

ORDINANCE 1996

AN ORDINANCE AMENDING CHAPTER 180 FIRE CODE, OF THE MUNICIPAL CODE OF THE CITY OF ANKENY, IOWA, BY ADOPTING THE 2018 INTERNATIONAL FIRE CODE WITH AMENDMENTS

WHEREAS, the City Council of the City of Ankeny, Iowa desires to continue to protect life, safety and property through the adoption and enforcement of construction codes, and to establish the minimum requirements consistent with nationally recognized good practice for providing a reasonable level of life safety and property protection from the hazards of fire, explosion or dangerous conditions in new and existing buildings, structures and premises and to provide safety to fire fighters and emergency responders during emergency operations;

WHEREAS, the Council now deems it appropriate to revise the Municipal Code by adopting the latest edition of the International Code Council Fire Code.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ANKENY, IOWA:

1. That Chapter 180 of the Municipal Code of the City of Ankeny, Iowa, the Fire Regulations be repealed and there be enacted in lieu thereof the following Chapter;

CHAPTER 180 FIRE CODE

Section Number	Title	IFC Section
180.01	Short Title	
180.02	Adoption of Fire Code	
180.03	Amendments, modifications, additions and deletions	
180.04	Deletions	
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180.27	Fire Department Connections	912.1.1
180.28	Continuity and Components	1009.2 #11
180.29	Two-way Communication	1009.8 exc.#7
180.30	Landings at Doors	1010.1.6.1
180.31	Hardware	1010.1.9.1
180.32	Handrails	1011.11
180.33	Additional Exit Signs	1013.1.1
180.34	Continuity (handrails)	1014.4#6
180.35	Access to Public Way	1028.5.1
180.36	Window Wells	1030.4.3
180.37	Existing CSST - Bonding Required	1107, 1107.1, 1107.2
180.38	Shutdown of Emergency and Standby Power Systems	1203.7
180.39	Emergency Generator Signs	1203.8
180.40	Purpose	3301.2
180.41	Qualifications	5601.4 exc.
180.42	Above ground Outside Flammable/Combustible Storage (District Limits)	5704.1
180.43	Locations Where Above-Ground Tanks Are Prohibited	5704.2.9.6.1
180.44	Locations Where Above-Ground Tanks Are Prohibited	5706.2.4.4
180.45	Bulk plants Or Terminals Not Allowed	5706.4.0
180.46	Limitations	5806.2
180.47	Maximum Capacity Within Established Limits	6104.2

180.01 SHORT TITLE. This chapter shall be known as the Ankeny Fire Code, and may be cited as such, and may be referred to herein as this chapter

180.02 ADOPTION OF FIRE CODE. The *International Fire Code 2018 Edition*, published by the International Code Council, Inc., is adopted in full except for such portions as may be hereinafter deleted, modified or amended.

180.03 AMENDMENTS, MODIFICATIONS, ADDITIONS AND DELETIONS. The *International Fire Code, 2018 Edition* (hereinafter known as the IFC), is amended as hereinafter set out in Sections 180.04 through 180.47.

180.04 DELETIONS. The following are deleted from the IFC and are of no force or effect in this chapter:

Section 102.6 Historic buildings.

180.05 REFERENCED CODES - - CONFLICTS. The remaining sections in this chapter represent amendments to the requirements contained in the IFC. In the event requirements of this code conflict with applicable State and/or Federal requirements, the more stringent shall apply.

180.06 SECTION 101.1 AMENDED - - TITLE. Section 101.1, Title, of the IFC, is hereby deleted and there is enacted in lieu thereof the following section:

Section 101.1 Title. These regulations shall be known as the Ankeny Fire Code, hereinafter known as “this code.”

180.07 SECTION 103.1 ADDITION - - GENERAL. Section 103.1, General, of the IFC, is hereby amended by adding the following paragraph to said section:

Section 103.1 Chief Building Official The term Fire Code Official is intended to also mean the Chief Building Official and shall hereinafter be referred to as Code Official and his or her representatives or designees, who are herewith delegated the same powers, authorities, duties and responsibilities as designated for the Code Official.

