

HATFIELD TOWNSHIP

FIRE PROTECTION SYSTEMS PERMIT APPLICATION PROCEDURES

A fire protection systems permit is required for all new installations, modifications, alterations and repairs to fire suppression, fire detection and fire alarm systems, equipment and devices. Separate applications are required for each building / tenant space.

PART I – Location of Property – Complete address including city, state and zip code must be provided on all applications.

PARTS II thru X – Complete every section.

PART XI - Plot Plan – Provide scaled plan of entire property. Identify streets adjacent to property. Place all buildings, with size dimensions (length and width) indicated, within property lines and indicate whether existing or proposed. Indicate front yard, side yard, and rear yard setbacks by showing the distance from buildings to property lines on all sides. Show water supply size and fire department connection location. **The property owner is responsible for the accuracy of this plot plan.**

PART XII – Sign and date application. If property resident is not the owner of the property, a notarized statement indicating the owner's approval of the proposed construction must be submitted with the application. Provide phone numbers for property owner/resident and contractor. Contractors making application must be registered with Hatfield Township annually.

ADDITIONAL INFORMATION

FEES – Permit fees must be submitted with the permit application. If paying by check, please make check payable to "Hatfield Township".

REVIEW – The application plans will be reviewed by the Fire Marshals Office for compliance with the codes of Hatfield Township and the Pennsylvania Uniform Construction Code.

PERMIT GRANTED – **If approved, the permit will be processed and issued within thirty (30) business days. Work may not start until a permit has been approved and granted.** The permit cards are to be displayed so as to be visible from the street.

PLUMBING, ELECTRICAL, HVAC and FIRE PROTECTION – All plumbing, electrical, heating & air conditioning and fire protection contractors and/or their personnel must be registered and provide a Certificate of Insurance verifying Worker's Compensation coverage, and Federal or State Employer Identification Number (EIN). In addition, each contractor must obtain the appropriate permits for the work to be done. All electrical work must be inspected by United Inspection Agency.

INSPECTIONS – Call the Township office (215-855-0900) at least 24 hours in advance to schedule each inspection. **Voice mail requests for inspections will not be accepted.** Responsibility for notification for inspections at the various stages of construction lies with the applicant and/or contractor. If the appropriate inspections are not requested, they will not be done and un-inspected work will not be granted final approval. ***If an inspection fails twice for the same code violation, a reinspection fee will be required prior to a third inspection.***

NOTES: All Subdivision and Land Development approvals must be complete before submitting fire protection systems permit applications.

Minimum Requirements for the Submission of Fire Protection Systems Plans for Review

Sprinkler Systems:

- Three (3) sets of all scale CAD floor plans/shop drawings including a riser diagram and design criteria.
 - Three (3) copies of all hydraulic calculations and water supply capacity information.
 - One (1) set of manufactures specification/cut sheets for all materials, equipment, appliances, piping, fittings and devices to be installed. A U.L. Listing or FM Approval for the proposed installation shall be indicated for all of these items.
 - One (1) copy of the completed Owner's Information Certificate, (using the standard NFPA13 form).
 - Each page of the shop drawings and the cover sheet of the hydraulic calculations shall include the seal and signature of the Professional Engineer who was directly responsible for the system design and hydraulic calculations. The Professional Engineer shall be registered in the Commonwealth of Pennsylvania.
 - Indicate commodity classification, maximum storage height, storage arrangement, widths and locations of all racks, aisles, and roof and ceiling height.
 - Indicate the use group for all spaces and type of construction as defined by the International Building Code.
 - Indicate all hazardous materials use, storage or hazardous processes as defined by the International Fire Code.
- Failure to provide all of the above information will result in a denial of the permit application!**

All Other Fire Suppression Systems:

- Three (3) sets of all scale CAD floor plans/shop drawings.
 - One (1) set of manufactures specification/cut sheets for all materials, equipment, appliances, piping, fittings and devices to be installed. A U.L. Listing or FM Approval for the proposed installation shall be indicated for all of these items.
 - Each page of the shop drawings shall include the seal and signature of the Professional Engineer who was directly responsible for the system design and hydraulic calculations. The Professional Engineer shall be registered in the Commonwealth of Pennsylvania.
 - Indicate commodity classification, maximum storage height, storage arrangement, widths and locations of all racks, aisles, and roof and ceiling height.
 - Indicate the use group for all spaces and type of construction as defined by the International Building Code.
 - Indicate all hazardous materials use, storage or hazardous processes as defined by the International Fire Code.
- Failure to provide all of the above information will result in a denial of the permit application!**

