

CISEC, Inc. administers an international certification program that recognizes the abilities, skills, experience, and knowledge of inspectors who have demonstrated their proficiency in observing, inspecting, and reporting on the implementation of erosion and sediment control measures.

## ***Mission Statement***

To provide an inspector certification program for individuals that:

- Demonstrate comprehensive knowledge in the principles and practices of sediment and erosion control and their applicability to the development of erosion and sediment control plans.
- Demonstrate the necessary skills to observe onsite and offsite conditions that impact the quality of storm water discharges from active construction sites.



- Demonstrate the ability to inspect installed best management practices and their ongoing maintenance to determine if the mitigation measures will minimize the discharge of sediment and other pollutants from active construction sites.
- Demonstrate the ability to communicate and report on their inspection of active construction sites as to whether compliance issues may exist with federal, provincial and/or local regulators.



## ***2-Day Training Course***

**Day 1 8:00 am – 4:30 pm**

**Day 2 8:00 am to 12:00 pm**

Attendance in the training course is not required before taking the comprehensive certification examination. The course fee is \$500.00 + tax which includes a copy of the training manual and lunch on both days. Throughout the 1.5-day course, the following modules will be discussed.

### **Module 1**

#### **Background Information for Inspectors**

- Key Definitions
  - Erosion, sediment and sedimentation
- Understanding Topographic Maps
- Why Hydrology is Important
  - Hydrographs and sedimentation
  - Watersheds and discharge points
- Understanding Erosion and Sediment Control Plans (reports and drawings)
- Inspector responsibilities before and during construction
- Purpose of Inspections
- Inspection reports
- Documentation and Communication
- Code of Ethics

### **Module 2**

#### **Inspecting Best Management Practices**

- Inspecting
  - Barriers
  - Check structures
  - Drains and inlets
  - Sediment Containment Systems
  - Other temporary sediment control measures
  - Erosion control practices
  - Hazardous waste material sites



### **Module 3**

#### **Regulations and Compliance**

- Federal Legislation
- Provincial Legislation
- Legal Liability
- Due Diligence
- Non-Compliance
- Reporting Spills

### **Module 4**

#### **Conducting Site Inspections**

- Inspecting Construction Sites for a Client - classroom exercises in reviewing ESC plans and reports



## **Certification Examination Day 2 (1:00 pm to 5:00 pm)**

*Applicants must apply and be approved to write the certification exam. Approval is based on a combination of work experience and educational background. Attendance at the training course is not required to take the exam. The non-refundable exam fee is \$250 + tax.*

*Applicants can expect to answer questions on the following:*

- Federal rules and regulations as they apply to understanding, implementing and updating erosion and sediment control (ESC) plans (reports and drawings)
- BMP inspection requirements
- Assessing construction sites for compliance
- Analyzing ESC reports and drawings
- Writing inspection reports

For further information, or to obtain an application package, please visit [www.cisecinc.org](http://www.cisecinc.org) or send an email to [can-cisec@trca.on.ca](mailto:can-cisec@trca.on.ca)

## **Other Information about CISEC**

- \*\*\* Annual membership renewal fee is \$90.00 + tax
- \*\*\* Contract renewal is required every three years by demonstrating that you have obtained 36 CDHs within the 3-yr period.



## **CISEC CANADA**

## **Training Modules and Certification Exam**

*Be recognized as the professional  
inspector you are.*

**CISEC Canada**  
9520 Pine Valley Drive  
Woodbridge, ON  
L4L 1A6

[www.cisecinc.org](http://www.cisecinc.org)

Email: [can-cisec@trca.on.ca](mailto:can-cisec@trca.on.ca)