



THE CITY OF LAKE FOREST
COMMUNITY DEVELOPMENT DEPARTMENT
800 N. FIELD DRIVE, LAKE FOREST, IL 60045
P: (847)810-3502 OR (847)810-3514 F: (847)615-4383
WWW.CITYOFLAKEFOREST.COM

FIRE PROTECTION PERMIT REQUIREMENTS

The following is required for a complete permit submittal.

FIRE PROTECTION PERMIT APPLICATION.

3 COPIES OF DETAILED DRAWINGS. Plans shall include all specifications for the proposed equipment.

The Fire Alarm Contractor must have an Illinois State Alarm Contractor's License.

The Fire Suppression Contractor must have: a NICET Level 3 Certification and a current License from the State of Illinois Office of the State Fire Marshall.

If the proposed project includes a change to the fire sprinkler system and one has not been submitted previously, a technical submission form is required with this permit application.

1 COPY OF THE TECHNICAL SUBMISSION FORM COMPLETED. This form MUST be stamped by a licensed design professional.

If a new water service is proposed, a flush test will be required. Please provide the underground contractor's name, address and contact information with the fire sprinkler system permit submittal.



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FIRE PROTECTION PERMIT

APPLICATION #: _____

DATE: _____

Includes Fire Alarm, Suppression Systems, Hood and Duct Systems, Specialized Suppression System

One application shall be completed for each type of system

PROJECT ADDRESS:	
PROPERTY OWNER:	PHONE:
MAILING ADDRESS (IF DIFFERENT THAN ABOVE):	
PROPERTY OWNER'S EMAIL ADDRESS:	
FIRE SYSTEM CONTRACTOR:	
MAILING ADDRESS:	
PHONE:	FAX:
LICENSE	

TYPE OF PROPOSED SYSTEM :

<input type="checkbox"/> NEW	<input type="checkbox"/> MODIFICATIONS TO EXISTING	<input type="checkbox"/> COMMERCIAL	<input type="checkbox"/> RESIDENTIAL
<input type="checkbox"/> FIRE ALARM	<input type="checkbox"/> SUPPRESSION SYSTEM	<input type="checkbox"/> SPECIALIZED SUPPRESSION SYSTEM	<input type="checkbox"/> STAND PIPE RISER
		<input type="checkbox"/> HOOD AND DUCT SUPPRESSION SYSTEM	<input type="checkbox"/> FIRE PUMP

SQUARE FEET OF PROPOSED WORK: _____

OTHER WORK (INCLUDING HOTWORK): _____

As Property Owner, I hereby agree and acknowledge that all work must be done in accordance with Codes adopted by The City of Lake Forest Code and must be consistent with the approved plans. As Owner, I declare that all information submitted in support of the requested permit is accurate. Falsification of any information will result in penalties as provided for in the Code. By signing this form, owner assumes responsibility for the accuracy of the information provided by the contractor.

Signature of Property Owner: _____

Signature of Owner's Authorized Designee (must have Designee Form attached): _____

Printed Name: _____ *Contact Phone Number:* _____

FOR OFFICE USE ONLY:

FIRE ALARM PERMIT FEE:	\$ _____	HOOD AND DUCT SYSTEM:	\$ _____
FIRE SUPPRESSION PERMIT FEE:	\$ _____	STAND PIPE RISER:	\$ _____
UNDERGROUND FLUSH TEST:	\$ _____	FIRE PUMP TEST:	\$ _____
PER GALLON FOR FLUSH TEST:	\$ _____	PER GALLON FOR PUMP TEST:	\$ _____
GENERAL FEE (HOTWORK, ETC.):	\$ _____	SPECIALIZED SUPPRESSION SYSTEM PERMIT:	\$ _____
STOP WORK ORDER:	\$ _____		
TOTAL FEES: \$ _____			



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TECHNICAL SUBMISSION
FORM
 #: _____
 DATE: _____

For Automatic Fire Sprinkler Systems

PROJECT ADDRESS:	
PROPERTY OWNER:	PHONE:
MAILING ADDRESS (IF DIFFERENT THAN ABOVE):	
TENANT:	PHONE:
DESIGN PROFESSIONAL:	
MAILING ADDRESS:	
PHONE:	EMAIL ADDRESS:
<hr style="border-top: 1px dashed black;"/>	
SIGNATURE AND SEAL OF DESIGN PROFESSIONAL	DATE

Applicable Codes:

NFPA 13 _____ ed. NFPA 14 _____ ed. Building Code: _____
 NFPA 13R _____ ed. NFPA 20 _____ ed. Local Amendments Applied: _____
 NFPA 13D _____ ed. NFPA 72 _____ ed. Other: _____

Water Flow Test:

Date: _____ Witness: _____
 Location: _____ Source: _____
 Static pressure: _____ Seasonal or local Adjustment: _____
 Residual Pressure: _____ Water Quality Investigation (MIC or other): _____
 Flow: _____ gpm Results: _____
 Size of Water Supply: _____ Is it the same as the Domestic? _____

Building Information:

Building Height: _____ Square Feet of Building Footprint: _____
 Number of Stories: _____ Floor to Floor Height: _____



