



Davidson County Fire Marshal's Office
935 North Main Street Lexington, NC 27292
Phone: (336)242-2270 Fax: (336)249-7863



Construction Permit Application for:
Installation or modification of an NFPA 17 designed AES
Section I

General Requirements:

1. The Davidson County Fire Marshal (the Authority Having Jurisdiction) shall require the submission of this application completed in its entirety, and all required documentation listed in Section II of this document as applicable, for review and approval prior to the commencement of any installation, remodel, or modification to any equipment associated with an NFPA 17 designed automatic extinguishing system.
2. Any plan submitted for review shall meet the requirements set forth in the NC Building and Technical Codes, and applicable standards of the National Fire Protection Association.
3. Documents shall be submitted digitally by email to plans.review@davidsoncountync.gov
4. Plan submittals will be rejected if **ANY** portion of this application is not completed or is not accompanied by required information listed in Section II at time of submission. Completion of application and information required to be submitted will be the applicant's responsibility.
5. Upon completion and approval, the applicant will be notified by email that the plans have been approved, and the permit has been issued. The permit will be available for pick up between the hours of 8:30 am & 4:30 pm at the Central Permitting Office located at 912 Greensboro St Lexington, NC 27292. The Central Permitting Office can be contacted at (336) 242-2230.
6. Any revisions or addendums to the original plan submittals will require documents to be re-submitted along with all applicable associated documentation
7. The permit fee is \$75.00 payable upon receipt of the permit.

Section II

Required Submissions:

NFPA 17 Edition 2013

Plans shall be drawn to an indicated scale by a trained person and with the advice of the AHJ.

Plans shall be submitted digitally, and shall show those items from the following list that pertain to the design of the system:

Specifications for pre-engineered systems

1. Manufacturer installation manuals, cut sheets, and information on acceptance testing.
2. Use of equipment specifically listed and compatible with the AES.
3. Auxiliary devices that will require approval by the AHJ.
4. Descriptive information on the hazard to be protected; size, amounts, locations, etcetera...

Engineered systems

1. Plans shall be drawn to an indicated scale or be suitably dimensioned.
2. Plans shall contain sufficient detail to allow the AHJ to evaluate hazard or hazards and to evaluate the effectiveness of the system.
3. A detail of the hazards and shall include the materials involved, location and arrangement, and the exposures to the hazards.
4. Location of nozzles and flow rates
5. Size, length, and arrangement of piping or hoses.
6. Location of nozzles and flow points
7. Information pertaining to the location and function of detection devices, operating devices, auxiliary equipment, and electrical circuitry if required.

A copy of the installation contractor's certification to install an NFPA 17 designed suppression system.

Section III

Installation Contractor:

Name: _____
First Last Middle

Company: _____

Address: _____

City State Zip

Phone: ____ - ____ - ____ Fax: ____ - ____ - ____ Other: ____ - ____ - ____

Email: _____

Section V

Project Location:

Project name: _____

Address: _____

City State Zip

Section VII

Davidson County Fire Marshal's Office use only:

Date Received: ___/___/___ Date Completed: ___/___/___

Reviewed By: _____ Contact Number: _____

Comments: _____

