



# TEXAS CITY FIRE DEPARTMENT

## FIRE MARSHAL'S OFFICE

### Fire Protection System Requirements

*Fire Alarm*

#### **Construction Documents**

1. Name of owner and occupant
2. Location, including street address
3. Name, address, and phone number of installing company
4. Name, address, and phone number of PE or planner, if different than installing company
5. A floor plan which indicates the use of all rooms
6. Plans must show location of alarm panels, remote power supplies, all appliances, and devices
7. Locations of alarm-initiating and notification appliances with candela rating
8. Alarm control and trouble signaling equipment
9. Annunciation
10. Provide details on plans showing of smoke detectors, type of ceiling, i.e., smooth, beamed, solid joists, sloped, shed, or peaked.
11. All System must specify "Power-limited" or "Non-Power Limited".
12. Symbol list indicating make & model of all devices.
13. Zoning Legend
14. Location of all exits
15. Power connection
16. Battery calculations
17. Conductor type and sizes
18. Voltage drop calculations
19. Manufactures, model numbers and listing information for equipment, devices and materials(Cut Sheets)
20. Details of ceiling height and construction
21. The interface of fire safety control functions
22. Detailed Sequence of operations (Alarm, Supervisory, and Trouble)
23. Input/ Output Matrix
24. Wiring diagram or device numbers
25. Scope of work
26. Bill of materials
27. Zone list or Addressable device list

#### **Completion Documents**

1. Signed record drawings (as-builts)
2. Completed Fire Alarm System Installation Inspection Form
3. Completed Fire Alarm Installation Certificate FML-009A
4. An installation label must be affixed to the inside of the control panel cover
5. System must be tagged and placed in service with approved monitoring

Note: Texas City Central Dispatch Phone # 409-643-5721