

SECTION 13:
INSPECTIONS, TESTS, AND SYSTEM CERTIFICATION
FOR ALL DETECTION SYSTEMS

- 13.1 **Rough-in Inspections.** A visual inspection shall be required to verify the proper installation of system components **BEFORE** installing insulation and/or wall coverings.
- 13.2 **Final Acceptance Test.** All fire alarm system components shall be pre-tested by the installer **BEFORE** the final acceptance test
- 13.2.1 **Procedure.** The AHJ shall witness a test of the fire alarm 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.
- 13.2.2 **Documentation.** The fire alarm contractor shall provide the AHJ with a copy of the “System Record of Inspection and Testing” during the final acceptance test. This document shall be required before the AHJ signs the Building Department form for the Issuance of a Certificate of Occupancy (CO). A form sample is in the most current edition of NFPA 72.
- 13.2.3 **Post-Test.** The fire alarm panel shall be clear of all alarm and trouble conditions before the AHJs approval of the Certificate of Occupancy.
- 13.3 **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.
- 13.4 **As-built Drawings.** The installer shall submit as-built drawings and/or calculations for commercial fire alarm systems in an electronic format acceptable to the AHJ. Plans shall be secured, and include, but not limited to FA, sprinkler, standpipe, floor plans, and a site plan.
- 13.5 **Tests and Inspections.** Certified fire alarm contractors shall perform tests and inspections for fire alarm systems. The test and inspection shall comply with the most current edition of NFPA 72. The contractor shall submit the test and inspection report electronically to the AHJ within 30 days of completion of the test.