

Automatic Extinguishing System Submittal Requirements (Kitchen Systems, Paint Spray Booths, ect.)

The following information must be submitted to and approved by the Winston-Salem Fire Department prior to any installation per section 901.2 of the North Carolina State Fire Prevention Code and the Winston-Salem Fire Marshals Office:

1. A completed Fire Department permit application.
2. Payment of the plan review fee of \$120.00. Checks must be made payable to "City of Winston-Salem".
3. A scaled and detailed floor plan with the system designer indicated and the date of design. The scale must be clearly indicated and an elevation view must also be included.
4. The type of system being installed including the manufacturer's model numbers, UL listing date and total flow points available.
5. The business name and address of the installation must be indicated.
6. The installers name, certification, and date of the last manufacturer's training school attended. Also include a copy of your certificate.
7. Clearly indicate all of the systems components including a piping diagram.
8. Number and dimensions of all exhaust ducts including the location, number, and height of all protection nozzles.
9. Number and dimensions of all hoods including the location, number, and height of all protection nozzles.
10. Number and dimensions of all plenums including the location, number, and height of all protection nozzles.
11. Number, description, and dimensions of all appliances being protected including the location, number, and height of all protection nozzles.
12. Number, location, and temperature rating of all detection devices.
13. Number and location of all manual activation devices.
14. Type of fuel being utilized and type of shutoffs being provided.
15. Location, type, and size of all portable fire extinguishers.
16. The method of annunciation must be indicated.
17. Booth specifications and UL Listing information.
18. Ventilation specifications and CFM calculations.
19. Building permit number associated with job.

Codes used in the review: North Carolina State Fire Prevention
North Carolina State Building
North Carolina State Mechanical
Applicable National Fire Protection Association Standards

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