

**SECTION 14:**  
**INSPECTIONS, TESTS, AND SYSTEM CERTIFICATION FOR**  
**ALL FIRE PROTECTION SYSTEMS**

- 14.1 **Rough-in Inspections.** A visual inspection shall be required to verify the proper installation of system components **BEFORE** installing insulation and/or wall coverings.
- 14.2 **Hydrostatic Test Inspections.** Hydrostatic tests for sprinkler systems shall include all portions of the system, including the FDC(s).
- 14.3 **Pump and Tank Systems.** The sprinkler contractor shall conduct a functional flow test for all NFPA 13,13D and 13R systems when an individual pump and tank or pump-assist system supplies the sprinkler system water. Contact the AHJ for details on the functional flow test procedures.
- 14.4 **Final Acceptance Tests.** The installer shall pre-test all fire suppression systems **BEFORE** the final acceptance test.
- 14.4.1 **Procedure.** The AHJ shall witness a test of the fire suppression system as designed and approved. The installer shall provide all the test equipment needed. The installer shall test all initiating devices, audible appliances, visual appliances, and reset devices before the final acceptance test by the AHJ.
- 14.4.2 **Documentation.** The sprinkler contractor shall provide the AHJ with a copy of the “Contractor’s Material and Test Certificate for Aboveground Piping” at the time of the final acceptance test. This document shall be provided before the AHJ can sign the Building Department form for the Issuance of a Certificate of Occupancy (CO). A sample form is in the most current edition of NFPA 13.
- 14.4.3 **Additional Documents for NFPA 13 and/or NFPA 13R systems.** The sprinkler contractor shall provide the owner or their representative with the most current edition of NFPA 25. The AHJ may request to witness the delivery of the document at the time of final inspection.
- 14.5 **Inspection Scheduling.** All rough-in inspections and final acceptance tests shall be requested at least 48 hours **BEFORE** the inspection. Seven (7) days advance notice is recommended for commercial system inspections. The system installer shall request and be present for all inspections.
- 14.6 **As-built Drawings.** The installer shall submit as-built drawings for commercial fire suppression systems in an electronic format acceptable to the AHJ. The AHJ may also require additional hydraulic calculations.

Plans shall be secured and include, but are not limited to, FA, sprinkler, standpipe, floor plans, and a site plan.

- 14.7 **Cross-Contamination Devices.** The sprinkler contractor shall contact the local water purveyor to approve the sprinkler system's cross-contamination device. Buildings undergoing remodels, or system changes shall limit the potential for cross-contamination in a manner approved by the local water purveyor.
- 14.8 **Tests and Inspections.** Certified fire suppression system contractors shall perform tests and inspections for fire suppression systems. The test and inspection shall comply with the most current edition of applicable NFPA standards. The contractor shall submit the test and inspection report electronically to the AHJ within 30 days of completion of the test.