



FONTANA FIRE PROTECTION DISTRICT

8353 SIERRA AVE., FONTANA, CA 92335

Phone : 909.428.8890 Fax: 909.350.7676



FIRE ALARM SYSTEMS

Fontana Fire Prevention Notes

The following inspections are required for approval of the fire alarm system:

1. Call Fontana Fire Prevention 48 hours in advance 909-428-8890 to schedule an inspection.

The following inspections are required for approval of the fire alarm system:

- ☐ First Inspection – Pre-Wire/*Rough Wiring Inspection*
- ☐ *Second Inspection – Device Verification and Function Test*
- ☐ *Third Inspection- Final Approval*

2. All systems shall be pre-tested prior to the function inspection with fire department personnel. Pre-testing shall be shown by event history sheets or a letter stating such testing has been performed on the appropriate alarm company letter head.

3. Duct detectors shall be tested with canned smoke for the initial testing. A magna helix or manometer test shall be performed on each duct detector to measure the differential pressure between the two sampling tubes.

4. At completion of the project, a copy of the approved drawings shall be provided to the owner/occupant along with written operating instructions, and maintenance/testing information for the fire alarm system. A 24-hour emergency response phone number, for the alarm company representative shall be permanently installed adjacent to the control panel.

5. After installation and testing has been completed and witnessed by a Fire Inspector from the Fontana Fire Prevention, a completed NFPA-72 Certificate of Compliance and testing event history shall be issued from the installing company and provided to the fire department and business owner.

6. All equipment, e.g., automatic detection devices, manual pull stations, duct detectors, etc., shall be located in accordance with their listing(s), and all exterior devices shall be listed for outdoor use.

7. Sprinkler system water flow alarm and supervisory initiating devices and their circuits located outside of buildings shall be so designed and installed that they cannot be readily tampered with, opened, or removed, without initiating a signal. In addition, all cable used in wet/damp or underground locations shall be listed for this use.

8. Individual buildings shall be provided with one dedicated phone line (number), as well as a second phone line (number) or other approved method as listed in NFPA 72.

9. Wire shall be attached to the structure no less than every four and one half feet (4 ½') and within twelve inches (12") of every outlet box. Attachment shall be provided by bridal rings or other permanent, non-damaging listed methods.

10. Fire monitoring panels shall be provided a dedicated breaker with a lock-out in place by final. The fire bell shall receive power from a breaker separate from the panel.

11. Central Station Monitoring Facility (CSMF) shall be identified on the drawings including the name, address, phone number, and copy of the U.L. or F.M. listing number and certificate.

12. Through penetration fire stopping for all fire rated walls, floor/ceilings and assemblies shall have an "F" or "T" rating per the CBC and standards. Fire stopping detail(s) with UL System Number shall be provided on the blueprints. All Fire Stopping shall comply with an approved "F" and "T" methods. This will be field inspected.

13. Wire all conductor/cable/conduit/electrical chase hangers, fasteners and supports shall be approved to ensure heating effects under normal conditions of use and also under abnormal conditions likely to arise in service. CEC 110-3.

14. All surface mounted cables/conductors located within 7-feet of the floor down to 18-inches below grade shall be installed in in electrical metal conduit, rigid metal conduit, schedule-80 PVC rigid non-metallic conduit. The conduit shall be secured with approved fasteners at intervals not to exceed 18-inches. CEC 760-300(D) 4, 2: 760-300 (C) 1: 760-53. (B) 1, 2.

