

ORDINANCE NO. 87-3

ADOPTING FIRE PREVENTION REGULATIONS
FOR THE PURPOSE OF
GOVERNING CONDITIONS HAZARDOUS TO LIFE
AND PROPERTY FROM FIRE OR EXPLOSION, AND
ESTABLISHING A BUREAU OF FIRE PREVENTION

BE IT ORDAINED by the Board of Trustees of the Warrenville Fire Protection District of DuPage County, Illinois, as follows:

ARTICLE 1. ADOPTION OF FIRE PREVENTION REGULATIONS.

For the purpose of governing conditions hazardous to life and property from fire or explosion there is hereby adopted by the Board of Trustees of the Warrenville Fire Protection District of DuPage County, Illinois, and incorporated herein by this reference as fully as if set out at length herein (a) that a certain code known as the "FIRE PREVENTION CODE" of the American Insurance Association, 1987 edition and the whole thereof, and (b) that certain code known as the "LIFE SAFETY CODE" of the National Fire Protection Association 1987 edition and the whole thereof. The provisions of the aforesaid codes have been clarified in this Ordinance. These clarified paragraphs, together with this Ordinance, shall be fire prevention regulations within the corporate limits of the Warrenville Fire Protection District from the date on which this Ordinance shall take effect. Three copies of the aforesaid codes have been filed for more than 15 days prior to the adoption of this Ordinance in the office of the Secretary of the Board of Trustees of the Warrenville Fire Protection District, Warrenville, Illinois, where same remain on file and shall continue to be on file and available for use and reference in said office by any interested person. If there is any conflict between the language of this Ordinance and the language of the aforesaid codes, the language of this Ordinance shall prevail over the language of the aforesaid codes, and the language of the FIRE PREVENTION CODE aforesaid shall prevail over the language of the LIFE SAFETY CODE aforesaid.

ARTICLE 2. ESTABLISHMENT OF A BUREAU OF FIRE PREVENTION.

A Bureau of Fire Prevention is hereby established for the purpose of enforcing this Ordinance. The Chief of the Warrenville Fire Protection District shall be by reason of said position be the Chief of the Bureau of Fire Prevention, and he may appoint personnel of the Warrenville Fire Protection District to assist in enforcing this Ordinance.

ARTICLE 3. DEFINITIONS. Wherever the word "Municipality" is used in the code or codes adopted herein by reference it shall be held to mean the Warrenville Fire Protection District. Wherever the term "Corporate Counsel" is used in the code or codes adopted herein by reference it shall be held to mean Attorney for the Warrenville Fire Protection District. Wherever the terms "authority having jurisdiction," "Chief of the Fire Department," or "Fire Department" are used, such terms shall be held to mean the Chief of the Warrenville Fire Protection District.

ARTICLE 4. ESTABLISHMENT OF LIMITS OF DISTRICTS IN WHICH STORAGE OF EXPLOSIVES AND BLASTING AGENTS IS TO BE PROHIBITED.

a. The limits referred to in Section 12.5b of the American Insurance Association's Fire Prevention Code, in which storage of explosives and blasting agents is prohibited are:

Within corporate limits of the Warrenville Fire Protection District except by Special Permit issued by the Chief of the Warrenville Fire Protection District.

ARTICLE 5. ESTABLISHMENT OF LIMITS OF DISTRICTS IN WHICH MANUFACTURING AND STORAGE OF FIREWORKS IS PROHIBITED.

a. The limits referred to in Section 13.3a of the American Insurance Association's FIRE PREVENTION CODE, in which the manufacturer and storage of fireworks is prohibited are :

Within the Corporate limits of the Warrenville Fire Protection District except by Special Permit issued by the Chief of the Warrenville Fire Protection District.

ARTICLE 6. ESTABLISHMENT OF LIMITS OF DISTRICTS IN WHICH STORAGE OF FLAMMABLE LIQUIDS IN OUTSIDE ABOVE GROUND TANKS IS TO BE PROHIBITED.

a. The limits referred to in Section 16.22a of the American Insurance Association's FIRE PREVENTION CODE in which storage of flammable liquids in outside above ground tanks is prohibited are:

Within the Corporate limits of the Warrenville Fire Protection District except by Special Permit issued by the Chief of the Warrenville Fire Protection District.

b. The limits referred to in Section 16.61 of the American Insurance Association's FIRE PREVENTION CODE in which new bulk plants for flammable or combustible liquids are prohibited are:

Within the Corporate limits of the Warrenville Fire Protection District except by Special Permit issued by the Chief of the Warrenville Fire Protection District.

