



Corona Fire Department

Hydrostatic Test Requirement for Sprinkler System Improvement

PURPOSE

The purpose of this document is to provide a consistent policy regarding the hydrostatic testing requirement of the Corona Fire Department.

SCOPE

This guideline shall apply to fire sprinkler systems that are altered, modified or added to, pursuant to the 2016 California Fire Code.

REQUIREMENTS

- A. Hydrostatic tests are required for alterations, modifications, or additions to the automatic fire sprinkler system in accordance with the provisions of NFPA 13, Sections 25.2.1.4, 25.2.1.4.1 and/or 25.2.1.4.2.
 - Modifications affecting 20 or fewer sprinklers shall not require testing in excess of system working pressure, per NFPA13, 25.2.1.4.
 - Where additions or modifications are made to an existing system affecting more than 20 sprinklers, the new portion shall be isolated and tested at not less than 200 psi for 2 hours, per NFPA 13, 25.2.1.4.1
 - Modifications that cannot be isolated, such as relocated drops, shall not require testing in excess of system working pressure, per NFPA 13, 25.2.1.4.2
- B. The sprinkler piping or components shall be installed in such a manner that there will be no visible leakage when the system is subjected to the hydrostatic test.
- C. A final inspection of the alterations, modifications or additions is required. The hydrostatic test and final inspection may be conducted at the same time if all work is completed and visible.
- D. All applicable test and/or inspection fees shall be paid a minimum of twenty-four (24) hours prior to the desired date of the test.
- E. Contact the Corona Fire Department at (951) 736-2220 to schedule tests a minimum of twenty-four (24) hours prior to the desired test date.
- F. The requirements listed above are minimum requirements of the Corona Fire Department and any requests for use of alternate methods or exemption from requirements require approval of the Fire Marshal, prior to the test or inspection date.