180.08 SECTION 103.2 ADDITION - - APPOINTMENT. Section 103.2, Appointment, of the IFC, is hereby amended by adding the following paragraph to said section:

Section 103.2 Chief Building Official There is also hereby established the position of Chief Building Official, who shall be designated by the Planning & Building Director. The Chief Building Official shall have authority to file a complaint in any court of competent jurisdiction charging a person with the violation of this title. The Chief Building Official shall have whatever additional duties the Planning & Building Director may prescribe.

180.09 SECTION 105.1.2 ADDITION - - TYPES OF PERMITS. Section 105.1.2, Types of Permits, of the IFC, is hereby amended by adding the following paragraphs to said section:

Section 105.1.2 Certificate of Occupancy A certificate of occupancy issued pursuant to provisions of the Ankeny Building Code may be assumed to comply with Section 1. Operational Permit.

Section 105.1.2 Other Permits Building, Fuel Gas, Mechanical, Electrical and Plumbing permits issued pursuant to provisions of their respective codes may be assumed to comply with Section 2. Construction Permit.

180.10 SECTION 105.4.6 AMENDED - - RETENTION OF CONSTRUCTION DOCUMENTS. Section 105.4.6, Retention of Construction Documents, of the IFC, is hereby amended by deleting the last sentence of said paragraph.

180.11 SECTION 106.3 ADDITION - - WORK COMMENCING BEFORE PERMIT ISSUANCE. SECTION 106.3, Work Commencing Before Permit Issuance, of the IFC, is hereby amended by adding the following sentence after said section:

Section 106.3 Work commencing before permit issuance Said fee shall be 100 percent of the usual permit fee in addition to the required permit fees.

180.12 SECTION 110.4 AMENDED - - VIOLATION PENALTIES. Section 110.4, Violation Penalties, of the IFC, is hereby amended by deleting said section and inserting in lieu thereof the following:

Section 110.4 Violation Penalties Any person who violates a provision of this code or fails to comply with any of the requirements thereof or who erects, constructs, alters or repairs a building or structure in violation of the approved construction documents or directive of the Code Official, or of a permit or certificate issued under the provisions of this code, shall be subject to penalties as prescribed by law.

180.13 SECTION 112.4 AMENDED - - FAILURE TO COMPLY. Section 112.4, Failure To Comply, of the IFC, is hereby amended by deleting said section and inserting in lieu thereof the following:

Section 112.4 Failure To Comply Any person who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject to penalties as prescribed by law.

180.14 SECTION 308.1.4 AMENDED - - OPEN FLAME COOKING DEVICES. Section 308.1.4, Open Flame Cooking Devices, of the IFC, is hereby amended by deleting said section and exceptions and inserting in lieu thereof the following:

Section 308.1.4 Open Flame Cooking Devices Charcoal burners and other devices that produce ashes or embers and other open-flame cooking devices shall not be operated on balconies or within 20 feet (3048 mm) of combustible construction. Location of LP containers shall comply with Section 6104.

Exceptions:

1. One- and two-family *dwelling*s, constructed in accordance with the *International Residential Code*.
2. LP-gas cooking devices having LP-gas container with a water capacity not greater than 20 pounds.

180.15 SECTION 503.2.1 AMENDED - - DIMENSIONS. Section 503.2.1, Dimensions, of the IFC, is hereby amended by deleting said section and inserting in lieu thereof the following:

Section 503.2.1 Dimensions Fire apparatus access roads shall have a minimum unobstructed width of not less than 20 feet (6096 mm), exclusive of shoulders, except for approved security gates in accordance with Section 503.6, and an unobstructed vertical clearance of not less than 14 feet (4268 mm).

180.16 SECTION 505.1 AMENDED - - ADDRESS IDENTIFICATION. Section 505.1, Address Identification, of the IFC, is hereby amended by deleting said section and inserting in lieu thereof the following section and table:

505.1 Address identification.

New and existing buildings shall have *approved* address numbers, building numbers or *approved* building identification placed in a position that is plainly legible and visible from the street or road fronting the property. These numbers shall be black or white and shall contrast with their background. Where required by the Code Official, address numbers shall be provided in greater dimension or additional *approved* locations to facilitate emergency response. Address numbers shall be Arabic numbers. Numbers shall be a minimum height and a minimum stroke width as dictated by Table 505.1. Where access is by means of a private road and the building cannot be viewed from the *public way*, a monument, pole or other sign or means shall be used to identify the structure. Address numbers shall be maintained.