ARTICLE 7. ESTABLISHMENT OF LIMITS IN WHICH BULK STORAGE OF LIQUIFIED PETROLEUM GASES IS TO BE RESTRICTED

A. The limits referred to in Section 21.6a of the American Insurance Association's FIRE PREVENTION CODE in which bulk storage of liquified petroleum gases is restricted are hereby established as:

Within the Corporate limits of the Warrenville Fire Protection District except by Special Permit issued by the Chief of the Warrenville Fire Protection District.

ARTICLE 8. ESTABLISHMENT OF MOTOR VEHICLE ROUTES FOR VEHICLES TRANSPORTING EXPLOSIVES AND BLASTING AGENTS.

a. The routes referred to in Section 12.7o of the American Insurance Association' FIRE PREVENTION CODE for vehicles transporting explosives and blasting agents are hereby established as follows:

Illinois Route 5 (East-West Tollway), Illinois Route 56
Illinois Route 59

ARTICLE 9. ESTABLISHMENT OF MOTOR VEHICLE ROUTES FOR VEHICLES TRANSPORTING HAZARDOUS CHEMICALS OR OTHER DANGEROUS ARTICLES.

a. The routes referred to in Section 20.14 of the American Insurance Association's FIRE PREVENTION CODE for vehicles transporting hazardous chemicals and other dangerous articles are hereby established as follows:

Illinois Route 5, (East-West Tollway), Illinois Route 56
Illinois Route 59

ARTICLE 10. CLARIFICATION OF SECTIONS 1.1, 1.5 and 14.2 OF THE FIRE PROTECTION CODE OF THE AMERICAN INSURANCE ASSOCIATION, 1976 EDITION.

Sections of the aforesaid FIRE PREVENTION CODE of the American Insurance Association, 1987 Edition, are hereinafter referred to in this Ordinance Section as the "Code", and here hereby clarified as follows in keeping with Sections 1.1, 1.5, and 14.2 of the Code:

1. Code Section 11.3 Lighting of Exitways

Emergency power supplies shall be provided from an approved reliable source separate from that providing normal power supply to the building. Stairways, hallways, and other means of egress including exterior open spaces to or through which exit ways lead, shall be adequately lighted at all times that the building served thereby is occupied. Power supplies shall be from an approved reliable source separate from that providing normal power within the building.

2. Code Section 11.6 Number and Location of Exits.

All rooms with accommodations for 10 or more persons shall have 2 separate means of egress.

3. Code Section 13.4 Bond and Responsibility for Fireworks Display Required \$1,000,000 per person and \$1,000,000 per accident insurance liability policy shall be considered as proof of financial responsibility.

4. Code Section 14.2 Survey of Premises and Specifications of Equipment

In keeping with this section of the following are included:

a. Water Supplies for Fire Department Use.

1. All newly constructed buildings shall be served by a supply meeting the regulations of this Section 14.2, except buildings used for single family and two family purposes.
2. No part of any building shall be over 300 feet from a

public fire hydrant.

3. Water Supplies - Quantity -- The following water supplies shall be available commensurate with the hazards therein:

a. Single family Detached Residential	1000 gpm
b. Town/Row or Cluster Housing	1500 to 2000 gpm
c. Apartment-Type Construction	3000 to 4000 gpm
d. Industrial Type Development	3000 to 5000 gpm
e. Research & Development Labs	3000 to 4000 gpm
f. Business and Commercial Areas	3000 to 4500 gpm
g. Mercantile Centers	3000 to 6000 gpm

