

CISEC, Inc. administers a nationwide 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 Storm Water Pollution Prevention Plans (SWPPPs).

## ***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 development of discharge permit documents.
- 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, state and/or local discharge permit regulations.



### ***Training Modules***

Attendance in the training modules is not required before taking the comprehensive certification examination.

## **Day 1 (8:30 a.m. to 4:30 p.m.)**

### **Module 1: EPA Rules & Regulations**

- Clean Water Act
- NPDES General Permit
- Evaluating the CGP
- Understanding a SWPPP and the S&EC Drawings

### **Module 2: Background of an Inspector**

- Definitions
  - Erosion, sediment and sedimentation
- Why Hydrology is Important
  - Hydrographs and sedimentation
  - Watersheds and discharge points
- Using BMPs on Construction Sites
  - Large Land Development
  - Vertical/Big Box
  - Linear
- Inspector Background Requirements
  - SWPPPs and S&EC Drawings
  - Communication and Reporting
  - Limitations of Inspectors
- Ethics

### **Module 3: Inspecting BMPs**

- Understanding the Phases of Construction
- Inspecting
  - Barriers
  - Check structures
  - Drains and inlets
  - Sediment Containment Systems
  - Other temporary sediment control measures
  - Erosion control practices
  - Hazardous waste material sites
- Writing Inspection Reports
- Assessing Inspection Reports



## **Day 2 (8:30 a.m. to 11:00 a.m.)**

### **Module 4: Conducting Construction Site Inspections**

- Inspection Requirements
  - Role of Designers, Inspectors, and Contractors
- Inspector Responsibilities During Construction Activities
  - Inspection Reports
  - Reporting on BMP Maintenance
  - Documentation
  - Communication
  - Working with Contractors.
- Inspecting Construction Sites for a Client

# Certification Examination

## Day 2 (1:00 p.m. to 4:30 p.m.)

During the 3.5-hour close book test, applicants deemed qualified by CISEC, Inc. will demonstrate their inspection skills by answering questions on:

- EPA rules and regulations as they apply to understanding, implementing, and updating SWPPPs and S&EC plans.
- Understanding requirements of the CGP.
- BMP inspection requirements.
- Assessing construction sites for compliance.
- Analyzing a SWPPP and the S&EC drawings.
- Identifying noncompliance conditions.
- Writing inspection reports.



- *These intermediate level training modules assume participants have a basic knowledge of sediment and erosion control BMPs. Enroll into the one and one-half day training modules by completing and sending a registration form that can be found [www.cisecinc.org](http://www.cisecinc.org).*
- *CISEC, Inc. must grant approval to those wanting to sit for the half-day certification examination. Application material and the non-refundable review fee must be submitted at least 30 days before the examination (see [www.cisecinc.org](http://www.cisecinc.org)).*
- *Refreshments will be served before and during the training modules and exam.*



**April 18 & 19, 2011**

**or**

**April 21 & 22, 2011**

## **CISEC Training Modules and Certification Examination**

**at**

**Anchorage, AK  
Fairbanks, AK**

## **CISEC, Inc.**

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