

**CITY OF ELYRIA
PERMIT APPLICATION
FIRE PROTECTION SYSTEMS**

1. Business Owner's Name: _____
Company Name: _____
Mailing Address: _____
City, State, Zip: _____
Phone: _____

2. Contractor: _____
Address: _____
City, State, Zip: _____
Phone: _____ Fax: _____
Registration #: _____

3. Land Owner's Name: _____
Mailing Address: _____
City, State, Zip: _____
Phone: _____

4. Design Engineer: _____
Address: _____
City, State, Zip: _____
Phone: _____ Fax: _____

5. PROJECT ADDRESS: _____
Intended Use (Church, store, restaurant, etc.): _____
Describe use in detail: _____

6. Nature of Installation (Check One): NEW _____ ALTERATION _____

7. Type of Fire Protection System:
a. Automatic Sprinkler System _____ No. of heads _____
b. Fire Protection Signaling System (Alarms) _____ Sq. Ft. _____
c. Smoke Control System _____ Sq. Ft. _____
d. Range Hood _____ Extinguishing Agent _____ No. of nozzles _____
e. Standpipe System _____ No. of stories _____ No. of rises _____
f. Fire pump _____
g. Other (Explain) _____
h. Total Cost of Project \$ _____

SIGNATURE _____ TITLE _____ DATE _____

PLEASE SEE REVERSE SIDE OF APPLICATION FOR FEE SCHEDULE

AUTOMATIC SPRINKLER SYSTEMS DESIGN INFORMATION

NAME OF FACILITY _____ OWNER'S NAME _____

ADDRESS _____ CITY/STATE _____

SPRINKLER CONTRACTOR _____ CERTIFICATION # _____

ADDRESS _____ CITY/STATE _____

DESIGN ENGINEER _____ PHONE _____

DESIGN STANDARD Installation of Sprinkler Systems, NFPA-13, Ohio Building Code (OBC). Approved Editions.

Hydraulic Design System Pipe Schedule System

Supervised System (Remote Station Water Flow Alarm Service or Equivalent

System Design

NFPA 13 Lt. Haz. Ord. Haz Gp. 1 2 Ex. Haz. Gp. 1 2

NFPA 231 NFPA 231C Figure _____ Curve _____

Other (Specify) _____

Area of Sprinkler Operation _____

System Type

Density _____ Wet Dry Deluge Pre Action

Area of Sprinkler _____

Sprinkler or Nozzle

Hose Allowance GPM: Inside _____ Make _____ Model _____

Hose Allowance GPM: Outside _____ Size _____ K Factor _____

Rack Sprinkler Allowance _____ Temperature Rating _____

Calculation GPM Required _____ PSI Required _____ At Base of Riser

Summary "C" Factor Used: _____ Overhead _____ Underground _____

Water Supply

City Water Main (Flow test required). Test Hydrants must be on plans.

Static Pressure _____ PSI Residual Pressure _____ PSI at _____ GPM

Sprinkler System Demand @ base of riser: _____

Standpipe System Demand @ base of riser _____

Graph Plotted with water supply curves and system requirements included with plans.

Listed Fire Pump - NFPA - 22, OBC approved edition. Specifications and pump characteristic curves included with plans.

Other (Specify) _____

Commodity Storage

Commodity _____ Class _____ Storage Height _____ Aisle Width _____

Storage Method: Solid Piled _____ % Palletized _____ % Rack _____ %

Single Row Multiple Row Conventional Pallet Automatic Storage Encapsulated

Double Row Slave Pallet Solid Shelving Open Shelving Non-Encapsulated

Flue Spacing in inches Longitudinal _____ Transverse _____ Clearance from storage to ceiling _____

Approved Editions of accepted engineering practices and standards are listed in appendix a of the OBC

Working drawings must be approved prior to installation. All working drawings must conform to Sections 1-9 of NFPA 13, OBC approved edition. Underground piping must be shown on plot plan. To expedite drawings and information submitted for approval attach and arrange one of each drawing and/or sheet to compile five (5) complete sets of drawings for all Use Groups.

I hereby, request approval of the enclosed _____ Signature _____

drawings and information, and certify that _____ Title _____

the information contained herein is, to the _____ Date _____

best of my knowledge, accurate and complete.

**Fire Protection Systems Fees
Plan Review and Permits
City of Elyria**

109.13 (i) **Fire Protection System Plan Review Per Table 108.2:**

1	Automatic Sprinkler	\$200.00 + \$4.50 @ 100 sq. ft.	_____
2	Fire Alarm	\$200.00 + \$4.50 @ 100 sq. ft.	_____
3	Standpipe	\$200.00	_____
4	Fire Pump	\$200.00	_____
5	Other Fire Extinguishing System	\$200.00	_____

For items # 3, 4 and 5 please make check payable to Frank Weber for \$100.00 deducted from total fee.

109.13 (j) **Fire Protection System Permit Fees:**

1	Automatic Sprinkler	\$250.00	_____
2	Fire Alarm	\$250.00	_____
3	Standpipe	\$250.00	_____
4	Fire Pump	\$100.00	_____
5	Other Fire Extinguishing	\$100.00	_____
6	Repair or Minor Work	\$50.00	_____
			Subtotal _____
7	Add 3% State Fee to total permit fee.	3% +	_____
			Total = _____

Permit Fees: Shall be payable to the "City of Elyria" and are due at the time of plan submission.

An additional \$35.00 + 3% state fee must be paid for each resubmittal of the same project.

Submittal Requirements:

1. The license holder shall complete and sign the appropriate application.
2. Submit one copy of the annual certificate from the State Fire Marshal.
- 3. Submit 5 complete sets of plans which include:**
 - a. Hydraulic Design information sheet (sprinkler systems).
 - b. Hydraulic Calculations (sprinkler systems).
 - c. Manufacturer Literature for specific listed equipment.
 - d. Second Power Supply Calculations (alarm systems).