Table 505.1
Minimum Height and Stroke Width^{a b}

Distance from the centerline of the Public Way (ft)		Minimum Height (in)	Minimum Stroke Width (in)		
Less than 100		4	1/2		
a Exterior shall be 4 inch.	100	199	6	3/4	suite identification, minimum height inches and stroke width shall be ½
	200	299	8	1	
b Interior shall be 2 inch.		For each additional 100	Increase 2	Increase 1/2	suite identification, minimum height inches and stroke width shall be ¼

180.17 SECTION 506 ADDITION - - KEY BOXES (INSTALLATION REQUIREMENTS). Section 506, Key Boxes, of the IFC, is hereby amended by adding a new section as follows:

Section 506.3 Key Box Installation Requirements Buildings provided with an alarm system or a sprinkler system shall be provided with a key box at the front of the building typically adjacent to the main front door(s) at a height of five feet above grade or at a location as directed by the Code Official.

180.18 SECTION 507.5 AMENDED - - WHERE REQUIRED (FIRE HYDRANT SPACING). Section 507.5.1, Where Required, of the IFC, is hereby amended by deleting said section, including exceptions, and inserting in lieu thereof the following section and exception:

Section 507.5.1— Where required (fire hydrant spacing) Locate at street intersections or as approved by City subject to the following spacing:

1. Residential: 400 foot; maximum coverage: 86,000 SF.
2. Commercial: 400 foot; maximum coverage: 86,000 SF.
3. No part of a proposed single family dwelling or duplex shall be more than 250 feet from a hydrant unless said building is sprinklered.
4. No part of a multi-family, commercial or industrial building shall be more than 200 feet from a fire hydrant unless said building is fully sprinklered.

Section 507.5.1 Where required (fire hydrant spacing) exception: For Group R-3 and Group U occupancies and for buildings equipped with an approved automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2 the distance requirements may be modified when approved by the Code Official.

180.19 SECTION 507.5.1.1 AMENDED - - HYDRANT FOR FIRE DEPARTMENT CONNECTIONS. Section 507.5.1.1, Hydrant For Fire Department Connections, of the IFC, is hereby established by deleting said section and inserting in lieu thereof the following:

Section 507.2.1.1 Hydrant For Fire Department Connections Buildings equipped with a fire department connection installed in accordance with Section 912 shall have a fire hydrant located on a fire access road within 100 feet (30 m) of the fire department connection as measured by an approved route around the exterior of the building.

Exception: The distance shall be permitted to exceed 100 feet (30 m) where approved by the Code Official

180.20 SECTION 507.5.7 ADDITION - - FIRE HYDRANT MARKERS AND IDENTIFICATION COLOR. Section 507.5.7, Fire Hydrant Markers and Identification Colors, of the IFC, is hereby established by adding the following section:

Section 507.5.7 Fire Hydrant Markers and Identification Colors When required by the Code Official, hydrant locations shall be identified by the installation of an *approved* reflective marker. Both public and private hydrants shall comply with and be painted to Ankeny Water Utility specifications.

180.21 SECTION 507.5.8 ADDITION - - FIRE HYDRANT INSTALLATION. Section 507.5.8, Fire Hydrant Installation, of the IFC, is hereby established by adding the following section:

Section 507.5.8 Fire Hydrant Installation Fire hydrants shall be installed with the grade mark on the fire hydrant at the level of finished grade. The large diameter connection shall be installed such that the connection is oriented facing the fire department access road.

180.22 SECTION 903.2.11.1.3 AMENDED - - BASEMENTS. Section 903.2.11.1.3, Basements, of the IFC, is hereby amended by deleting said section and inserting in lieu thereof the following:

Section 903.2.11.1.3 Basements Where any portion of a *basement* is located more than 75 feet (22 860 mm) from openings required by Section 903.2.11.1, the *basement* shall be equipped throughout with an *approved automatic sprinkler system*.