4. Fire Hydrant Locations

- a. Fire hydrants shall be located along public streets so that no portion of the building will be over 300 feet from a fire hydrant. Where this is not possible, additional hydrants should be located on the premises accessible to motorized fire apparatus.
- b. One hydrant shall be located at each intersection and intermediate hydrants where distance between intersections exceeds 400 feet.
- c. Where street or parking lots dead end, hydrants shall be placed along the access route.
- d. At least two (2) fire hydrants shall be located within 300 feet of the building.
- e. Additional fire hydrants shall be provided within 500 feet of the building so that the fire flow required, divided by 1000 will equal the number of hydrants available.
- f. Hydrants should be so located that:
 1. Hydrants will be located approximately 10 feet from all-weather roadways. If this cannot be done, the closest part of the hydrant shall be set back at least two feet from the curb line.
 2. Hydrants should be located approximately 25-50 feet from the building to be protected.
 3. Access to fire hydrants shall be by all weather roadways adequate in width, clearance and strength for fire fighting purposes. Such routes shall be maintained accessible during all seasons of the year. Legal provisions will be required for private roads to assure accessibility.
- g. Fire hydrants used in conjunction with water supplies shall meet the standards of the American Water Works Association Standard No. C-502, and shall have two 2 1/2 inch and

one 4 1/2 inch outlets with auxiliary gate valves on the hydrant branch line. Threads shall be American National Standard. Four and one-half inch outlets shall face roadways.

- h. Fire hydrants shall be protected from accidental damage by approved methods when located in area subject to vehicular damage.
5. All fire hydrants shall be properly maintained assuring adequacy and reliability of operation, including keeping hydrants clear of water and snow.
- b. Fire Extinguishers. An approved complement of fire extinguishers be provided and maintained in each building. The location and type shall be approved by the Chief of the Bureau of Fire Prevention. Compliance with National Fire Protection Association No. 10 "Standard for the Installation of Portable Fire Extinguishers", 1987 edition, shall be evidence of compliance of this provision.
 - c. Identification of Hazardous or Flammable Vapors, Liquids or Solids
All reactive flammable and toxic gases, liquids and solids shall be identified in a manner and approved by the Chief of the Bureau of Fire Prevention. Compliance with National Protection Association No. 704, "Identification System for Fire Hazards of Materials", 1987 edition, shall be evidence of compliance with this provision.
 - d. Fire Alarm Systems. Approved fire alarm systems shall be provided meeting the following criteria:
 1. Approved fire alarm systems shall be provided in the following locations:
 - a. Residential Uses -- All hotels, motels, lodging houses, dormitories, apartments, townhouses and all other multifamily residential structures.
 - b. Schools -- All schools, public and private, including classrooms of religious institutions.
 - c. Other Buildings -- Where such building is over one story in height, or where such building of one story exceeds 3,000 square feet.
 2. The System shall be designed and installed in accordance with the following:
 - a. an approved automatic fire alarm system shall include manual pull stations and automatic detection equipment. Smoke detection type devices shall be used to protect sleeping areas. Installation and systems in compliance with National Fire Protection Association No. 72A, "Local Protection Signalling System", 1987 edition, shall be evidence of compliance with this provision. An independent approved secondary power supply shall be included for emergency system operations.

- b. The fire department shall have access at any time of the day or night to the fire alarm control panel without entering an individual living (dwelling) unit.
- c. All buildings other than for residential uses shall be interconnected to an approved location providing 24 hour supervision of alarm and system trouble.
- d. Automatic sprinkler protection interconnected to the fire alarm system may be used in lieu of automatic detection equipment.
- e. Not less than six automatic detection devices of each type used shall be maintained on the premises.
- f. Floor and floor areas shall be zoned to readily identify the alarm location.
 - 1. Each floor shall be separately zoned and where the individual floor area per floor exceeds 10,000 square feet each, such area or part of such area shall be separately zoned.
 - 2. In residential uses, each living unit shall be provided with an identifying device indicating which detection device is in the alarm mode. This device shall be identifiable in accessible areas outside the living unit.
 - 3. Annunciator panels shall be provided where more than one zone is provided. The panel shall be visible from the building exterior or other approved location.
- e. Fire Procedure Notices. Owners, managers and agents of multiple dwelling units with three or more living units, shall post and maintain in a conspicuous location within each dwelling unit a notice in writing which explains what procedures to use in the event of a fire. The notice shall contain a diagram of all fire exits.
- f. Emergency Interior Access. The interiors of all buildings, except single family uses, shall be accessible at all times for fire department rescue, emergency life saving and fire fighting operations. When this access is unduly difficult because of secured openings, a Key box of a type approved by the Chief of the Bureau of Fire Prevention installed in a readily accessible location may be used.

