
Affidavit of Training

1. **Types of cross-connections, definitions**
 - Historical background**
 - Plumbing water distribution**
 - Plumbing cross-connections**
 - Cross-connection incidents**
 - Industry and public health significance of cross-connections**
2. **Drinking Water Regulations**
 - Safe Drinking Water Act**
 - Primary and secondary standards and MCL's**
 - Toxicology**
3. **Cross connection programs**
 - Responsibilities (Purveyor, Tester, Surveyor, Repairer)**
 - Cross-connection control surveys**
 - Security for Backflow Prevention Assemblies**
4. **Definitions, vocabulary & terminology pertaining to:**
 - backflow preventers**
 - devices**
 - hydraulics**
 - plumbing & cross-connection control industry**
5. **Hydraulics & science pertaining to:**
 - backsiphonage**
 - backpressure**
 - atmospheric pressure**
 - absolute pressure**
 - gauge pressure**
 - backflow**
 - thermal expansion**
 - Venturi principle**
6. **Laws, rules, regulations, codes - federal, state & local levels:**
 - EPA**
 - City ordinances**
 - State or Model Plumbing Code**
 - State, County & City Ordinances**
7. **Knowledge & identification of the following:**
 - listing agencies**
 - testing laboratories**
 - professional associations**
8. **Assembly test gauge equipment - knowledge & operation**
 - Series 5000 qualifications**

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9. **Parts, terminology & identification, and application & installation for the following:**
 - Air Gap**
 - Atmospheric Type Vacuum Breakers (ASSE 1001)**
 - Reduced Pressure Principle Backflow Preventers (ASSE 1013)**
 - Double Check Backflow Prevention Assemblies (ASSE 1015)**
 - Pressure Vacuum Breaker Assembly (ASSE 1020)**
 - Reduced Pressure Detector Fire Protection Backflow Prevention Assembly (ASSE 1047)**
 - Double Check Detector Fire Protection Backflow Prevention Assemblies (ASSE 1048)**
 - Hose Connection Backflow Preventer (ASSE 1052)**
 - Spill Resistant Vacuum Breaker (ASSE 1056)**
 - Backflow Prevention Assembly Field Test Kits (ASSE 1064)**
 10. **Test Procedures for Backflow Prevention Assemblies:**
 - Reduced Pressure Principle Backflow Preventers (ASSE 1013)**
 - Double Check Backflow Prevention Assemblies (ASSE 1015)**
 - Pressure Vacuum Breaker Assembly (ASSE 1020)**
 - RPDF (ASSE 1047)**
 - DCD (ASSE 1048)**
 11. **Troubleshooting backflow prevention assemblies, failures & causes:**
 - Reduced Pressure Principle Backflow Preventers (ASSE 1013)**
 - Double Check Backflow Prevention Assemblies (ASSE 1015)**
 - Pressure Vacuum Breaker Assembly (ASSE 1020)**
 - RPDF (ASSE 1047)**
 - DCD (ASSE 1048)**
 - Components**
 - Check valves**
 - Relief valve**
 - Air inlet**
 - Test cocks**
 - Shut-off valves**
 12. **Documentation of information**
 13. **Tester responsibilities**
 14. **Safety**

I verify that I have knowledge in each of the above mentioned subjects and have been given the opportunity, in this course, to review any of these subjects with the instructor.

SIGNATURE

DATE