Fire Alarm and Detection Systems:

- Three (3) sets of all scale CAD floor plans/shop drawings including a riser diagram, battery calculations, an input/output matrix (sequence of operation) and a devise legend.
- One (1) set of manufactures specification/cut sheets for all materials, equipment, appliances, and devices to be installed. A U.L. Listing or FM Approval for the proposed installation shall be indicated for all of these items.
- Each page of the shop drawings shall include the seal and signature of the Design Professional, (NICET Level III or higher) who was directly responsible for the system design.
- Indicate the use group for all spaces and type of construction as defined by the International Building Code.
- Indicate all hazardous materials use, storage or hazardous processes as defined by the International Fire Code.
- An Electrical Permit is also required for fire alarm systems.

Failure to provide all of the above information will result in a denial of the permit application!

NOTE: One (1) CD with as built plan of construction in .pdf format required prior to final inspection.

HATFIELD TOWNSHIP

Alarm and/or Fire Protection Systems Permit Application

I - LOCATION OF PROPERTY

Address: _____ Suite #: _____ City: _____

State: _____ ZIP: _____

II - OWNERSHIP

Private Public Tenant Tenant Name: _____

III - IDENTIFICATION – To be completed by all applicants

APPLICANT Name: _____ Phone: _____

Company: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Email Address: _____

OWNER Name: _____ Phone: _____

Address: _____

City: _____ State: _____ Zip Code: _____

CONTRACTOR Name: _____ Phone: _____

Address: _____

City: _____ State: _____ Zip Code: _____

DESIGN Name: _____ Phone: _____

PROFESSIONAL Address: _____

City: _____ State: _____ Zip Code: _____

Design Professional: NICET Level III/IV Professional Engineer

Certification No. _____

IV - SYSTEM / EQUIPMENT TYPE

- Auto Sprinkler NFPA 13 NFPA 13R NFPA 13D # of Heads
- Clean Agent Type: _____
- Commercial Hood Wet Chemical Sprinkler Other: _____
- Fire Alarm Number of Devices Heat Cable _____ Linear feet
- Fire Pump GPM: _____
- Standpipe Wet Dry # of hose outlets: _____
- Underground Fire Main Linier Feet: _____ Pipe Diameter _____
- Private Fire Hydrant # of hydrants: _____ **National Standard Thread is required.**
- Other _____

- New System / Equipment Alteration/Renovation Repair or Replacement Tenant Fit-out

Description _____

V – OCCUPANCY TYPE

- Business/Medical Office Mercantile/Store Restaurant/Bar Church/School Institutional
- Industrial/Factory Service Station/Repair Garage Storage Residential
- Other _____

Description _____

VI – CONSTRUCTION TYPE

- Non-Combustible Non-Combustible/Combustible Combustible
- Masonry (bearing walls) Steel Frame Reinforced Concrete Wood Frame
- Truss Construction Steel Wood Floor/Ceiling Roof

Description _____

VII – TYPE OF WATER SUPPLY

- Private (well) Public If public, size of underground water main: _____

VIII – BUILDING DIMENSIONS

Number of stories: _____ Square Feet-Building: _____ Square Feet-Work Area: _____
Square Feet-Basement: _____ 1st Floor: _____ 2nd Floor: _____ 3rd Floor: _____

IX – COST

Cost of Construction Improvements \$ _____

Total Cost of Project \$ _____

X – FEE (see Fee Schedule)

PERMIT FEE: \$ _____

XI - SITE OR PLOT PLAN - Please attach plot plan details. Details of water supply and connections.

XII - SIGNATURE

Deposit of check representing the fee for this application does not constitute approval of or granting of same by Hatfield Township. I hereby certify that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his agent and we agree to conform to all applicable laws of Hatfield Township.

SIGNATURE OF APPLICANT

DATE

NOTE: An Electrical Permit Application is also required when submitting a Fire Protection Permit Application for fire alarm systems.

