



Chapter 7 – ADOPTION OF REGULATIONS

8- 7-1 Building Regulations Adopted

The following codes are hereby adopted by reference as a part of the Building Ordinance of the Village of Hodgkins, Illinois, subject, however, to the modifications and exceptions set forth herein.

Regulations for Detached Single-Family Residential Permits and Multiple Single-Family Dwellings (Townhouses) as Defined by the International Residential Code (IRC):

- International Residential Code for One- and Two-Family Dwellings (IRC), 2003 Edition.
- Illinois State Plumbing Code (ISPC), Latest Edition as mandated by the State of Illinois.
- Village of Hodgkins Fair Housing Policy.
- NFPA 70, National Electric Code (NEC), Latest Edition.
- International Property Maintenance Code (IPMC), 2003 Edition.
- Village of Hodgkins Rental Residential Housing Code.
- Village of Hodgkins Neighborhood Preservation Program.

Regulations for Commercial, Industrial, and all Permits **Other Than** Detached Single-Family Residential, Multiple Single-Family Dwellings (Townhouses), and One UPS Way (United Parcel Services) pursuant to the annexation agreement between the Village of Hodgkins and UPS. All building code changes and modifications do not apply:

- International Building Code (IBC), 2003 Edition.
- International Mechanical Code (IMC), 2003 Edition.
- International Fuel Gas Code (IFGC), 2003 Edition.
- International Energy Conservation Code (IECC), 2006 Edition.
- Illinois State Plumbing Code (ISPC), Latest Edition as mandated by the State of Illinois.

- International Fire Code (IFC), 2003 Edition.
- International Property Maintenance Code (IPMC), 2003 Edition.
- NFPA 70, National Electric Code (NEC), Latest Edition.
- NFPA 101, Life Safety Code (NFPA 101), 2003 Edition.
- Illinois Accessibility Code (IAC), Latest Edition as mandated by the State of Illinois.

(The Codes above are hereby Amended as set forth in the following Subsections.)

I. Whenever the provisions of this Ordinance conflict with specific or implied provisions of the codes, rules, or regulations set forth in Section 8-701, as herein incorporated, the provisions of this Ordinance shall prevail and govern.

II. International Residential Code for One- and Two-Family Dwellings (IRC), 2003 Edition.

The following sections of the International Residential Code (IRC) are deleted, modified, amended, or added:

1. Section 8- R101.1 Title. Add the Village of Hodgkins in the space provided for [Name of Jurisdiction].
2. Section 8- R104.10.1 Areas Prone to Flooding. Delete the entire paragraph after the section heading and replace with: For regulations pertaining to construction in special flood hazard areas in addition to storm water run-off requirements, refer to Section 8- 11 of the Village of Hodgkins Municipal Code.
3. Section 8- R105.2 Work Exempt from Permit. Delete the entire section up to 8- R105.2.1 and replace with: Refer to Section 8- 221 Permit Waived for Ordinary Repairs of this Ordinance.
4. Section 8- R105.3.2 Time Limitation of Application. Delete the entire paragraph after the section heading and replace with: Refer to Section 8- 222.1 of this Ordinance.
5. Section 8- R105.5 Expiration. Delete the entire paragraph after the section heading and replace with: Refer to Section 8- 222 of this Ordinance.
6. Section 8- R112.1 General. Delete all sections 8- R112.1 through 8- R112.4 and replace with: Section 8- R112.1 General. The Village Board shall function as the Board of Appeals. All appeals shall be submitted in writing no more than thirty (30) days after the issuance of a violation notice on the matter to be appealed.
7. Table 8- R301.2.(1) Insert the following data:

TABLE 8- R301.2.(1)
CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

Ground Snow Load	Wind Speed (mph)	Seismic Design Category	Subject to Damage From			
			Weathering	Frost line Depth	Termite	Decay
25 P.S.F.	90 mph	B	Severe	42°	Moderate to Heavy	Slight To Moderate

Winter Design Temp.	Ice Shield Under-Layment Required	Flood Hazards	Air Freezing Index	Mean Annual Temp.
0° F	Yes	*	1600	41° F

8. Section 8- R313.1(4) Smoke Alarms. Add the following sentence: For the purpose of this section “immediate vicinity” shall mean within 15’-0” of the bedroom door.
9. Section 8- R403.2 Wood Foundations. Delete this section and add: Wood Foundation systems are not permitted.
10. Section 8- R403.2 Footings for Wood Foundations. Delete this section in its entirety.
11. Section 8- R403.3, R403.3.4 Frost Protected Shallow Foundations. Delete these sections.
12. Section 8- R404.1.8 Delete this section in its entirety.
13. Section 8- R404.2 Wood Foundation Walls through R404.4.11 Delete all sections and tables in their entirety and add: Wood foundation and ICF foundation systems are not permitted.
14. Section 8- R405.2 Wood Foundations. Delete this section in its entirety.
15. Section 8- R406.3 Dampproofing for Wood Foundations. Delete this section in its entirety.
16. Section 8- R504 Pressure Preservatively-Treated Wood Floors (On Ground). Delete this section in its entirety and add the following: Treated wood floors are not permitted to bear directly on ground.
17. Section 8- R505 Steel Floor Framing. Delete all sections and tables in their entirety.

18. Section 8- R603 Steel Wall Framing. Delete all sections, figures, and tables and add the following: Steel wall framing is not permitted for load bearing walls. Steel wall framing is permitted for non-load bearing walls and furring.
19. Section 8- R611 Insulating Concrete Form Wall Construction. Delete all sections, figures, and tables and add the following: ICF wall construction is not permitted.
20. Section 8- R702.3.4 Insulating Concrete Form Walls. Delete this section.
21. Section 8- R804 Steel Roof Framing. Delete this section in its entirety.
22. Section 8- R1005.2 Exterior Air Intake. Delete the following from the first sentence: "or from spaces within the dwelling ventilated with outside air such as crawl or attic spaces."
23. Section 8- R1005.6 Add a new section: All masonry fireplace combustion air ducts shall be class 0 non-combustible ducts.
24. Delete Chapters 25 through 32 in their entirety.
25. Adopt Appendix G Swimming Pools, Spas, and Hot Tubs.
26. For specific construction requirements, fire suppression, and fire alarm requirements for townhouses and multiple-family dwellings, see the amendments in Subsection XIII, International Fire Code, of this Ordinance.
27. Temporary one-story frame construction sheds or a trailer not exceeding five hundred (500) square feet for use of builders during the period of construction. Such shed or trailer shall be removed by the owner or person in control thereof within thirty (30) days after the construction has been completed and premises occupied by the owner, and each day any such shed or trailer is permitted to remain after said date shall constitute a separate violation of this Code.
28. In all residential districts wood frame structures are permitted. (Amd. 10-9-06, Ord. 06-17)
29. Solid masonry and/or frame garages in the R Zones only. (Amd. 10-9-06, Ord. 06-17)
30. Laminated beams or trusses made of wood or other material with equivalent fire resistance or support to steel.
31. Schools, colleges, assembly halls, dance halls, bowling alleys, and auditoriums over one story in height, shall have floors of not less than one-hour fire resistance.
32. Metal Buildings are not allowed in residential District except storage sheds.