180.23 SECTION 903.4.2 AMENDED - - ALARMS. Section 903.4.2, Alarms, of the IFC, is hereby amended by deleting said section and inserting in lieu thereof the following:

Section 903.4.2 Alarms *An approved weather proof audible device suitable for outdoor use with 110 candela visual signal shall be connected to every automatic sprinkler system. Such sprinkler water-flow alarm devices shall be activated by water flow equivalent to the flow of a single sprinkler of the smallest orifice size installed in the system. Alarm devices shall be provided on the exterior of the building in an approved location. Where a fire alarm system is installed, actuation of the automatic sprinkler system shall actuate the building fire alarm system.*

180.24 SECTION 907.1.4 ADDITION - - FACP (FIRE ALARM CONTROL PANEL). Section 907.1.4, FACP (Fire Alarm Control Panel), of the IFC, is hereby established by adding the following section and exception:

Section 907.1.4 FACP (Fire Alarm Control Panel) Each building shall have no more than 1 FACP. Installation of fire alarm panel shall be not exceed six feet in height measured from the floor to the top of the unit.

Exception: Suppression system releasing panels are not required to meet the height requirement or the limitation in the number of panels.

175.25 SECTION 907.2.24 ADDITION - - GROUP R-4. Section 907.2.24, Group R-4, of the IFC, is hereby established by adding the following section:

Section 907.2.24 Group R-4 Fire alarm systems and smoke alarms shall be installed in Group R-4 occupancies as required in Sections 907.2.24.1 through 907.2.24.3.

907.2.24.1 Manual fire alarm system.

A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group R-4 occupancies.

Exceptions:

1. A manual fire alarm system is not required in buildings not more than two stories in height where all individual sleeping units and contiguous attic and crawl spaces to those units are separated from each other and public or common areas by not less than 1-hour fire partitions and each individual sleeping unit has an exit directly to a public way, egress court or yard.
2. Manual fire alarm boxes are not required throughout the building where all of the following conditions are met:
 - 2.1. The building is equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2.

- 2.2. The notification appliances will activate upon sprinkler water flow.
- 2.3. Not fewer than one manual fire alarm box is installed at an approved location.
3. Manual fire alarm boxes in resident or patient sleeping areas shall not be required at exits where located at all nurses' control stations or other constantly attended staff locations, provided such stations are visible and continuously accessible and that the distances of travel required in Section 907.4.2.1 are not exceeded.

907.2.24.2 Automatic smoke detection system.

An automatic smoke detection system that activates the occupant notification system in accordance with Section 907.5 shall be installed in corridors, waiting areas open to corridors and habitable spaces other than sleeping units and kitchens.

Exceptions:

1. Smoke detection in habitable spaces is not required where the facility is equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1.
2. An automatic smoke detection system is not required in buildings that do not have interior corridors serving sleeping units and where each sleeping unit has a means of egress door opening directly to an exit or to an exterior exit access that leads directly to an exit.

907.2.24.3 Smoke alarms.

Single and multiple station smoke alarms shall be installed in accordance with Section 907.2.10.

180.26 SECTION 907.6.6 AMENDED - - MONITORING. Section 907.6.6, Monitoring, of the IFC, is hereby amended by deleting said section and inserting in lieu thereof the following section and exception:

Section 907.6.6 Monitoring Fire alarm systems required by this chapter or by the International Building Code shall be monitored by a central station approved and listed under UL 827 in accordance with NFPA 72.

Exception: Monitoring station is not required for automatic sprinkler and fire alarm systems in one- and two- family dwellings.

180.27 SECTION 912 ADDITION - - FIRE DEPARTMENT CONNECTIONS. Section 912, Fire department connections, of the IFC, is hereby amended by adding a new section and exception as follows:

Section 912.1.1 Storz fire department connection The fire department connection(s) shall be a five-inch (5") Storz type connector(s) compatible with the hose couplings currently used by the Ankeny Fire Department.

Section 912.1.1 Storz fire department connection exception 1 A fire department connection having the standard internal threaded swivel fittings of 2 1/2 inches NST may be substituted for the five-inch Storz connection with the approval of the Code Official where system pressures may exceed hose test pressure or water supply could require an extensive hose lay to the structure.

