

## **6-Hour Cross Connection Specialist Renewal Course (OAR 333-061-0070 through OAR 333-061-0073)**

Course Objective: This class aims to provide a comprehensive review of the key elements of Oregon Administrative Rules (OAR) 333-061-0070 through 333-061-0073, including regulatory compliance, program management, and testing requirements for cross-connection control programs. The course will focus on ensuring participants understand updates, best practices, and practical application.

---

### **Class Outline**

---

#### **Session 1: Introduction and Overview of Cross-Connection Control Regulations (1 Hour)**

- Objective: Refresh participants on the basics of cross-connection control and the importance of complying with Oregon's regulations.
- Topics Covered:
  - Definition and importance of cross-connection control
  - The public health risks associated with cross-connections and backflow
  - Overview of OAR 333-061-0070 through OAR 333-061-0073
  - The role and responsibilities of cross-connection specialists and water suppliers
  - Recent backflow incidents
- Learning Activities:
  - Lecture on the importance of cross-connection control
  - Open discussion on real-world backflow incidents and their impact

---

#### **Session 2: Detailed Review of OAR 333-061-0070 – General Requirements for Cross-Connection Control Programs (1 Hour)**

- Objective: Provide an in-depth review of the requirements for implementing cross-connection control programs.
- Topics Covered:

- Requirements for water suppliers to establish cross-connection control programs
  - Responsibilities of water suppliers in preventing backflow incidents
  - Conducting hazard surveys and identifying high-risk cross-connections
  - Record-keeping and documentation for compliance purposes
  - Penalties and enforcement for non-compliance
- Learning Activities:
- Group discussion on how to conduct hazard surveys and prioritize risk management
  - Review of sample cross-connection control program documentation

---

### **Session 3: OAR 333-061-0071 – Backflow Prevention Methods and Assembly Requirements (1.5 Hours)**

- Objective: Review the types of backflow prevention assemblies and their appropriate applications in cross-connection control programs.
- Topics Covered:
- Overview of approved backflow prevention assemblies (PVBs, RPs, DCVAs, AVBs)
  - Application of assemblies for different hazard levels (low vs. high hazard)
  - Installation standards and requirements
  - Procedures for selecting and installing the correct assembly for specific cross-connection risks
  - Testing and maintenance requirements for backflow prevention assemblies
- Learning Activities:
- Hands-on demonstration of backflow prevention assemblies
  - Case study analysis: Choosing the right backflow prevention assembly for specific scenarios
  - Small group workshop to review assembly installation scenarios and troubleshoot common installation mistakes

---

### **Session 4: OAR 333-061-0072 – Backflow Prevention Assembly Testing and Maintenance (1 Hour)**

- Objective: Review the procedures and requirements for testing and maintaining backflow prevention assemblies to ensure ongoing compliance.
- Topics Covered:
- Testing schedules for backflow prevention assemblies (initial and annual testing)
  - Certification requirements for backflow prevention assembly testers
  - Steps for conducting a backflow assembly test (PVB, RP, DCVA, AVB)

- Identifying common assembly failures and troubleshooting procedures
- Maintenance protocols to ensure continued functionality and compliance with regulations
  
- Learning Activities:
  - Interactive troubleshooting session: Identifying and solving common problems encountered during testing
  - Group discussion on best practices for maintenance and extending the life of backflow prevention assemblies

---

### **Session 5: OAR 333-061-0073 – Certification and Compliance Requirements for Backflow Testers (1 Hour)**

- Objective: Ensure participants understand the certification process for testers and the compliance requirements for backflow prevention assembly testing.
  
- Topics Covered:
  - Certification process for backflow prevention assembly testers
  - Certification examination requirements and passing grade
  - Recertification requirements and maintaining certification status
  - Responsibilities of certified testers: Documentation, reporting, and compliance with OAR standards
  - Penalties and enforcement actions for non-compliance with testing requirements
  
- Learning Activities:
  - Review of certification requirements and best practices for test documentation
  - Group exercise: Completing a mock backflow prevention test report and reviewing compliance documentation
  - Role-playing: A mock regulatory audit scenario where participants review testing records for compliance

---

### **Session 6: Q&A, Final Review, and quiz (30 Minutes)**

- Objective: Provide participants with the opportunity to ask questions, review key points, and test their knowledge.
  
- Activities:
  - Open Q&A session to clarify any outstanding questions
  - Review of key points from each module
  - Administer a short quiz covering topics from OAR 333-061-0070 through OAR 333-061-0073

- Discuss answers to practice exam questions and provide feedback on areas for improvement

---

### Conclusion and Certification of Completion

- Summary of the course's key takeaways
- Participants will receive a certificate of completion upon finishing the class

---