exam
 - Agriculture
 - Landscape
- Step 4 – Specialty Exam In Either Ag or Landscape
 - Agriculture: AG Drip Micro, Sprinkler or Surface
 - Landscape: Landscape Turf Commercial or Golf



IAL CERTIFICATION PROGRAM

- Certified Irrigation Designer (CID)
 - This Is A Knowledge Based Certification Program Run And Administered By Irrigation Australia Ltd (IAL)
 - The Program Has Been Running Since 1994 And It Is The Only Design Specific, Formal Recognition For Irrigation Design Knowledge In Australia.
 - It Is Based On The United States CID System, With All Exams Being Marked And Graded In The USA
 - This Brings With It International Recognition



IAL CERTIFICATION PROGRAM

- Other IAL Certifications (CIP)
 - Certified Agronomist
 - Certified Contractor
 - Certified Installer
 - Certified Manager
 - Certified Meter Validator
 - Certified Operator
 - Certified Retailer

HOW TO BECOME A CERTIFIED IRRIGATION RETAILER

Welcome to Irrigation Australia's (IAL) Certification Program.

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.

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 of the following six competencies:

1. SIRXCS002A - Advise on products and services
2. AHCWRK208A - Provide information on products and services
3. AHCIRG402A - Determine hydraulic parameters for an irrigation system
4. AHCIRG307A Recommend Irrigation products and services
5. SIRMER002A - Coordinate merchandise performance
6. SIRXSL004A - Build relationships with customers

These skills may be gained through:

- training courses such as the Irrigation Australia Essentials course
- face-to-face training
- distance learning
- on-the-job learning
- Recognition of Prior Learning (RPL)

Other Statements of Attainment with similar skills and knowledge will be considered.

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

Ongoing commitment to best practice

Once you become a Certified Irrigation Retailer you'll need to keep your skills and knowledge current by participating in a range of irrigation-related activities. 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.

To apply

Once you have Statements of Attainment or an academic transcript covering the relevant competencies from an RTO, fill out the IAL certification application form (available from the IAL website) with your work history and attach "sighted" copies of your documents and return to IAL with the certification fee. Sighted copies are those that are verified by a JP as an accurate copy of the original. Please do not send in your originals.

Costs

Certification fee	Member price \$291.50	Non Member price \$423.50
Biennial renewal	Member price \$220	Non Member price \$330

For more detailed information about Certification contact:

Irrigation Australia Ltd
PO Box 863 Mascot NSW 1460
Phone: 02 8335 4000
Fax: 02 8335 4099
Email: certification@irrigation.org.au

Or visit our website www.irrigation.org.au
June 2013

IAL CERTIFICATION PROGRAM

- Pathway To Certified Irrigation Professional
 - Complete Training Through Register Training Provider (RTO)
 - Recognition Of Existing Skills, Experience And Prior Learning (RPL) by an RTO
 - Involvement In Other Programs And Short Courses Deemed Equivalent By RTO or IAL
 - Any Combination Of The Above



IAL CERTIFICATION PROGRAM

- RPL For Certification
 - Certified Irrigation Designer (CID) Cannot Be Achieved Via RPL Only By Passing Exams
 - All Other CIP Can Be Achieved By RPL
 - RPL Via Desk Audit, Combination Of Online Phone And Paper Evidence Of Skills/Exp
 - Evidence Collected By Interview
 - Via Easy To Follow Checklist/Process



IAL CERTIFICATION PROGRAM

- Maintaining Certification:

- To Maintain Certification A CID or CIP Must:

- Provide Evidence Of Continuing Professional Development To Maintain Currency
 - Adhere To A Specific Code Of Conduct
 - Pay An Annual Fee

IAL CERTIFICATION PROGRAM

- Certification Numbers *(As At Jan 2017)*
 - Certified Meter Installers (CMI) 253
 - Certified Irrigation Designers (CID) 104
 - Includes All Disciplines of CID Ag & Landscape
 - Certified Irrigation Professional (CIP) 53
 - Includes All Other Certification Disciplines, Installer, Operator, Contractor, Retailer, Manager and Agronomist

BENEFITS OF CERTIFICATION

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- Benefits For The Individual
 - Provides A Documented Career Pathway
 - Certification, Training, Knowledge
 - Business Compliance e.g. Insurance
 - Add Instant Credibility
 - Business Edge
 - Professionalism, Skills, Training
 - Access To Work & Increasing Job Opportunities

BENEFITS OF CERTIFICATION

- Benefits For The Industry
 - Improving Professionalism And Quality
 - Improving Efficiencies And Environmental Outcomes
 - Providing Piece of Mind When Contracting Or Employing a Certified Professional and Creating Individuals With The Right Skills And Experience
 - Providing Certainty Through Certification

BENEFITS OF CERTIFICATION

- **Why Use A CID or CIP**
 - A Certified Irrigation Designer Has Demonstrated, By Going Through The CID Process, That They Have The Knowledge Required To Prepare An Irrigation System Design
 - A Certified Designer Is Recognised By The Industry, And By Their Peers, As Having That Knowledge
 - A Certified Designer Must Maintain Currency By An Annual Renewal And A Continuing Professional Development Process

BENEFITS OF CERTIFICATION

- **Why Use A CID or CIP**
 - To Distinguish Who Does, And Who Does Not, Have The Knowledge In A Specialist Area
 - Engaging A Designer Who Has A Demonstrated Knowledge And Experience Will Reduce The Risk Of Ending Up With A System That Does Not Meet Your Expectations
 - A Properly Designed And Installed System Will Be Cost Effective

SUMMARY

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- Certification Of Irrigation Professionals:
 - Improves Standards & Professionalism
 - Maintains Quality
 - Benefits The Client, End User And The Individual
- IAL Certified Professionals Are Committed To Staying On The Cutting Edge Of The Irrigation Technology And Water Management By Continuing Their Education & Training Through IAL Rigorous Certification Renewal Process

THANK YOU



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