5. Code Section 14.4. Automatic Sprinkler System, includes Installation in New Buildings Exceeding Four Stories or 50 feet in Height.

Approved automatic sprinkler systems shall be installed in all new buildings exceeding 4 stories or 50 feet in height when same are constructed.

6. Code Section 14.5. Standpipes; includes:

All standpipe systems shall have flow switches interconnected to the building fire alarm system.

7. Code Section 16.23. Installation of Underground Tanks; includes:

Liquid Sump. A Sump shall be provided at an approved location between underground tanks and public sewer lines or where required by the Bureau of Fire Prevention.

8. Code Adds: Section 16.28. Retesting All tanks and piping shall be retested every five years when less than 15 years of age and every two years thereafter.

9. Code Adds: Section 16.38. Retesting. All tanks and piping shall be retested every five years when less than 15 years of age and every two years thereafter.

10. Code Section 16.76. Operational Requirements & Self Service; includes:

A splash guard device shall be provided on each nozzle to prevent back splash on the operation of the nozzle; and no latch open devices of any type are permitted to be used.

11. Code Section 16.99. Parking and Garaing is revised to read:

No tank vehicle shall be left unattended on any street, highway, avenue, alley or other location within the Warrenville Fire Protection District, inside or outside of a building or structure, public or private property, except locations where the use and handling of flammable and combustible gases are allowed by Special Permit by the Chief of the Warrenville Fire Protection District.

12. Code Section 21.10. Parking and Garaing is revised to read:

No tank shall be left unattended on any street, highway, avenue, alley or other location within the Warrenville Fire Protection District, inside or outside of a building or structure, public or private property, except locations where the use and handling of flammable and combustible gases are allowed by Speical Permit by the Chief of the Warrenville Fire Protection District.

13. Code Section 28.16. Fire Lanes on Private Property, Devoted to Public Use, is clarified to read as follows:

- a. Public or private access shall be provided to each building so that each first responding fire department pumper unit will be able to be so located that all points of the interior of the building may be reached by 150 feet of initial attack hose. Where the size or height of the building do not allow this regulation to be met, an interior standpipe system equipped with fire department hose connections approved by the Chief of Warrenville Fire Protection District may be allowed as an exception. The standpipe system shall be connected to a public water system.
- b. Public or private access for motor fire apparatus shall be provided around the building so that there may be proper operation of the ladders and mechanical elevated machanisms. Minimum width of the fire lanes shall be 10 feet with greater widths to accommodate vehicles when turning.
- c. Access routes shall be so arranged that the fire department apparatus may respond from all points of the building to adjacent fire hydrants along routes not to exceed 300 feet from the most remote point of the building to the closest fire hydrant.

- d. Fire lanes on private property shall be approved by the Chief of the Warrenville Fire Protection District, and parking of motor vehicles or otherwise obstructing fire lanes or access routes shall be prohibited at all times. Permanent all-weather signs shall be posted identifying fire lanes and accessways.
- e. Private fire department access roads and roadways shall be properly maintained and accessible at all times.

ARTICLE 11. MODIFICATIONS. The Chief of the Bureau of Fire Prevention shall have the power to modify any of the provisions of this Ordinance upon application in writing by an owner or lessee, or his duly authorized agent, when there are practical difficulties in carrying out the strict letter of this Ordinance, provided that the spirit of the Ordinance shall be observed, public safety secured, and substantial justice done. The particulars of such modifications when granted and the approval of the Chief of the Bureau shall be in writing and kept on file in the office of the Bureau of Fire Prevention, and a signed copy shall be furnished the applicant.

ARTICLE 12. APPEALS. Whenever the Chief of the Bureau of Fire Prevention shall disapprove an application, or refuse to grant a permit, or when it is claimed that the provisions of the Ordinance do not apply, or that the true intent and meaning of the Ordinance have been misconstrued or wrongly interpreted, the applicant or person affected may appeal from the decision of the Chief of the Bureau of Fire Prevention to the Board of Trustees of the Warrenville Fire Protection District by written notice filed in the office of the Secretary of said Board within 30 days from the date of the decision being appealed. The said Board shall call a hearing on said appeal within 20 days of said notice of appeal filing, and shall render a decision in writing 10 days after completing such a hearing. Nothing shall render a decision in writing 10 days after completing such a hearing. Nothing herein shall restrict the Chief of the Bureau of Fire Prevention from seeking immediate enforcement or the regulations of this Ordinance in court where the hazard involved requires such action.