33. Multi-family structures containing three or more living units, or one or more living units in a structure containing any other type of use such as business or industrial. The fire resistance rating of structural elements (including walls, floors, and roof) and tenant separation or party walls shall be a minimum of two hours and shall be constructed of masonry or concrete. Exterior and load bearing wall construction shall be of masonry. All floors shall be of the precast concrete type, or poured concrete type having at least a two-hour fire resistance rating.
34. No person shall use any waste for the construction of any roadway, ramp, hill, berm, or other structure, including as backfill, except as permitted.
- A. Clean construction or demolition debris (as defined by the Illinois Environmental Protection Act), recycled concrete grindings may be used upon the issuance of a building permit by the Village. A building permit will be issued by the Village after review and approval of plans only for a bona fide construction project and not for a project which is a subterfuge for the disposal of such materials.
 - B. All material which is used pursuant to a building permit must not be contaminated. It is the responsibility of the permittee to inspect materials and when deemed appropriate, test such material to determine that they are not contaminated. The permittee shall allow the Village to test such materials where the Village has probably cause to suspect contamination. All contaminated materials must be removed when ordered by the Village.

III. Illinois State Plumbing Code (ISPC), Latest Edition

The following items are changes, additions, or deletions to the Illinois State Plumbing Code:

A. Temporary construction water

1. Backflow protection is required on all water outlets taken from the Village water supply.

A. Plumbing materials

1. Drain, waste, vent
 - a. Schedule 40 PVC below ground (1 & 2 family dwellings only)
 - b. Cast iron
 - c. Copper type K, L, M no DVV
 - d. Ductile iron
 - e. Schedule 40 PVC (above ground only)

2. Water
 - a. Type L or M only above ground
 - b. Type K copper below grade
 - c. Brass
 - d. Galvanized

3. Storm drainage
 - a. PVC Schedule 40 or greater above grade
 - b. Cast iron or ductile iron below grade
 - c. Clean out at base of stack

B. Pipe Sizing

1. Drain and waste
 - a. Minimum sewer size 4 inch
 - b. Full-size clean out within 5 feet of foundation wall
 - c. Minimum size to kitchen sink 2 inch
 - d. Future bathroom in basement requires minimum two-inch ejector pump

2. Water service sizes allowed
 - a. Minimum 1 inch except on a smaller existing tap where the sizing complies with the Illinois Plumbing Code

 - b. Allowable sizes 1-1/2 inch or greater depending on fixture count
 - c. Assumes simultaneous use of all fixtures

 - d. Full-size shut off valves the same size as the water service

C. Joints and connections

1. Drain, waste, and vent
 - a. Purple primer required
 - b. Proper adapter between PVC and other materials required
 - c. No push rubber compression gaskets above ground for cast iron
 - d. All closet collars must be properly secured to sub floor
Screws for wood floor Anchors drilled or poured in concrete
 - e. No wet vents

2. Water
 - a. Lead free solder
 - b. Flare, water service compression below grade
 - c. Compression connection from fixture shut-off to fixture only

- d. No compression on main distribution piping
 - e. No compression or corrugated water pipe at water heater
 - f. Dielectric union at water heater or dissimilar metals
 - g. Plastic or polybutylene faucets supplies not allowed
 - h. Vacuum relief valve on all elevated or bottom inlet water heaters
 - i. Minimum 10-foot separation between sewer and water service line or water service line shelved 18 inches above sewer
3. Storm
- a. Clean out at base of stack
 - b. Purple primer on PVC inch opening below roof
 - c. Air and water same as residential

D. Water saving regulations

1. All new water services shall be metered.
2. No potable water shall be used for the flushing of main line sanitary sewers.
3. Water saving plumbing fixtures shall be installed as follows:
 - a. In all new construction and in all repair and replacement of fixtures or trim, only fixtures and trim not exceeding the following flow rates and water usage shall be installed. These ratings are based on a pressure at the fixture of 40 to 50 psi.

Water closets, tank type	1.6 gal. per flush
Water closets, flushometer	3.0 gal. per flush
Urinals, tank type	3.0 gal. per flush
Urinals, flushometer type	3.0 gal. per flush
Lavatory, sink faucets	3.0 gal. per min.

- b. Lavatories for Public Use: In addition to the requirements of subsection A above, in all new construction and replacement of fixtures, faucets, or lavatories located in restrooms intended for public use shall be of metering or self-closing type.
- c. Car Wash Installation: In all new construction and replacement of fixtures, car wash installations shall be equipped with a water recycling system. (1979 Municipal Code §9.50, §9.80)
- d. Installation of Closed Air Conditioning: All new construction and all new remodeling shall have installed a closed system of air conditioning. (1985 Code)

IV. NFPA 70, National Electrical Code (NEC), Latest Edition

The following sections of the NEC are deleted, modified, amended, or added:

1. Article 80 – Delete this section in its entirety and add the following: The Village Board shall function as the Board of Appeals. All appeals shall be submitted in writing not more than thirty (30) days after the issuance of a violation notice.
2. Delete the following articles in the National Electric Code: (The following wiring methods are not permitted.

Article 320 – Armored Cable: Type AC

Article 326 – Integrated Gas Spacer Cable: IGS

Article 330 – Metal-clad Cable: Type MC

Article 332 – Mineral-insulated, Metal Sheathed Cable:
Type MI

Article 334 – Non-metallic Sheathed Cable: Types NM,
NMC, and NMS

Article 338 – Service-Entrance Cable: Type Se and USE

V. International Mechanical Code (IMC), 2003 Edition

The following sections of the International Mechanical Code are deleted, modified, amended, or added.

1. Section 101.1 Title. Insert Village of Hodgkins in the space provided for [name of jurisdiction].
2. Section 106.5.2 Fee Schedule. See Section 250 in this Ordinance.
3. Section 106.5.3 Fee Refunds. Delete this section in its entirety.
4. Section 108.4 Violation Penalties. Delete this section in its entirety and replace with Article V, Section 501, of this Ordinance #860.
5. Section 108.5 Stop Work Orders. Enter \$200.00 in the space provided for [Amount] and delete the last part of the sentence “or more than [amount] dollars.”
6. Section 109 Means of Appeal. Delete this section and add the following: “The Village Board shall function as the Board of Appeals. All appeals shall be submitted in writing no more than thirty (30) days after the issuance of a violation notice.