180.28 SECTION 1009.2 ADDITION - - CONTINUITY AND COMPONENTS. Section 1009.2, Continuity and Components, Of the IFC, is hereby amended by adding the following #11 to said section:

Section 1009.2 Continuity and Components #11 Components of exterior walking surfaces shall be concrete, asphalt or other approved hard surface.

175.29 SECTION 1009.8 ADDITION - - TWO-WAY COMMUNICATION. Section 1009.8, Two-way Communication, of the IFC, is hereby amended by adding the following exception:

Section 1009.8 exception 7 Two-way communication systems are not required for elevators that serve two story buildings designed to meet the provisions of section IFC 1019, Exit Access Stairways and Ramps.

180.30 SECTION 1010.1.6 ADDITION - - LANDINGS AT DOORS. Section 1010.1.6, Landings at Doors, of the IFC, is hereby amended by adding a new section as follows:

Section 1010.1.6.1 Frost protection For landings required by Section 1010.1.5 to be at the same elevation on each side of the door, exterior landings at doors shall be provided with frost protection.

180.31 SECTION 1010.1.9.1 ADDITION - - HARDWARE. Section 1010.1.9.1 is hereby amended by adding a new sentence following this section:

Section 1010.1.9.1 Hardware Thumb turn locks shall not be allowed.

180.32 SECTION 1011.11 AMENDED - - HANDRAILS. Section 1011.11, Handrails, of the IFC is hereby amended by deleting exception 4 and inserting in lieu thereof the following:

Section 1011.11 Handrails exception 4 Changes in elevation of four or more risers within individual units of Group R-2 and R-3 occupancies require a handrail on at least one side.

180.33 SECTION 1013.1.1 ADDITION - - ADDITIONAL EXIT SIGNS. Section 1013.1.1, Additional Exit Signs, of the IFC, is hereby established by adding the following section:

Section 1013.1.1 Additional Exit Signs Exit signs may be required at the discretion of the Code Official to clarify an exit or exit access.

180.34 SECTION 1014.4 ADDITION - - (HANDRAIL) CONTINUITY. Section 1014.4, Continuity, of the IFC, is hereby amended by adding the following exception:

Section 1014.4 Continuity exception 6 Handrails within a dwelling unit or serving an individual dwelling unit of groups R-2 and R-3 shall be permitted to be interrupted at one location in a straight stair when the rail terminates into a wall or ledge and is offset and immediately continues.

180.35 SECTION 1028.5 ADDITION - - ACCESS TO A PUBLIC WAY. Section 1028.5, Access to a Public Way, of the IFC, is hereby amended by adding the following section:

Section 1028.5.1 Access to a Public Way Components of exterior walking surfaces shall be concrete, asphalt or other approved hard surface.

180.36 SECTION 1030.4 ADDITION - - WINDOW WELLS. Section 1030.4, Window wells, of the IFC, is hereby amended by adding a new section as follows:

Section 1030.4.3 Window well drainage All window wells shall be provided with approved drainage.

180.37 SECTION 1107 ADDITION - - EXISTING CSST - BONDING REQUIRED. Section 1107 is hereby established with the inclusion of the following sections:

Section 1107.1 Existing CSST - Bonding In Rental Units All rental dwellings shall be bonded in accordance with sections 310.2.1 through 310.2.5 of the Ankeny Fuel Gas Code, unless deemed technically infeasible by the Code Official.

Section 1107.2 Existing CSST - Bonding In Other Than Rental Units For other than rental dwelling units, where alterations, repairs or additions requiring a permit occur, CSST shall be bonded in accordance with sections 310.2.1 through 310.2.5 of the Ankeny Fuel Gas Code, unless deemed technically infeasible by the Code Official.

180.38 SECTION 1203.7 ADDITION - - SHUTDOWN OF EMERGENCY AND STANDBY POWER SYSTEMS. Section 1203.7, Shutdown of Emergency and Standby Power Systems, of the IFC, is hereby established by adding the following section:

Section 1203.7 Shutdown of Emergency and Standby Power Systems In addition to the requirements of NFPA 110 for a remote manual stop, a switch of an approved type shall be provided to shut down the generator. The switch shall be provided at an approved location.