SCHEDULE OF FEES

Fire Protection Permit Fees:

Construction

Residential – 1 & 2 Family Dwellings (NFPA 13D Sprinkler System)

- Sprinkler System - New (Each Dwelling) \$310.00
- Sprinkler System – Modifications, Repairs, etc. (Each Dwelling) \$60.00
- Fire Alarm System – New (Each Dwelling) \$110.00
- Fire Alarm System - Modifications, Repairs, etc. (Each Dwelling) \$60.00

Residential - Multi-Family / Hotel / Motel (NFPA 13R Sprinkler System)

Non-Residential (NFPA 13 Sprinkler System)

- **Sprinkler System - New**
 - Base Fee \$510.00
 - Each Sprinkler Head \$5.00
- **Sprinkler System – Existing System Modifications, Repairs, etc.**
 - Base Fee 1-10 New/Relocated Sprinkler Heads \$60.00
 - Base Fee 11-19 New/Relocated Sprinkler Heads \$100.00
 - Base Fee 20 or more additional or relocated Heads \$140.00
 - Each Sprinkler Head \$3.00
- **Fire Alarm System – New (Suppression System Supervision Only)
(Fire Alarm Control Panel and Smoke Detector for Stand-Alone
Fire Suppression Systems Not Tied into Alarm Systems)** \$60.00
- **Fire Alarm System – New (Each Building) (Need Electrical Permit)**
 - Base Fee \$310.00
 - Each Device (All Initiating and Notification Devices) \$4.00
 - Linear Heat Cable – For each 50 ft. or fraction thereof \$4.00
- **Fire Alarm System – Existing System Modifications, Repairs, etc.**
 - Base Fee \$45.00
 - Each Device (All Initiating and Notification Devices) \$4.00
- **Fire Alarm Control Panel – Existing Replacement** \$45.00

Fire Protection / Suppression Systems (All Use Groups)

- **Fire Pumps**
 - One Pump \$180.00
 - Each Additional Pump \$60.00

- **Standpipe Systems**
 - Base Fee \$120.00
 - Each Hose Outlet \$20.00

- **Clean Agent / Foam / Specialized Fire Suppression Systems**
 - Each System up to 2,000 Square Feet \$180.00
 - Each Additional 2,000 Square Feet or Fraction Thereof \$60.00

- **Commercial Hood Suppression Systems**
 - Each System \$260.00

- **Underground Fire Service Mains**
 - First 50 Feet \$120.00
 - Each Foot Over 50 \$0.25

- **Private Fire Hydrants (Each Hydrant)** \$30.00

- **Fire Protection / Life Safety System Not Listed**
 - 1% of Total Cost with a Minimum Fee of \$120.00

Hazardous Activity or Process Equipment (All Use Groups) Installation, Modification, Repair or Alteration

- **Battery Systems (Lead Acid Exceeding 50 Gallons)**
 - 1% of Total Cost with a Minimum Fee of \$120.00

- **Storage & Use of Explosives for Construction** \$120.00

- **Compressed Gas Systems**
 - 1% of Total Cost with a Minimum Fee of \$120.00

- **Flammable and Combustible Liquids Production, Transportation or Storage, Facilities or Equipment**
 - 1% of Total Cost with a Minimum Fee of \$120.00

- **Hazardous Materials Storage Facilities**
 - 1% of Total Cost with a Minimum Fee of \$120.00

- **Industrial Ovens**
 - 1% of Total Cost with a Minimum Fee of \$120.00

- Liquefied Petroleum Gases (LPG) Systems
1% of Total Cost with a Minimum Fee of \$120.00
- Spraying Rooms, Booths, Areas or Dipping Tanks
1% of Total Cost with a Minimum Fee of \$120.00
- Hot Work \$200.00

Fire Code Operational Permits

Listed in the International Fire Code. Permit fee based on total square footage of facility.

- 1 – 2,000 Square Feet \$200.00
- 2,001 – 5,000 Square Feet \$250.00
- 5,001 – 10,000 Square Feet \$300.00
- 10,001 – 100,000 Square Feet \$400.00
- 100,001 Square Feet or Greater \$500.00