VI. International Fuel-Gas Code (IFGC), 2003 Edition

The following sections of the International Fuel-Gas Code are deleted, modified, amended, or added.

1. Section 101.1 Title. Insert Village of Hodgkins in space provided for [name of jurisdiction].
2. Section 106.5.2 Fee Schedule. See Section 250 of this Ordinance.
3. Section 106.5.3 Fee Refunds. Delete this section.
4. Section 109 Means of Appeal. Delete this section and add the following: "The Village Board shall function as the Board of Appeals." All appeals shall be submitted in writing no more than thirty (30) days after the issuance of a violation notice.

VII. International Property Maintenance Code (IPMC), 2003 Edition

The following sections of the International Property Maintenance Code are deleted, modified, amended, or added.

1. Section 101.1 Title. Insert Village of Hodgkins in the space provided for [name of jurisdiction].
2. Section 103.6 Fees. Delete this section and see Section 250 of this Ordinance.
3. Section 106.4 After the work thereof in the third line, insert not less than fifty dollars (\$50.00) nor more than five hundred dollars (\$500.00) each day.
4. Section 111 Means of Appeal. Delete this section in its entirety and add the following: "The Village Board shall function as the Board of Appeals. All appeals shall be submitted in writing no more than thirty (30) days after the issuance of a violation notice.
5. Section 302.4 Weeds. Insert 6 inches in the [Height] spaces provided.
6. Section 303.14 Insect Screens. Insert May 1st and October 15th in the [Date] spaces provided.
7. Section 602.3 Heat Supply. Insert October 15th and May 1st in the [Date] spaced provided.
8. Section 602.4 Occupiable Work Spaces. Insert October 15th and May 1st in the [Date] spaces provided.

VIII. Illinois Accessibility Code (IAC), Latest Edition

No changes, deletions, or modifications to the Illinois Accessibility Code.

IX. International Energy Conservation Code (IECC), 2003 Edition

1. Section 101.1 Title. Insert Village of Hodgkins in the space provided for [Name of Jurisdiction].
2. Section 302 Thermal Design Parameters. Enter Table 302.1.

CONDITION	VALUE
Winter ^a , Design Dry-bulb (°F)	0°
Summer ^a , Design Dry-bulb (°F)	91°
Summer ^a , Design Wet-bulb (°f)	75°
Degree days heating ^b	6155
Degree days cooling ^b	830
Climate Zone ^c	14B

X. International Building Code, 2003 Edition

The following sections of the IBC are deleted, modified, amended or added:

- A. 101.1 Insert the Village of Hodgkins.
- B. Change as follows: Referenced Codes and Standards: The standards referenced in this code and listed in Chapter 35 shall be considered part of the requirements of this code to the prescribed extent of each such reference.
- C. 108.2 See Fee Schedule Section 8- 250 in this Ordinance.
- D. 112 Board of Appeals. Delete entire section. The Village Board shall function as the Board of Appeals. All Appeals shall be submitted in writing no more than thirty (30) days after the issuance of a violation notice on the matter to be appealed.
- E. 113.4 Penalties. See Section 8- 701 in this Ordinance.
- F. 114 Stop Work Orders
- G. 310.3 Add the following: For walls and openings in R-3 and R-4 Use groups within six (6) feet of adjacent buildings or property lines, a two (2) hour fire resistance rating shall be provided. All two (2) hour fire resistive rated walls shall either protrude through the outer roofline or shall have horizontal roof line protection, as shall be approved by the Code Official.

- H. Table 708.1 Change as follows: Line 4 tenant spaces change to one (1) hour with no exceptions. See Fire Prevention Code F317.1 and .2.

Fire Sprinklers

- I. Section [F] 903.2(a) Add the following: All new construction over one (1) story in height and all other one (1) story buildings over two thousand (2,000) square feet in area. Exception: Detached single-family residences.
- J. Section [F] 903.2(b) Add the following: All stories below grade. Exception: Detached single-family residences.
- K. Section [F] 903.2(c) Approved NFPA 13R with additional protection of bathrooms and closets. Automatic fire sprinkler system shall be installed in all new multi-family residential premises “shall mean a building or portion thereof containing more than four (4) dwelling units.”
- L. Section [F] 903.2(d) Approved NFPA 13R with additional protection of bathrooms and closets. Automatic fire sprinkler system shall be installed in all existing multi-family residential premises or portion thereof containing more than four (4) dwelling units and all residential units within a mixed-use group structure, regardless of construction type.
- M. Section [F] 903.2(e) Fire Alarm monitoring of Fire Sprinkler System in multi-family residential shall be in compliance with NFPA72 audible and visual alarm devices and shall be required on the exterior of the building and each apartment shall have at least one visual and audible alarm device within the living quarters.
- N. Section [F] 903.2(f) All fire sprinkler systems, water control valves shall be located no less than two (2) feet nor more than five (5) feet above the finished floor and subject to the approval of the Fire District.
- O. Section [F] 903.2(g) Backflow prevention devices are required to be installed on all sprinkler systems, where water source is served by a public water supply system.
- P. Section [F] 903.2(h) Fire Department sprinkler connections shall be required and subject to the approval of the Fire District.
- Q. Section [F] 903.2(l) Any violation of or interference with the enforcement of any provision of Section 8-2-5-2-1 through and including sections 8-2-5-2-6 shall be punishable by a fine of not less than \$500.00 and not more than \$1,000.00 for each offense. Each day that a violation continues shall constitute a separate and distinct offense for which a fine herein provided shall be imposed.

Standpipe Systems

- R. Section [F] 905 Standpipe Systems. add: Standpipes shall be installed on new construction when:

1. Any part of the building is over thirty (30) feet above the lowest level for access.
 2. Any floor of the building is three (3) or more stories in height.
 3. When any part of the building is over one hundred fifty (150) feet from where the closest fire department vehicle can operate.
 4. Design Requirements: All standpipes shall be Class I or III system designed and installed in accordance with NFPA #14, Standpipe and Hose Systems, current Edition.
 5. All two and one half (2-1/2) inch outlets shall include a two and one-half (2-1/2) by one and one-half (1-1/2) inch reducer with a one and one-half (1-1/2) inch cap.
 6. Maintenance and Testing: The maintenance program for fire protection systems and components shall conform to the requirements in this Ordinance.
 7. Vacant Buildings: Vacant or unoccupied buildings or portions thereof shall maintain all required sprinkler, standpipe, and/or protective signaling systems and all component parts in a workable condition at all times.
 8. The system(s) shall be tested in the presence of the appropriate Fire District's Code Official if the adequacy of the system(s) is required.
- S. Section [F] 905.3A Add the following: Any floor of the building is three (3) or more stories in height.
- T. Section [F] 907.2.9 Delete text and add: All R-2 occupancies.
- U. Section [F] 907.2.23 Add the following: All buildings having multiple uses including residential except detached (single-family homes).
- V. Section [F] 907.2.24 Add the following: All Townhomes.
- W. Section [F] 907.2.25 Add the following: Two (2) story buildings over two thousand (2,000) square feet.
- X. Section [F] 1014.1 Add the following sentence: All areas, rooms, and spaces over 2,000 square feet shall have a minimum of two separate remote exits.
- Y. Table 1016.1 Delete the fire resistance rating reduction for corridors "with sprinkler systems" for group R and add: All corridors shall have a one-hour fire resistance rating (minimum).

