



ADVANCED TROUBLESHOOTING FOR BACKFLOW ASSEMBLIES

Objective:

This course is designed to give Backflow Assembly Testers a better understanding of some of the more advanced troubleshooting scenarios that can be encountered in the field.

Text Manuals and Materials:

- Cross Connection Control Manual, 10th Edition, University of Southern California, Foundation for Cross Connection Control and Hydraulic Research (students receive their own personal copy to keep)
- Backflow assembly schematic handouts

Timeline/Agenda:

Class runs from 8:00 AM to 3:30 PM with two 15-minute breaks and a 1-hour lunch period.

8:00 AM – 9:30 AM	USC 10 th Edition test procedure review
9:30 AM – 10:00 AM	Pressure Vacuum Breaker Assembly and Spill-Resistant Vacuum Breaker Assembly diagnostics/demonstration
10:00 AM - 10:15 AM	Break
10:15 AM – 10:45 AM	Continue Pressure Vacuum Breaker Assembly and Spill-Resistant Vacuum Breaker Assembly diagnostics/demonstration
10:45 AM – 12:00 PM	Double Check Valve Assembly diagnostics/demonstration
12:00 PM – 1:00 PM	Lunch (on their own)
1:00 PM – 2:30 PM	Reduced Pressure Backflow Assembly diagnostics/demonstration
2:30 PM – 2:45 PM	Break
2:45 PM – 3:30 PM	Open practice time in wet lab