ARTICLE 13. PERMITS AND APPROVALS. The following applies to required permits and approvals:

a. Use Permits. All buildings except one and two family and town-row housing are required to have a Use Permit issued by the Bureau of Fire Prevention verifying that it meets the requirements of the Fire Prevention Ordinance.

1. No Use Permit shall be issued unless the building is in conformance with the requirements of the Fire Prevention Ordinance

2. The Use Permit shall be required for all existing buildings.

3. Revised Use Permits shall be required for buildings which change use, special hazards controlled by this Ordinance, are added to, remodeled or altered.

4. Use Permits shall expire annually from the date of issuance and may be renewed if building occupancies are maintained in conformance with this Ordinance.

b. Special Permits. Where Special Permits are required by this Ordinance, the application shall be made to the Bureau of Fire Prevention. The Bureau shall determine criteria, limitations and duration of Permits and shall not issue Special Permits until the appropriate requirements are met.

ARTICLE 14. PENALTIES. Any person, firm or corporation who violates, disobeys, omits, neglects, or refuses to comply with, or who resists the enforcement or any of the provisions of this Ordinance including the codes adopted herein by reference or who refuses to remedy a violation of same, shall be fined not less than \$50 nor more than \$500 for each offense; and each seven days that a violation continues shall constitute a separate offense. The application of a penalty shall not be held to prevent legal action to enforce removal of the prohibited conditions.

ARTICLE 15. EMERGENCY CONDITIONS. In case there shall be, in the opinion of the Chief of the Bureau of Fire Prevention, actual and immediate danger to life and property from the hazards of fire and explosions arising from the storage, handling and use of hazardous substances, materials and devices, and from conditions hazardous to life or property in the use or occupancy of building or premises, the Chief of the Bureau of Fire Prevention shall employ such labor and machinery, equipment and devices and cause the necessary work to be done to render said occupants or property temporarily safe, whether the procedure prescribed in this section has been instituted or not. The Board of Trustees of the Warrenville Fire Protection District shall cause proper action to be instituted against the owner of the premises for the recovery costs incurred by the Warrenville Fire Protection District in the performance of the emergency work.

ARTICLE 16. CONFLICTING ORDINANCES: PARTIAL INVALIDITY. All former ordinances or parts thereof conflicting or inconsistent with the provisions of this Ordinance or the codes adopted herein by reference, are hereby repealed. Should a court of competent jurisdiction hold that any part of this Ordinance or any part of the codes adopted herein by reference, is invalid, such holding shall not invalidate the remainder.

ARTICLE 17. EFFECTIVE DATE. This Ordinance and the codes adopted herein by reference shall be in full force and effect 10 days after publication of this Ordinance.

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ORD 87-3

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PLEASE REPLY TO Elmhurst

April 21, 1987

Mr. Barry Moss
Attorney at Law
205 West Briarcliff Road
P.O. Box 1158
Bolingbrook, IL 60430

Re: Warrenville Fire Protection District/City of Warrenville

Dear Barry:

Enclosed find a copy of the proposed ordinance for establishment of the Fire Prevention Bureau for the Warrenville Fire Protection District in conjunction with the City of Warrenville.

Some terms of the ordinance as it relates to the District will have to be changed regarding the Fire Fighting specifications and the like.

It is my understanding that the City of Warrenville is also interested in establishing the Fire Protection Bureau in conjunction with the District.

One of the problems the District would have, would be enforcement of the Fire Prevention code due to the fact that, absent an agreement, the Fire Chief, in my opinion, would not be able to enforce the code violations within the City of Warrenville since that is under jurisdiction of the City. He only would be able to enforce violations in the territory of the District, which lies outside the city limits. I assume that the States Attorney might agree to handle the prosecution of all code violations, and certainly they would probably agree to handle the prosecution outside city limits.

I would appreciate your comments on the property ordinance and problems that we foresee.

Please advise as quickly as possible.

Very truly yours,

John Panegasser, P.C.

JP/nm

Enclosure(s):

cc: Mr. Kenneth J. McNatt ✓
Mr. Dean L. Tierney
Mr. Tim P. Sternberg