



Fire Plan Review and Inspection Guidelines

Fire Alarm System- Plan Review Worksheet
2009 IFC and 2002 NFPA 72

Date of Review: _____ Permit Number: _____
 Business/Building Name: _____ Address of Project: _____
 Designer Name: _____ Designer's Phone: _____
 Contractor: _____ Contractor's Phone: _____
 FA Manufacturer: _____ FA Model: _____ Occupancy Classification: _____
 Alarm Co. _____ Person Submitting Plans: _____ Phone #: _____

Reference numbers following worksheet statements represent an NFPA code section unless otherwise specified.

Worksheet Legend: OK = acceptable N = need to provide NA = not applicable

1. **Provide a scope of work letter detailing work being performed.** Work areas shall be clearly indicated on the plans (clouded or highlighted) in the case of multiple areas, small areas, and remodels.
Provide a list of names and contact numbers of all parties involved in the alarm work.
2. Show battery calculations with appropriate standby hour capacity, total battery load amp hours, and total amount of amps used.
3. Provide cut sheets for devices used, equipment specs, and weather-proof information
4. Provide legend for all devices with quantities
5. Provide 3 sets of scaled plans with all rooms labeled per use and/or area under permit noted
6. Provide copy of low voltage license **and** name, license #, and signature of license holder on plans
7. Show device candela on plans at each visual device
8. Show F.A.C.P. location on plans with smoke detector above
9. Show annunciator within 10 ft of main fire department entrance (indicate entrance on plans)
10. Show point to point wiring with EOLR on plans and accurate riser diagram
11. Show proper visual notification coverage in all required areas (including stairwells)
12. Show visual notification devices in all restrooms
13. Show proper spacing of visual devices in corridors
14. By design, _____decibels for audible notification has been provided (provide note)
15. By design, 75 decibels is provided at pillow level in sleeping areas (provide note)
16. Show location of all pull stations
17. Show smoke detectors for elevator lobbies, hoistways and machine rooms
18. Show tamper, flow, run, conditions for any fire pumps
19. Show tamper switches for sprinkler control valves including PIV
20. Show flow switches
21. Show additional power supply locations with smoke detector above
22. Show any kitchen hoods and connection of suppression system to alarm panel
23. Show door hold open devices with appropriate smoke detector locations
24. Show maglocks with appropriate devices and connection to fire alarm system
25. Show connection of all duct detectors to alarm system
26. Show any additional suppression systems
27. Show method to achieve required monitoring and/or Emergency Forces Notification (Education, Day-Care, Mercantile)
28. Show voice evacuation capabilities with battery back-up (Hi-Rise and Assembly>300)

Additional

Comments: _____

