



Office of Emergency Services
Fire Marshal Division

Fire Protection Construction Permit Application

Submittal requirements: All design drawings are required to be sealed by a NC Licensed Professional Engineer or a NC Licensed Fire Sprinkler Contractor as permitted by North Carolina General Statutes. All submittals require electronic submission and one set of shop drawings.

Sprinkler Systems/Standpipe/Fire Pump: Hydraulic calculations; and a current (< 12 month) water flow test. Include fire pump test curve when applicable.

Fire Alarm Systems: Submittals shall comply with current the North Carolina State Building Code: Fire Prevention Code

Clean Agent/Dry Chemical/CO2/Inert Gas/AES: A current manufacturer's issued certification for the installer accompanied with shop drawings.

Smoke Control/Smoke Exhaust Systems: Submittal package shall include design requirements in accordance with Section 909 of the 2018 North Carolina Fire Code

Emergency Responder Radio Coverage: Submittal package shall include design requirements in accordance with Section 510 of the 2018 North Carolina Fire Code

The Durham County Fire Marshal's Office should be contacted at (919) 560-0660 for questions regarding this process.

New Installation _____ Renovation / Modification / Alter Existing _____ Removal / Abandon _____
Repair / Damage _____ Place Temporarily Out of Service _____ Demolition _____

Alternative fire extinguishing system

____ Clean Agent
____ CO2/Inert Gas
____ Dry Chemical System
____ Commercial Cooking System

Emergency Responder Radio Coverage

_____ Sprinkler

Fire alarm and detection system and related equipment

Fire pumps and related equipment

___ Fire Pump
___ Related Fuel Tank
___ Jockey Pump
___ Fire Pump Controller and Generator

Gates and Barricades for Fire Access Roads

Standpipe System

Smoke Control / Smoke Exhaust Systems

___ Passive Smoke Control

___ Mechanical Smoke Control

___ Please Attach the Following Documents:

Building Floor Plan Exposure Plan Life Safety Plan Testing Procedures
Component Cut Sheets Fire Protection Plan Rational Analysis - required before permit issued

Description of work:

Total Square Feet: _____

Project Name: _____

Project Address: _____

Owner / Tenant Name: _____

Contact Person and Phone #: _____

Fire Protection Contractor Information:

Contractor: _____

N.C. License No: _____

Address: _____

City: _____

State: _____ Zip Code: _____

Telephone: _____

E-Mail Address: _____

Responsibility: The following are responsible for submitting plans, information, specifications, etc. that are in compliance with all applicable codes, standards and North Carolina General Statutes:

1. Applicant; 2. Architect; 3. Engineer; and 4. Owner

Approvals by Durham County Fire Marshal's Division at the time of plan review; even if in error or omission of a specific requirement, do not relieve the aforementioned of responsibility to correct such an error or omission prior to the final inspection and/or acceptance by the Durham County Fire Marshal's Division.

Fees:

Fire Alarm & Detection System, Sprinkler System

- 0-10,000 Sq. feet \$150.00
- Fee for each system above 10,000 Sq. feet \$0.015 per Sq. foot

Emergency Responder Radio Coverage: \$500.00

Gates and Barricades for Fire Access Roads: \$100.00

Smoke Control/ Smoke Exhaust Systems: \$200.00

Alternative Fire Extinguishing System: \$150.00

Fire Pumps and Related Equipment: \$500.00

Smoke Control or Smoke Exhaust System: \$200.00

Standpipe System: \$200.00

Gates/Barricades across Fire Apparatus Access Roads: \$100.00