Z. Section [F] 1018.2 Add item number 4 as follows: All buildings over 2,000 square feet shall have a minimum of two separate remote exits.

AA. Section [F] 1023.6 Hard Surface Requirements and Remove all Exceptions: Delete the exceptions and add: From any exit discharge to the public way, the walking surface shall be a paved or other permanent hard surface that shall be maintained year round as approved by the Code Official.

BB. Section [F] 1805.4.6 Wood foundations – Delete entire section. Wood foundations are not permitted.

CC. Delete Chapter 11, Accessibility and replace with “See Article VII, Section 8- 701 IV of this Ordinance.

DD. Delete Chapter 27, Electrical, and replace with “See Article VII, Section 8- 701 IV of this Ordinance.

EE. Delete Chapter 29, Plumbing Systems, and replace with “See Article VII, Section 8- 701 III of this Ordinance.

FF. Use of Waste Materials, Permit Required:

1. No person shall use any waste for the construction of any roadway, ramp, hill, berm, or other structure, including as backfill, except as permitted in this Section.
2. Clean construction or demolition debris (as defined by the Illinois Environmental Protection Act), recycled concrete grindings may be used upon the issuance of a building permit by the Village. A building permit will be issued by the Village after review and approval of plans only for a bona fide construction project and not for a project which is a subterfuge for the disposal of such materials.
3. All material which is used pursuant to a building permit must not be contaminated. It is the responsibility of the permittee to inspect materials and when deemed appropriate, test such material to determine that they are not contaminated. The permittee shall allow the Village to test such materials where the Village has probable cause to suspect contamination. All contaminated materials must be removed when ordered by the Village.
4. Any person using any clean construction or demolition debris (as defined by the Illinois Environmental Protection Act), recycled concrete grindings pursuant to a building permit shall maintain records containing the following information: name of the generator of the material and where generated, name of the transporter of the material, and date of delivery. The permittee shall maintain permanent records at the job site which records are available for inspection by the Village. Not less often than once a week, the permittee shall provide a record to the Village showing

the customers dumping material at the site and the number of loads dumped.

5. The building permit fee for use of clean construction or demolition debris (as defined by the Illinois Environmental Protection Act), recycled concrete grindings shall be \$250.00 for the initial review of plans and \$3.00 per truck of materials dumped at the site. The \$3.00 fee shall be determined on a monthly basis and shall be paid to the Village by the 15th day of the following month. The permit fee shall be accompanied by documentation showing how the total fee was calculated. In addition, the permittee shall be required to reimburse the Village of any testing costs if the test determines that contaminated materials have been dumped at the site. (Ord. 99-2, 3/8/99)

XI. NFPA 101 Life Safety Code, 2003 Edition

There are no changes, deletions, or modifications to NFPA 101 Life Safety Code.

XII. International Fire Code (IFC), 2003 Edition

The following sections of International Fire Code are deleted, modified, amended, or added:

- A. F-101.1 Insert: Village of Hodgkins.
- B. F-101.1 Insert: It is hereby noted that the Village of Hodgkins defers plan review authority regarding matters of fire prevention and fire protection to the Fire Protection District with ultimate final authority for decisions given to the Village of Hodgkins Board of Trustees.
- C. F-102.6 Change as follows: Reference Standards: The standards referenced in this Code and listed in Chapter 45 shall be considered part of the consideration of this Code to the prescribed extent of each such reference
- D. F-103.1.1 It shall be the duty and responsibility of the Chief Administrator of the Fire District, or his designee, to enforce the provisions of this Code. The designated enforcement officer of this Code is herein referred to as the Code Official.
- E. F-104.11.3 Add: Barricading Vacant or Fire Damaged Property: Every person owning or having charge or control of any vacant or fire damaged building shall remove all combustible waste and refuse therefrom and lock, barricade, or otherwise secure all windows, doors, and other openings in the building to prohibit entry by unauthorized persons.
- F. F-105.4.1 Add: Analysis Review and Approval of New Construction Plan: The Fire Protection District's Bureau of Fire Prevention shall analyze, review, and

approve all plans for new construction (as defined by this Code) in that District; that approval will certify that, if the construction is completed in conformity with the plans and specifications submitted to the Bureau of Fire Prevention then that construction will be in compliance with the then applicable Codes and Ordinances.

G. F-105.4.7 Add: Analysis Review and Approval of Minor Alterations and Repairs: The Bureau of Fire Prevention shall analyze, review, and approve all plans for any minor alterations or repairs to property in the appropriate Fire Protection District.

H. F-105.4.8 Add: Application Requirements: All persons, firms, and corporations seeking to build new construction within the Village of Hodgkins shall make application for the approval of all plans and specifications therefore by submittal of the same, along with an application form and any other information as may be required by the Village of Hodgkins Building Department and the Bureau of Fire Prevention.

I. F-201.5 Add: Abbreviations

1. The abbreviations NFPA and NfiPA mean National Fire Protection Association.
2. The abbreviation IFC shall mean the International Fire Code, 2003 Edition.
3. The abbreviation LSC shall mean the NFPA #101, Life Safety Code, 2003 Edition.

J. F-202.1 Add: Definitions

1. Boarding Houses, Multi-Family Dwellings: Use Group R-2 shall include all boarding houses and similar buildings arranged for the shelter and sleeping accommodations in which the occupants are primarily not transient in nature.
2. Change of Use: For the purpose of determining a "change in use," this shall mean the change from one general property use to another, or change from one specific property use to another within the same general property use. Listings of both general and specific property uses are found in the Village of Hodgkins Building and Zoning Code.
3. Buildings or parts of a building vacant for more than one (1) year shall be considered a change of use.
4. Code Official: Wherever the term "Code Official" appears in this Fire Prevention Ordinance, it shall mean the appropriate Chief Administrator or designee.