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TECHNICAL SUBMISSION
FORM
#: _____
DATE: _____

Material Information:

Rise rs: _____ Type of Pipe which can be used: _____
Cross Main: _____ Type of Fittings which can be used: _____
Bulk Main: _____ Are Backflow Device(s) Required? _____
Branch Lines: _____ How many backflow device(s) are required? _____

Fire Department Connection:

Type: _____ Location: _____

Fire Pump and Controller:

Type of Drive: _____ Size: _____ at _____ psi
Voltage: _____ Location of service: _____
Generator Required? _____

Water Storage Tank:

Water Storage Tank Required? _____ Location of Tank: _____
Size of Tank: _____ Type of Tank: _____

Standpipes:

Number Required: _____ Location(s): _____
Class: _____ Type: _____
Top Most Outlet Flow: _____ Most Remote Flow: _____
Total Flow: _____ Required Valves: _____ 1 1/2" _____ 2 1/2" _____ Combo



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TECHNICAL SUBMISSION
FORM
#: _____
DATE: _____

Please use additional copies of this page as necessary to provide all of the information regarding the different types of systems proposed for this project:

<p>Area #1 --- Type of System: _____ Description of Use of Area or Hazard: _____ _____</p> <p>Hazard Classification: _____ Commodity: _____ Design Criteria: _____ gpm over _____ square feet Area per sprinkler: _____ Standpipe Flow: _____</p> <p><i>Other Water Flow:</i> Hose: _____ gpm Outside Hydrants: _____ Special: _____ gpm In rack or special sprinklers: _____ gpm Total Flow Required: _____ Is a fire pump required? _____ gpm at _____ psi</p>
<p>Area #2 --- Type of System: _____ Description of Use of Area or Hazard: _____ _____</p> <p>Hazard Classification: _____ Commodity: _____ Design Criteria: _____ gpm over _____ square feet Area per sprinkler: _____ Standpipe Flow: _____</p> <p><i>Other Water Flow:</i> Hose: _____ gpm Outside Hydrants: _____ Special: _____ gpm In rack or special sprinklers: _____ gpm Total Flow Required: _____ Is a fire pump required? _____ gpm at _____ psi</p>
<p>Area #3 --- Type of System: _____ Description of Use of Area or Hazard: _____ _____</p> <p>Hazard Classification: _____ Commodity: _____ Design Criteria: _____ gpm over _____ square feet Area per sprinkler: _____ Standpipe Flow: _____</p> <p><i>Other Water Flow:</i> Hose: _____ gpm Outside Hydrants: _____ Special: _____ gpm In rack or special sprinklers: _____ gpm Total Flow Required: _____ Is a fire pump required? _____ gpm at _____ psi</p>



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TECHNICAL SUBMISSION
FORM
 #: _____
DATE: _____

Please use additional copies of this page as necessary to provide all of the information regarding the different types of systems proposed for this project:

Storage Area #1 --- Type of System: _____
 Description of Use of Area or Hazard: _____

Type of Storage and Maximum Height:
 Pallet: _____ Bulk: _____ Shelf: _____ Bin Box: _____
 Rack: _____ Minimum Aisle Width: _____ Maximum Rack Depth: _____
 Commodity Classification: _____ Encapsulated: _____

Rack Type:
 Single Row: _____ Double Row: _____ Multiple Row: _____ Other: _____

Flue Spaces:
 Is longitudinal required? _____ Size: _____
 Is transverse required? _____ Size: _____
 Ceiling Design Criteria: _____ gpm over _____ square feet
 Area per sprinkler: _____ Standpipe Flow: _____

Other Water Flow:
 Hose: _____ gpm Outside Hydrants: _____ Special: _____ gpm
 In rack or special sprinklers: _____ gpm Total Flow Required: _____
 Is a fire pump required? _____ gpm at _____ psi

In rack or special sprinklers: _____ gpm Number of levels: _____ Location: _____
 Type: _____ Temperature Rating: _____ Orifice size: _____
 Required Accommodations for Building Structure: _____

Storage Area #2 --- Type of System: _____
 Description of Use of Area or Hazard: _____

Type of Storage and Maximum Height:
 Pallet: _____ Bulk: _____ Shelf: _____ Bin Box: _____
 Rack: _____ Minimum Aisle Width: _____ Maximum Rack Depth: _____
 Commodity Classification: _____ Encapsulated: _____

Rack Type:
 Single Row: _____ Double Row: _____ Multiple Row: _____ Other: _____

Flue Spaces:
 Is longitudinal required? _____ Size: _____
 Is transverse required? _____ Size: _____
 Ceiling Design Criteria: _____ gpm over _____ square feet
 Area per sprinkler: _____ Standpipe Flow: _____

Other Water Flow:
 Hose: _____ gpm Outside Hydrants: _____ Special: _____ gpm
 In rack or special sprinklers: _____ gpm Total Flow Required: _____
 Is a fire pump required? _____ gpm at _____ psi

In rack or special sprinklers: _____ gpm Number of levels: _____ Location: _____
 Type: _____ Temperature Rating: _____ Orifice size: _____
 Required Accommodations for Building Structure: _____