



4.0 Alternative Automatic Fire Extinguishing System Submittal Requirements

500 W. Pennsylvania Ave. * Southern Pines, NC 28387 * Phone (910) 692-2720 * www.southernpines.net/fire

The NC Fire Prevention Code requires that a construction permit be obtained for the installation of/or modification to automatic fire suppression systems. The code also requires that construction documents be submitted for review and approval prior to system installation. These systems are normally used for the protection of cooking equipment, ventilation and exhaust systems, spray booths, electrical rooms, and areas where an alternative to a required automatic sprinkler system is allowed and approved

A minimum of the following information must be submitted:

1. A completed Town of Southern Pines Fire permit application.
2. A detailed written scope of the work to be performed.
3. A scaled and detailed floor plan with the system designer indicated and the date of design. The preferable scale is 1/8 inch and the scale must be clearly indicated on the plans. An elevation view must also be included.
4. The type of system being installed including the manufacturer's model number, UL listing date and total flow points available.
5. The installer's name, certification, and date of the last manufacturer's training school attended; also include a copy of your certificate.
6. Clearly indicate all of the systems components including a piping diagram. Size, length and arrangement.
7. Number and dimensions of all exhaust ducts including the location, number, and height of all protection nozzles.
8. Number and dimensions of all plenums including the location, number, and height of all protection nozzles.
9. Number, description, and dimensions of all appliances being protected including the location, number, and height of all protection nozzles.
10. Number, location, and temperature rating of all detection devices.
11. Number and location of all manual activation devices.
12. Type of fuel being utilized and type of shutoffs provided.
13. Location, type, and size of all portable fire extinguishers.
14. The method of annunciation must be indicated (must activate building fire alarm system, if present)
15. Booth specifications and UL Listing information if applicable.
16. Ventilation specifications and CFM calculations if applicable.
17. Make-up air system shall shut down when the system activates.

NOTE – Additional information may be required prior to approval of the submitted plans. The above requested information is not all-inclusive.