5. Condominium: A condominium is a form of ownership of real estate.
 6. Fireworks: The term fireworks shall mean and include any explosive composition, or any substance or combination of substances or article prepared for the purpose of producing a visible or audible effect of a temporary exhibitional nature by explosion, combustion, deflagration, or detonation, and shall include blank cartridges and toy cannons, in which explosives are used, the type of balloons which require fire underneath to propel the same, firecrackers, torpedoes, skyrockets, Roman candles, bombs, sparklers, smoke bombs, snakes, or facsimile, or other fireworks of like construction and any fireworks containing any explosive compound, or any tablets or other device containing any explosive substance, or containing combustible substances producing visual effects: provided, however, that the term "fireworks" shall not include toy pistols, toy canes, toy guns or other devices in which paper or plastic caps containing twenty-five hundredths (25/100) grains or less of explosive compound are used, provided they are so constructed that the hand cannot come in contact with the cap when in place for the explosion; and the toy pistol paper or plastic caps which contain less than twenty hundredths (20/100) grains of explosive mixture; the sale and use of which shall be permitted at all times.
 7. New Construction: New construction, when used in this code, are (1) those new buildings, (2) those buildings having height and/or area added to an existing building, (3) those buildings changing Use Groups.
 8. Townhouse/Rowhouse: A townhouse or rowhouse is considered as a Use Group R-3. For walls and openings within six (6) feet of adjacent buildings or property lines, a two (2) hour fire resistance rating shall be provided. All two (2) hour fire resistive rated walls shall either protrude through the outer roofline or shall have horizontal roofline protection, as shall be pre-approved by the Code Official.
 9. Uniform Fire Coding for Fire Protection.
- K. F-308.6.6 Add: Cooking and Heating Appliances; Hotels, Motels, Boarding Houses, Rooming Houses, and Dormitories: The use of any cooking or heating appliances, other than what has been provided by any hotel, motel, boarding house, rooming house, or dormitory shall be prohibited.
- L. F-310.9 Add: Electrical Installations: All electrical components, wiring, and equipment shall be designed, manufactured, installed, and maintained in accordance with NFPA #70, listed in Chapter 45.
- M. F-311.2.2 Delete text and Exceptions. Add: Fire Protection Vacant Buildings: Vacant or unoccupied buildings or portions thereof shall maintain all required sprinkler, standpipe and/or protective signaling systems, and all component parts in a workable condition at all times.

1. F-504.3.1 The system(s) shall be tested in the presence of the appropriate Fire District's Code Official if the adequacy of the system(s) is questioned.
- N. 315.3.3 Add: Periodic Removal: Combustible materials shall be removed daily, or more often as is necessary, to suitable vaults, bins, dumpsters, compactors, or separate buildings. Such practices shall be as approved by the Code Official.
- O. F-505 Premises Identification: Delete Section 505.1 and replace with the following:
1. Responsibility: All owners of every building within the corporate limits of the Village of Hodgkins shall place and maintain on the building or building accessory (defined as a mailbox, sign, post, or other such item) Arabic numbers showing the proper street number assigned to the building by the municipality or county in which the building is located.
 2. Design: The Arabic numbers are to be a minimum of six (6) inches in height.
 3. Building Accessory: On buildings that are not visible from the street, the building accessory with the required Arabic numbers shall be located within ten (10) feet of the driveway or sidewalk leading to the building.
 4. Contrasting Colors: The Arabic numbers shall have a color that is different from and contrasts with the building or building accessory to which the numbers are attached and shall be visible from any direction of travel from the street.
 5. Multi-Tenant Buildings: Multi-tenant buildings with multiple access locations shall have building identification on the front and rear of the building for each tenant.
- P. F-506 Add: Rapid Entry System (Key Boxes) Delete Section 506 and add the following:
1. General: All buildings that are equipped with an approved fire alarm system that consists of automatic detection and/or all buildings equipped with an approved automatic sprinkler system and are interconnected to an alarm monitoring agency shall have an approved key box system.
 2. Location: The Code Official shall approve the location of the key box.
 3. Contents: The key box shall contain keys to gain necessary access to the building at:
 - a. Locked points of ingress/egress whether on the exterior or interior of the building.

- b. Locked electrical, mechanical, or storage rooms.
 - c. Elevator controls.
 - d. Alarm panels and devices.
 - e. Other areas designated by the Code Official.
4. Key Identification: Each key shall be identified in an approved manner for quick use in case of an emergency.
 5. Master Key: Where possible, a single master key shall be provided.
 6. Alarm: At the request of the owner or lessee, the Code Official shall permit the installation of a key box tamper switch connected to the building's security alarm system.

Q. Section 508 Fire Protection Water Supplies: Delete the entire section and replace with the following:

1. Application: This section defines water supplies for use for new construction.
2. Water Source: All buildings or structures shall be served by a public water supply system meeting this criterion. This system shall be under pressure with an average static pressure of not less than thirty-five (35) pounds per square inch (psi). Flows shall be calculated at twenty (20) (psi) residual pressure. The supplies shall be available for a continuous four (4) hour duration except for flows less than two thousand (2,000) gallons per minute (gpm) need be available for a two (2) hour duration.
3. All changes to the Village water system to comply with the water source requirements shall be at the expense of the owner or developer.
4. Fire Flow Required: The following water supplies in gallons per minute (gpm) are required based on the hazards therein:
 - a. Single-Family Detached Residential – one thousand (1,000) (gpm) to one thousand five hundred (1,500) (gpm).
 - b. Town/Row or Cluster Housing – one thousand five hundred (1,500) (gpm) to two thousand (2,000) (gpm).
 - c. Apartment Type Construction – three thousand (3,000) (gpm) to four thousand (4,000) (gpm).
 - d. Industrial and Storage – three thousand (3,000) (gpm) to five thousand (5,000) (gpm).

- e. Research and Development Laboratories – three thousand (3,000) (gpm) to four thousand (4,000) (gpm).
- f. Business and Commercial Areas – three thousand (3,000) (gpm) to four thousand five hundred (4,500) (gpm).
- g. Mercantile Centers – three thousand (3,000) (gpm) to six thousand (6,000) (gpm).
- h. Assembly and Educational – three thousand (3,000) (gpm) to five thousand (5,000) (gpm).
- i. Health Care and Institutional – three thousand (3,000) (gpm) to four thousand (4,000) (gpm).
- j. High Hazard – three thousand (3,000) (gpm) to eight thousand (8,000) (gpm).

