



DOUGLAS A DUCEY
GOVERNOR

OFFICE OF THE STATE FIRE MARSHAL



GENE PALMA
DIRECTOR

1110 WEST WASHINGTON, SUITE 100
PHOENIX, ARIZONA 85007
Phone: (602) 364-1003
Fax: (602) 364-1052
Inspection line: (602) 364-1085

Inspection Requirements for a fire alarm system Final **The referenced requirements are found in the 2002 NFPA 72 and 70 standards.**

Note: This Permit will be allowed one inspection.

- Original Arizona State Fire Marshal approved and stamped plans and permit must be on site.
- Appropriate certified installer on site. (Minimum NICET / CSA / Factory Trained Technician)
- Fire alarm panel in normal mode with no troubles showing.
- Reviewed installed batteries for compliance with approved plans.
- Fire alarm system must be installed in accordance with approved plans.
- One hundred percent pretest required before inspection. Inspector will verify results by testing ten percent of system devices. If one device fails the 10% test, the inspection may be failed.
- Smoke detectors installed before construction is complete may be grounds for failure.
- System must function on battery power.
- F/A circuit breaker location noted on inside of panel and circuit breaker is locked.
- Loss of A/C power for any system component must report to main panel as a trouble.
- All NAC and SLC loops must report line troubles (short, breaks, ground fault) to main panel.
- If Class (A) device functionality must be maintained both sides of break.
- Class (B) NAC circuits must report loss of EOL device or resistor.
- Class (B) NAC circuits EOL location noted on plans.
- Class (B) SLC circuits must report loss of any device.
- Addressable systems must report loss of devices.
- All non power limited wiring must be in compliance with NFPA 70.
- All power limited circuits must be in compliance with NFPA 70 and 72.
- Listed primary protection provided where required by NFPA 70, 800.30.
- All detection devices installed in compliance with plans, listing, and established standards.
- All notification devices installed in compliance with plans, listing, and established standards.
- All fire protection systems must be monitored by fire alarm system.
- Fire alarm system must detect open circuit on tamper or flow switches.
- All fire safety functions performed by fire alarm system must function as designed. (Fire door release, AHU shutdown, stairwell fans, etc.)
- All fire alarm monitoring must be in place and functional.
- Received third party Duct / Smoke detector certification and smoke/fire damper report. (If applicable).
- Received NFPA 72 document from installer.
- **Note: The Fire Alarm installing contractor will need to coordinate final inspections with the fire sprinkler contractor.**

This form is used only as a guide. Final approval is contingent upon favorable field inspection.

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