



Athens-Clarke County Fire & Emergency Services



4.1.1 Fire Marshal's Office Hydrostatic Test

Hydrostatic Test	Pass	Fail	N/A
1. Scheduling- The contractor shall schedule the inspection by calling 706-613-3365. The contractor will receive the earliest available appointment.			
2. Hour Test - The contractor is responsible for verifying that all piping and attached equipment to the system subjected to system working pressure has been under 200 psi of pressure for a minimum of 2 hours prior to the inspection. Example: Timestamped photograph of pressure gauge. (A drop in the gauge pressure or visual leakage shall determine loss.)			
3. High Pressure Systems - Portions of systems normally subjected to system working pressures in excess of 150 psi shall be tested at a pressure of 50 psi in excess of system working pressure.			
4. FDC Piping - Piping between the exterior FDC and the check valve in the fire department inlet pipe shall be hydrostatically tested in the same manner as the balance of the system.			
5. Release Pressure - After verifying that the system has maintained the required 200 psi for 2 hours, release pressure and confirm the test gauge returns to zero. (A gauge that does not return to zero could be an indication that the gauge was pegged.)			
6. Dry Pipe Systems - In addition to the standard hydrostatic test, an air pressure leakage test at 40 psi shall be conducted for 24 hours. Any leakage that results in a loss of pressure in excess of 1 ½ psi for the 24 hours shall be corrected. This test will have to be scheduled for a different day to allow for the 24 hours test.			

700 College Avenue
Athens, Georgia 30601
(706) 613-3364

www.athensclarkecounty.com

Honesty

Dependability

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Additions or Modifications:	Pass	Fail	N/A
7. 20 or Fewer Heads - Additions or Modifications affecting 20 or fewer sprinklers shall not require testing in excess of system working pressure.			
8. More Than 20 Heads - Additions or Modifications affecting more than 20 sprinklers, the new portions shall be isolated and tested at not less than 200 psi for 2 hours. (Additions or Modifications that cannot be isolated, such as relocated drops, shall not require testing in excess or system working pressure.			
9. Work Affecting FDC – Repairs, replacements or work affecting the FDC or piping between the exterior and the check valve in the fire department inlet pipe shall be isolated and hydrostatically tested at 150 psi.			

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