Fire Hydrants

- 5. Plans Submitted: Plans shall be provided prior to any construction showing the location of fire hydrants and sprinklers and/or standpipe connection on either public or private property and shall be approved by the Code Official before any building construction starts. All changes to the Village water system to comply with the hydrant requirements shall be at the expense of the owner or developer. An approved hydrant layout shall be submitted before a permit is issued.
- 6. Distance to Hydrants: Fire hydrants shall be located along public streets so that no building or structure to be protected will be over two hundred fifty (250) feet from any hydrant. Where this may not be physically possible, additional hydrants shall be located upon the premises accessible to motorized fire apparatus.
- 7. Hydrants in Operation: Water supplies, including fire hydrants in accordance with this code, shall be in operation prior to the start of construction of any building.
- 8. Hydrants Along Streets: Hydrants shall be located at street intersections with intermediate hydrants provided so that the space between hydrants shall not exceed three hundred (300) feet. This distance shall be measured along an approved fire lane, access route, street, or similar apparatus route.
- 9. Special Locations: Additional fire hydrants may be required and located closer than the spacing required for high hazard classifications, as defined in NFPA #101 (Life Safety Code) (2003), for dead end roads or at the termination of cul-de-sacs.

10. Supplemental Hydrants: Additional fire hydrants shall be provided within five hundred (500) feet of each building so that the required fire flow divided by one thousand (1,000) will equal the number of hydrants available.
11. Connections: A fire hydrant shall be located in close proximity (75 feet minimum) to any fire department connection (sprinkler or standpipe) as determined by the Code Official.
12. Parking Restricted: Parking is not permitted within fifteen (15) feet of a fire hydrant.
13. Distance to Roadway: Hydrants will be located approximately five (5) feet from all weather roadways.
14. Distance to Buildings: Hydrants shall be located no closer than twenty-five (25) feet from the building to be protected. Hydrants shall be located no closer than fifty (50) feet from transformers, other hazardous electrical equipment or other hazards to the use of the fire hydrants where practical.
15. Pumper Outlet Direction: Each hydrant shall have the pumper (steamer) connection facing the primary street or fire lane and shall be accessible so that a connection can be made between the hydrant and the apparatus located in the street with twenty (20) feet of suction hose.
16. Hydrant Outlet Location: Fire hydrant outlets shall be a minimum of eighteen (18) inches and no more than thirty-six (36) inches above the finished grade.
17. Hydrant Protection: When subject to physical damage from vehicles, fire hydrants shall be protected from damage by approved methods, including barriers.
18. Fire hydrants used in conjunction with water supplies shall be of a type acceptable to the Village of Hodgkins Water Department and the Fire Protection District. Hydrants shall meet the standards of the American Water Works Association C-502. Hydrants shall include a six (6) inch barrel, two (2) two and one-half (2-1/2) inch and one (1) four and one-half (4-1/2) inch outlets. Outlet threads shall be American National Standard. An auxiliary gate valve shall be provided on the hydrant branch line (minimum six (6) inch diameter).
19. Existing fire hydrants that are replaced shall meet the above criteria.

R. F-511 Add: Miscellaneous Provisions

1. Tenant Separation: Each tenant space shall be separated from other tenant spaces and corridors by walls, partitions, and floor-ceiling assemblies having at least a one (1) hour rating approved fire resistance rating. The floor-ceiling assembly is not required to have a one (1) hour rating when not required by the IBC and the building has a complete automatic sprinkler system.
 2. Hazardous Areas: Rooms used, elevator equipment, electrical equipment, boiler rooms, fuel storage, janitor's closets, laundry rooms, maintenance shops and similar hazardous areas shall be separated from other building areas by wall/floor/ceiling/window/opening assemblies having a fire resistance rating of not less than one (1) hour with appropriate protection of openings into the rooms. Opening protection shall be per the IBC. The floor-ceiling assembly is not required to have a one-hour rating when not required by the IBC.
 3. Fire Resistance Rating, Maintenance, and Repair: The fire resistance of walls, floors, ceilings, and partitions, including openings therein and other static fire protection requirements shall be maintained in proper condition and repair at all times.
 4. Smoke Resistance: Walls, floors, ceilings, and partitions, including openings therein that can assist in the prevention of smoke and gas movement, shall be maintained in proper condition at all times.
 5. Ambulance Cot: Where elevators are provided, at least one (1) elevator cab shall be of such size to accommodate a cot that is 24 inches by 76 inches in the horizontal open position and the accompanying personnel.
- S. F-901.6.3 Add: Maintenance and Testing: The maintenance program for fire protection systems and components shall conform to the requirements in this Ordinance.
- T. F-901.5.2 Add: Building Occupancy: When any building or structure is required to be equipped with an approved fire protection system, the system shall be in full operation before the building may be occupied.
- U. F-901.5.3 Add: Complete Information: The Code Official shall determine the detail of information required, including a description of the maintenance performed, time, date, and extent of test performed.
- V. F-901.6.2 Records: Add: Reports shall be submitted to the appropriate Fire District Bureau of Fire Prevention on an annual basis.
- W. F-903.2 Automatic Sprinkler Systems: Minimum Requirements:
1. Design: Automatic fire suppression systems shall be designed in accordance with appropriate standards of the National Fire Protection Association. The Code Official shall approve design criteria.

2. Automatic Sprinkler Protection: The fire suppression system shall be an automatic sprinkler system unless the Code Official approves another type of system.
 3. Periodic Testing and Inspection: All automatic sprinkler systems shall be maintained, periodically inspected, and tested in accordance with NFPA 13, NFPA 25, Chapter 45 .
 4. Valve Control Area Diagram: A diagram showing areas served by control valves shall be placed adjacent to such valves and in the riser room.
 5. Where Required: The following are locations where an automatic fire suppression system is required:
 - a. Where required in the 2003 IBC.
 - b. All new construction over one (1) story in height and all other one (1) story buildings over two thousand (2,000) square feet in area.
 - c. Exception: Single-family residences.
 - d. All stories below grade.
 - e. Exception: Single-family residences without engineered "I" joists.
 - f. All buildings or structures for the manufacture of combustible goods or merchandise, and all business occupancies, exceeding seven thousand (7,000) square feet.
 - g. Existing hotels, motels, boarding houses, rooming houses, and dormitories.
 6. All sprinkler control valves shall be electronically supervised by the building's fire alarm system and shall be directly connected to the appropriate Fire Protection District's Communications Center in an approved manner.
- X. F-905.2 All two and one-half (2-1/2) inch outlets shall include a two and one-half (2-1/2) by one and one-half (1-1/2) inch reducer with a one and one-half (1-1/2) inch cap.
- Y. F-907 Fire Alarms and Detection Systems: Delete the entire Section 907 and replace with the following:
1. Protective Signaling (Fire Alarm) Systems and Automatic Detection Systems.

