



# IRRIGATION INDUSTRY ASSOCIATION OF B.C.

IIABC 205 – 2469 Montrose Avenue, Abbotsford BC V2S 3T2  
P: 604- 556-1791 E: iiabc@irrigationbc.com W: irrigationbc.com

## **Certified Irrigation Designer (CID) – Landscape Drip Certification Program**

### **Course Outline**

#### **1. Introduction**

The Landscape Drip Certification program, offered by the Irrigation Industry Association of British Columbia (IIABC), is designed for professionals specializing in drip irrigation design for landscaping applications. This certification focuses on the principles and practices of drip irrigation systems used in landscape settings such as residential, commercial, and public spaces.

This is an independent self-study program, and candidates can take the exam once they feel prepared. Landscape Drip Certification follows the same registration, certification, and examination process as other CID programs.

#### **2. Program Objectives**

- To establish high-quality design standards for landscape drip irrigation systems.
- To ensure individuals demonstrate expertise in designing efficient and sustainable landscape drip irrigation systems.
- To enhance water conservation and sustainability in landscape irrigation.
- To provide professional certification and recognition for qualified landscape drip irrigation designers.

#### **3. Eligibility Criteria**

To qualify for the Landscape Drip Certification program, applicants must meet the following requirements:

- Be a member of IIABC or work for a member company.
- Have at least one year of field experience in irrigation design.
- Successfully complete the required study program as determined by the certification board.
- Successfully pass the Landscape Drip Certification examination.

#### **4. Program Content**

The Landscape Drip Certification program covers the following key areas:

##### **4.1 Drip Irrigation System Design Principles**

- Understanding the components of landscape drip irrigation systems.
- Water source identification, pressure considerations, and system sizing for landscape applications.
- Selection of pipes, fittings, emitters, and valves appropriate for drip irrigation systems.

##### **4.2 Soil and Plant Water Requirements**

- Understanding soil types and their impact on water distribution in landscaping.
- Calculating plant water requirements based on evapotranspiration rates and climatic factors.
- Designing irrigation systems for varying plant needs.

##### **4.3 Water Conservation Strategies**

- Best practices for designing water-efficient landscape drip irrigation systems.



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- Implementing sustainable irrigation technologies, such as soil moisture sensors and smart controllers.
- Integrating irrigation systems with broader landscape and sustainability goals.

### 4.4 Installation, Maintenance, and Troubleshooting

- Best practices for installing landscape drip irrigation systems.
- Maintenance strategies to ensure long-term system efficiency.
- Troubleshooting and resolving common issues in landscape drip irrigation systems.

## 5. Examination and Certification Process

### 5.1 Exam Registration

To register for the Landscape Drip Certification exam, candidates must:

- Download and complete the Certification Program Application Form.
- Submit the completed form along with payment to the IIABC office via email at iiabc@irrigationbc.com.
- Study the course material provided by IIABC (including the BC Trickle Irrigation Manual and the Landscape Drip Irrigation Course material).
- Schedule and take the exam when ready.

### 5.2 Exam Format

- The CID exam is a four-hour, open-book test.
- The passing grade is 75%.
- If unsuccessful, candidates may rewrite the exam for a fee of \$350 (+GST).

### 5.3 Certification Award

Upon successful completion of the Landscape Drip Certification program, candidates will receive:

- A certificate recognizing successful completion of the certification.
- A digital seal registered with IIABC, available for official use (\$50 + GST).
- Recognition on the IIABC website as a Certified Landscape Drip Designer.

## 6. Program Costs

- **Landscape Drip Certification Exam:** \$775.00 + GST
- **Exam Rewrite Fee:** \$350.00 + GST
- **Annual Certification Fee:** \$50.00 per year (to maintain certification with the annual membership).

## 7. Course Materials

Candidates will need the following study materials for the Landscape Drip Certification:

- **Landscape Drip Irrigation Course Material:** This serves as a resource guide for the certification.

## 8. Certified Designer Recognition

Upon successful completion of the program, the Landscape Drip Certified Designer will receive:

**MEMBER OF THE IRRIGATION ASSOCIATION**



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- A certificate of completion.
- A custom digital designer seal, registered with IIABC, to be used for official plans.
- The use of the CID trademarked logo.
- An option to purchase a custom rubber seal CID society stamp with the designer's name.

The certified designer will also be listed in the IIABC certification database, available on the IIABC website.

### 9. Continuing Education and Certification Maintenance

To maintain certification, Landscape Drip CID designers must:

- Remain members of IIABC in good standing and pay the annual certification fee of \$50.00.
- Stay informed of industry developments.
- Submit Continuing Education Units (CEUs) as required by IIABC.

### 10. Reinstatement of Certification

- If certification lapses for up to 1 year, the designer must pay past-due fees and meet CEU requirements.
- If certification lapses for more than 1 year, re-examination may be required.

### 11. Recognition of Equivalent Certifications

IIABC recognizes certain certifications from The Irrigation Association (IA). Members with IA certifications may be eligible for equivalency recognition.