# Water Distribution Grade 1 Certification ADEQ Practice Exam Questions with Answers

What is the general definition of an ion? An \_\_\_\_\_ with a positive or negative charge CORRECT ANSWERS Atom

A continuous positive pressure in a distribution system is essential for preventing what event? CORRECT ANSWERS Backflow Event

water pressure must be maintained to ensure adequate customer service during peak flow periods. However, minimum positive pressure must be maintained in mains to protect against backflow or backsiphonage from cross-connections. CORRECT ANSWERS Minimum

Name the most common CAUSE for public water supply contamination.

or cross-connection CORRECT ANSWERS Backflow

What does a backsiphonage condition usually cause? \_\_\_\_\_ pressure or negative pressure on the service or supply side. CORRECT ANSWERS Reduced

What does a double check valve backflow assembly provide effective protection from? Both backpressure and backsiphonage of \_\_\_\_\_\_. CORRECT ANSWERS Pollution

What is equipment that utilizes water for cooling, lubrication, washing or as a solvent always susceptible to? CORRECT ANSWERS Cross-Connection

What is the difference between a reduced pressure principle backflow device and a double check backflow device? The RP has a \_\_\_\_\_\_. CORRECT ANSWERS Relief Valve

What is the maximum time period between having a backflow device tested by a certified backflow tester? \_\_\_\_\_\_ year. CORRECT ANSWERS 1

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