2. Design: Automatic protective signaling (fire alarm) systems and automatic detection systems shall be designed in accordance with the appropriate standards of the National Fire Protection Association. The Code Official shall approve the design criteria.
3. Where Required: The following are locations where a protective signaling system with automatic detection is required.
4. Residential Uses: In all buildings of Use Groups R-1 and R-2.
5. All buildings having multiple uses, including residential use (except R-4).
6. Exception: Existing buildings of R-2 Use Group with four (4) units or less, such as lodging house, dormitories, apartments, and similar occupancies.
7. Townhomes Use Group R-3: All new construction townhomes or similarly used buildings.
8. Other Uses: All other buildings over one (1) story in height, and one (1) story buildings over one thousand (1,000) square feet in area.
9. Panel Identification: An outside strobe light shall be located at the entrance providing access to each alarm and/or enunciator panel.
10. Zone Identification: Each zone of each panel shall be clearly and permanently identified in a manner approved by the Code Official.
11. Periodic Testing and Inspection: All automatic protective signaling (fire alarm) systems and automatic detection systems shall be maintained, periodically inspected and tested in accordance with NFPA 72, Chapter 45.
12. All protective signaling system connections shall be installed in a method approved by the Fire Protection District.
13. Exception: Single-family residences.
14. Signals to be Monitored: All alarm, supervisory, panel trouble, line trouble or loss of communication signals shall be monitored at the Fire Protection District's Communications Center.
15. Systems Out of Service: Protective-signaling systems shall be maintained in service at all times. Systems shall not be out of service for more than eight (8) hours for maintenance or repair.
16. Zones: Each floor and each type of system shall be separately zoned.
17. Alerting Devices: All alerting devices shall be an approved audio/visual type.

18. Outside Alerting Device: All fire alarm and fire suppression systems shall have an outside alerting device of a type and at a location approved by the Code Official.

19. Duct Detectors: All duct smoke detectors installed or repaired after the effective date of this Ordinance shall signal in a supervisory condition only.

Z. 909.1 Smoke Control Systems: An emergency smoke control system shall be provided in new construction as follows:

Scope and Purpose: Add the following:

1. Multiple Story or Height of Buildings: In all buildings over six (6) stories or seventy-five (75) feet in height.
2. Atriums: In buildings with multi-story atriums or open walls.
3. Covered Malls: In all covered malls, including individual tenant spaces and anchor stores.

AA. 909.2 General Design Requirements: Add the following:

1. Where roof gravity venting is used, the maximum spacing between vents shall not exceed one hundred twenty (120) feet. The vent area to floor area ratio shall not exceed 1:100 for ordinary hazards and 1:150 for light hazards.
2. High Hazard: Roof venting requirements shall be determined by the specific hazards involved.
3. Mechanical Systems: Mechanical smoke removal may be used in lieu of gravity venting. A minimum of six (6) air changes per hour of the entire space shall be provided.
4. Supply/Return Air: The mechanical smoke management system shall have an adequate supply and/or return air source to allow the system to operate properly.
5. Controls: The design of the controls for the systems, including their location shall be approved by the Code Official.

BB. F-913.5.5 Add: Pump Flow Tests: Each fire pump shall be tested annually by discharging to the atmosphere the required flow one hundred percent (100%) rated capacity at one hundred percent (100%) of the rated pressure and at one hundred fifty percent (150%) rated capacity at sixty-five percent (65%) of the rated pressure. The test results shall be recorded and a copy of all pump test information shall be submitted to the Code Official.

CC. 1006.1 Illumination Required: Delete the Exceptions and add: Emergency Lighting: Emergency power supplies from an independent, approved reliable source (battery or automatic starting generator) shall be provided in all rooms and spaces where two (2) or more exits are required, stairways, corridors, access routes and other exit components.

DD. 1014.1 Add Item #3. Number and Locations of Exits: All rooms, spaces, or buildings over 2,000 square feet in area shall have two separate remote means of egress.

EE. Chapter 33 Delete Chapter Add: Chapter 33 – Fireworks.

1. Scope: Sale, handling, and display of fireworks: Except as hereinafter provided, it shall be unlawful for any person, firm, co-partnership, or corporation to offer for sale, display, or expose for sale, sell at retail, provide storage for, use or possess, or manufacture fireworks, or explode any fireworks within the Village of Hodgkins or allow any such acts on property owned by such person, firm, co-partnership, or corporation within the Village, provided, however, the Code Official may issue a permit for supervised public displays of fireworks, provided the applicant for such permit shall comply with the regulations hereinafter established for the issuance of such permit. The fire Code Official shall issue the fireworks permit.
2. Explosives: The storage of explosives and blasting agents is prohibited.
3. Seizure: The Code Official shall seize, take, remove or cause to be removed, at the expense of the owner, all stocks of fireworks or explosives offered or exposed for display or sale, stored, or held in violation of this article.
4. Exceptions: Nothing contained in this Ordinance shall be construed to prohibit the use of fireworks by railroads, public utilities, public and private carriers, or other transportation agencies, for signal purposes or illumination, or the sale or use of blank cartridges, for a show or theater, or for signal or ceremonial purposes in athletics or sports, or for use by veteran or military organizations.
5. Requirements for Approved Displays: The supervised public display of fireworks may be permitted in accordance with the following requirements.
 - a. The person in charge of a public fireworks display shall have a copy of the permit required by this Article in his/her possession.
 - b. Due to the hazardous nature of materials involved, no fireworks shall be stored on location prior to set up and show time.

- c. Personnel setting up and shooting the fireworks display shall be experienced and professional shooters; a Pyrotechnic/Blasters license or equivalent credentials are acceptable.
- d. Adequate security shall be provided to keep all persons, except personnel setting up and shooting the fireworks, at reasonably safe distance from display area.
- e. The supplier of the fireworks shall have a current State of Illinois permit identified by number.
- f. There shall be no trees or utility poles or any type of obstruction within fifty (50) feet of the firing range and the firing range shall be no less than two hundred (200) feet from railroads, highways, general public, or any other structures, nor six hundred (600) feet of any hospital, asylum, or infirmary.
- g. The grass around any mortar shall be wet down continuously for a minimum of eight (8) hours before firing, or to the satisfaction of the Code Official. One (1) mortar loader shall be provided for each six (6) mortars.
- h. The Fire District may be at the site of the firing with a minimum of one (1) engine company.
- i. Mortar holes are to be drilled in a minimum of three-quarters (3/4) of the length of the mortar and dirt is to be packed around the mortar.
- j. Mortars shall be two (2) feet apart with the minimum distance of six (6) feet between mortars of different sizes.
- k. The loader and shooter shall wear tight fitting non-combustible clothing and shall not have consumed or used alcoholic beverages, drugs, or controlled substances for twelve (12) hours before firing, nor be under the influence thereof.
- l. No firing shall take place if the wind exceeds twenty (20) miles per hour and/or when fireworks are wet.
- m. All aerial displays shall be kept in wooden boxes with self-closing covers, the maximum size of which shall be thirty-six (36) inches by twenty-four (24) inches by twenty-four (24) inches; the boxes shall be placed two (2) inches off the ground and boxes shall be a minimum of ten (10) feet from the mortars.
- n. All shows shall be suspended for severe weather until deemed safe by the Code Official or the Chief Administrator or his designee.

