

Fire protection final inspection checklist

Fire protection final inspection is where the punch list is either short or expensive. This checklist walks the finished work the way an owner or AHJ will see it: devices on, systems running, everything labeled. Each item gets the photo that closes it instead of reopening it. Work is commonly verified against NFPA 13, NFPA 25. Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The sprinkler foreman at trim-out, then the fire marshal or AHJ at final acceptance testing. When: After escutcheons and covers are installed and the system is charged, before final acceptance testing and turnover.

Heads and finishes

- ☐ Heads and escutcheons installed straight and undamaged
Escutcheon seated flush to the ceiling, no paint on the head, deflector free of obstruction. 2 photos required
- ☐ Spare head cabinet stocked with the correct types and wrench
Cabinet contains the required count and temperature ratings matching the heads installed, wrench present. 1 photo required
- ☐ Head type and temperature rating match the drawing legend by room
Pendent, sidewall or concealed type and bulb color match the legend, with the higher-rated heads near heat sources shown. 1 photo required
- ☐ Protective caps and shipping covers removed from every head
No plastic bulb caps or strap covers left on heads once ceiling and paint work in the room are finished. 1 photo required

Signage and identification

- ☐ Control valves and zones identified with correct signage
Sign at each valve matches the area it actually serves, verified by closing the valve and confirming the zone. 2 photos required
- ☐ Hydraulic design information sign posted at the riser
Sign present and legible, data matching the system as installed. 1 photo required
- ☐ Fire department connection capped, signed and reachable
Caps in place, swivels turn freely, sign names the system served, and no landscaping, parking or fencing blocks the hose run. 1 photo required

Riser and system test

- ☐ Riser assembly complete with gauges, check valve and drain properly installed
Gauges reading correctly on both sides of the check valve, main drain test performed and pressure drop recorded. 2 photos required
- ☐ Alarm interface confirmed to signal the fire alarm panel
Flow switch activation confirmed at the fire alarm panel, not just the local water motor gong. 1 photo required
- ☐ Tamper switches send a supervisory signal when valves are closed
Each control valve operated from fully open toward closed and back; supervisory received at the fire alarm panel and cleared once the valve is fully open. 1 photo required
- ☐ Dry or preaction valve trip test documented where installed
On dry or preaction systems, trip pressure and water delivery time recorded at the test, valve reset per the manufacturer's instructions afterward. No photo required

Turnover documentation

- ☐ Contractor's material and test records complete for the system
Above-ground and underground test records filled in with pressures, durations and signatures, copy in the turnover package. No photo required
- ☐ As-built sprinkler drawings and final hydraulic calc delivered
As-builts carry the field changes redlined during rough-in; the final calc reflects the layout actually installed. No photo required