



American Fork Fire/Rescue
96 North Center Street
American Fork, UT 84003
PH: 801-763-3045



Final Fire Safety Inspection
Self-Check Guide

The following list is intended to help provide you with an idea of the items that will be evaluated during a final inspection for a Fire Safety Clearance Certificate. This is NOT a comprehensive list. We recommend that you contact the Authority having jurisdiction or Fire Marshal in your area for specific requirements based on the construction and occupancy type of the building to be inspected.

Fire Alarm Panel:

- Conduct a 24-hour battery test {Power to the fire alarm panel MUST be disconnected 24 hours prior to this test unless otherwise indicated} Test requires that batteries are able to carry the full current load of the alarm system for at least 5 minutes after being disconnected from power for 24 hours Test all horn/strobe units and pull stations
- Test for open circuit and ground fault problems within the system
- Verify that devices are labeled and that a map of devices is posted at the alarm panel
- Verify that a monitoring company monitors the alarm system if required
- Provide Certificate of Completion for alarm system
- Panel properly tagged

Fire Sprinklers System:

- Main Drain Test: To record the static and residual pressures available at the sprinkler riser.
- Inspector's Test: To evaluate the time delay for activation of the fire alarm system and verify the activation of the water motor gong or electric bell upon water flow
- Test the tamper switches on the riser
- Evaluate the sprinkler head coverage throughout building and verify with approved, stamped system design drawings
- Provide documentation of the "Underground" test, the "Above ground" test and materials certificates
- Verify that there is a box with the correct number and type of spare sprinkler heads and a wrench available
- Verify that the FDC Cap(s) are in place
- Verify that the hydraulic calculation sticker is attached to the system riser and that the main drain test values fall within the hydraulic calculations of the system
- Verify that the Main Drain and Inspector test valves are labeled
- Fire riser is properly tagged and marked

Electrical:

- Verify that all electrical panels are labeled and have no open spaces
- Verify the emergency lighting coverage throughout areas of egress and areas of assembly over 50
- Verify generator operation within 10 seconds of power failure if required
- Verify smoke detector placement {NO detectors within 3 feet of any HVAC diffuser}
- Verify that magnetic hold open devices allow doors to close on alarm activation
- Verify that magnetic locking or security devices fail open on alarm or loss of power

HVAC:

- Verify that systems over 2,000 CFM have air return duct detectors and shutdown on alarm activation Verify operation of all fire and smoke dampers including access panels to these devices

General:

- Verify that all exits provide egress to a public way
- Inspect and verify function of kitchen hood extinguishing systems
- Verify fire extinguisher coverage including a type "K" extinguisher in commercial kitchens where required
- Verify location and operation of exit signs
- You should also have your approved plans onsite for review