6. Recovery Responsibility: The supplier of the fireworks shall be solely responsible for the recovery of all fireworks and aerial displays that have not been fired.
7. Search for Unfired Displays: Recovery or the search for unfired displays shall start immediately, or not later than sunrise.
8. Guards: The area of a misfired shell shall be guarded by the display company at its cost from the time of the firing until discovery and removal of the shell.
9. Recovery Cost: The cost of recovering the shells shall be solely the responsibility of the fireworks supplier and/or dealer.

FF. F-3403.1.1 Add: Inside Storage of Fuel: Flammable and combustible fuel stored inside a building shall be stored in approved metal containers with self-closing lids and the total amount shall not exceed ten (10) gallons.

GG. F-3403.5.1 Labeling Containers and Tanks Over Thirty (30) Gallons Capacity: Any flammable or combustible liquid cans, containers, tanks, or similar vessel having a capacity over thirty (30) gallons shall be labeled using NFPA 704, Standard System for the Identification of the Fire Hazards of Materials.

1. Fuel Dispensing Inside the Building: No fuel dispensing is allowed inside of a building.
2. Basements, Pits, and Sub-floor Work Areas: Basements, pits, and sub-floor work areas are not permitted in new construction for service stations and repair garages.

HH. F-3404.2

1. Add: Automotive Service Stations and other uses: Above-ground tanks shall not be utilized for the storage of motor fuels at automotive service stations which the public has access to. Above-ground tanks utilized for the storage of motor fuels at automotive service stations to which the public does not have access to shall be installed in accordance with this section and the requirements for fire-resistant tanks or tanks in vaults specified in NFPA 30A listed in Chapter 45.
2. Add: Barrier Protection: Physical barriers complying with Section F-3205.4 shall be provided to protect the area where tanks, except those installed in special enclosures, are located. Barriers shall be spaced at a distance apart from each other and located at a distance away from the tanks so that vehicles which are normally operating in the area of the tanks are prevented from coming into contact with the tanks. Additional

and/or upgraded physical barrier protection shall be required where deemed necessary by the Code Official

3. Access: Each tank and each special enclosure shall be surrounded by a clear open space not less than three (3) feet (914mm) in width for maintenance and inspection.
4. Add: Capacity Limits: Above-ground tanks containing combustible liquids shall be limited to the following capacities. Tanks shall also be installed in accordance with the requirements of this section.
5. Add: Class II Liquids – Tanks containing CLASS II liquids shall not exceed 1,000 gallons individual capacity or 1,000 gallons aggregate capacity. Tanks containing over 250 gallons of a CLASS II liquid shall be installed in accordance with the requirements for fire-resistant tanks and tanks in vaults specified in NFPA 30A listed in Chapter 44. Such tanks shall also be approved and meet equivalent standards of those tanks which are listed as AProtected@ as defined by UL 2085. Tanks containing 250 gallons or less of a CLASS II liquid shall be installed in accordance with the requirements for fire-resistant tanks specified in NFPA 30A listed in Chapter 45. Such tanks shall also be approved, and meet equivalent standards of those tanks which are listed as A Fire Resistant@ as defined by UL 2080.
6. Add: Class III A Liquids – Tanks containing CLASS III A liquids shall not exceed 1,500 gallons individual capacity or 1,500 gallons aggregate capacity. Tanks containing over 1,000 gallons of a CLASS III A liquid shall be installed in accordance with the requirements for fire-resistant tanks and tanks in vaults specified in NFPA 30A listed in Chapter 45. Such tanks shall also be approved and meet equivalent standards of those tanks which are listed as AProtected@ as defined by UL 2085. Tanks containing 1,000 gallons or less of a CLASS III A liquid shall be installed in accordance with the requirements for fire-resistant tanks specified in NFPA 30A listed in Chapter 45. Such tanks shall also be approved, and meet equivalent standards of those tanks which are listed as A Fire Resistant@ as defined by UL 2080.
7. Class III B Liquids – Tanks containing CLASS III B liquids shall not exceed 2,000 gallons individual capacity or 2,000 gallons aggregate capacity. Tanks containing over 1,000 gallons of a CLASS III B liquid shall be installed in accordance with the requirements for fire-resistant tanks and tanks in vaults specified in NFPA 30A listed in Chapter 45. Such tanks shall also be approved and meet equivalent standards of those tanks which are listed as AProtected@ as defined by UL 2085. Tanks containing from 100 gallons up to 1,000 gallons of a CLASS III B liquid shall be installed in accordance with the requirements for fire-resistant tanks specified in NFPA 30A listed in Chapter 45. Such tanks shall also be approved, and meet equivalent standards of those tanks which are listed as A Fire Resistant@ as defined by UL 2080.

8. Add: Overfill Prevention: Above-ground storage tanks shall be equipped with overfill prevention equipment that will comply with one of the following:
 - a. Automatically shut off the flow of liquid into the tank when it is no more than ninety percent (90%) full.
 - b. Alert the transfer operator when the tank is no more than ninety percent (90%) full by restricting the flow of liquid into the tank or triggering a high-level alarm.
 - c. Other methods as approved by the Code Official.
9. Add: Distances to Buildings, Property Lines, etc.: The minimum distance between above-ground tanks and other tanks, buildings, sewers, catch basins, septic tanks, and property lines shall be thirty (30) feet. The minimum distance between tanks located within the same aggregate tank area shall be five (5) feet. Exception: Class III B liquids: The minimum distance between above-ground tanks and other tanks, sewers, catch basins, septic tanks, and property lines shall be five (5) feet. The minimum distance between tanks and buildings and between tanks located within the same aggregate tank area shall be three (3) feet.
10. Add: Tank Labeling: All tanks shall be labeled in accordance with F-3203.2.2. In addition, the following shall be displayed on all visible tank sides in 4" or taller letters clearly legible, and in a contrasting color to the tank:
 - a. Either FLAMMABLE or COMBUSTIBLE (depending on contents flashpoint)
 - b. NO SMOKING
 - c. The common name of the contents, i.e., WASTE MOTOR OIL