

Certification Examination

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

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

- EPA rules and regulations as they apply to 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, and
- 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 found at 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 by May 6, 2012 (see www.cisecinc.org).*
- *Refreshments will be served before and during the training modules and examination. Lunch will NOT be provided.*



CISEC Training Modules and Certification Examination

June 5 & 6, 2012

at

**2012 Ohio Stormwater
Conference
SeaGate Convention Center
401 Jefferson Avenue
Toledo, OH 43604**

CISEC, Inc.

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CISEC, Inc. reserves the right to reschedule and/or cancel this CISEC Program if sufficient training module enrollment does not exist.

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CISEC, Inc.
P.O. Box 188
Parker, CO 80134

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 controlling sediment and erosion and other storm water pollutants and their applicability to 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 storm water management compliance issues associated with water quality may exist with federal, state and/or local discharge permit regulations.



Training Modules

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

Day 1 (8:30 a.m. to 12:00 noon)

Module 1: EPA Information

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

Module 2: Inspector Background Material

- Definitions
 - Erosion
 - Sediment
 - Sedimentation
- Polymers and Sedimentation
- A Primer on Hydrology
 - Topographic maps
 - Hydrographs and sedigraphs
- Critical Inspector Requirements
 - SWPPPs and BMPs
 - Communication
 - Recognizing limitations
- CISEC Code of Ethics

Day 1 (1:00 p.m. to 4:45 p.m.)

Module 3: Best Management Practices

- Understanding the Phases of Construction
- Inspecting
 - Barriers
 - Check structures
 - Drains and inlets
 - Sediment Containment Systems
 - Polymers
 - Wind/Dust control methods
 - Erosion control practices
 - Hazardous waste material sites
- Writing and Assessing Inspection Reports



Day 2 (8:30 a.m. to 12:00 noon)

Module 4: Conducting Inspections

- Inspection Requirements
 - Role of Designers, Inspectors, and Contractors
- Inspector Responsibilities During Construction Activities
 - Inspection Reports
 - Reporting on BMP Maintenance
 - Documentation and Communication
 - Working with Contractors and Clients
- Inspecting a Construction Site
 - During grading
 - During construction