180.39 SECTION 1203.8 ADDITION - - EMERGENCY GENERATOR SIGNS. Section 1203.8, Emergency Generator Signs, of the IFC, is hereby established by adding the following section:

Section 1203.8 Emergency Generator Signs Main electrical disconnects and main breaker panels supplied by the generator shall be provided with approved signs. Additionally, doors accessing emergency and standby power systems shall be provided with approved signs. When approved switches for emergency power shut-down are located remote from the fire alarm annunciator, an approved sign shall be provided at fire alarm annunciator. Approved signs shall contain the word CAUTION in black letters at least 2 inches (50 mm) high on a yellow background. Such warning signs shall be placed so as to be readily discernible.

180.40 SECTION 3301.2 AMENDED - - PURPOSE. Section 3301.2, Purpose, of the IFC, is hereby amended by deleting said section and inserting in lieu thereof the following:

Section 3301.2 Purpose This chapter prescribes minimum safeguards for construction, *alteration* and demolition operations to provide reasonable safety to life and property from fire and other emergencies during such operations.

180.41 SECTION 5601.4 ADDITION - - QUALIFICATIONS. Section 5601.4, Qualifications, of the IFC, is hereby amended by adding the following exception:

Section 5601.4 Qualifications exception Persons in charge of fireworks display or pyrotechnic special effect operations may be less than 21 years of age if they possess a valid PGI display fireworks operator certification or equivalent certification approved by the Code Official.

180.42 SECTION 5704 ADDITION - - STORAGE (TANKS) - - STORAGE OF FLAMMABLE OR COMBUSTIBLE LIQUIDS IN OUTSIDE ABOVEGROUND TANKS - - DISTRICT LIMITS. Section 5704 Storage, of the IFC, is hereby amended by adding a new section as follows:

Section 5704.1.1 - - Storage of flammable or combustible liquids in outside aboveground tanks - - District Limits Storage of flammable or combustible liquids in outside aboveground tanks is limited in all zoning districts, subject to restrictions, and allowed only as follows:

A. In M-1, M-2 and U-1 zoning district the maximum liquid storage capacity for any one tank shall be twelve thousand five hundred gallons and the maximum aggregate liquid storage capacity of all tanks at

any one site shall be twenty-five thousand gallons. All storage tank installations permitted under this subsection shall be subject to prior site plan review and approval by the Plan and Zoning Commission and shall be screened from view from property lines, if necessary.

B. In other than M-1, M-2 and U-1 zoning districts, generator(s) maximum liquid storage capacity for Legally Required Standby Systems of essential facilities including Risk Category III and IV buildings not fueled by natural gas shall be limited to a Class II fuel supply necessary to allow for twenty-four (24) hours of emergency operations in a NFPA/UL compliant sub-base tank (documentation from the generator manufacturer must be submitted to confirm the required fuel tank capacity). Installations permitted under this subsection shall be subject to prior site plan review and approval by the Plan and Zoning Commission and shall be screened from view from property lines.

C. All storage tank installations otherwise permitted under the above subsections shall be in conformance with the NFPA, the *International Fire Code* and all other applicable federal, state and municipal statutes, rules and regulations.

180.43 SECTION 5704.2.9.6.1 AMENDED - - LOCATIONS WHERE ABOVE-GROUND TANKS ARE PROHIBITED. Section 5704.2.9.6.1, Locations Where Above-Ground Tanks Are Prohibited, of the IFC, is hereby amended by deleting said section and inserting in lieu thereof the following:

Section 5704.2.9.6.1 Locations Where Above-Ground Tanks Are Prohibited Locations of above ground tanks shall be as stipulated in this chapter pursuant to 180.42 SECTION 5704 - STORAGE (TANKS) - - STORAGE OF FLAMMABLE OR COMBUSTIBLE LIQUIDS IN OUTSIDE ABOVEGROUND TANKS - - DISTRICT LIMITS.

180.44 SECTION 5706.2.4.4 AMENDED - - LOCATIONS WHERE ABOVE-GROUND TANKS ARE PROHIBITED. Section 5706.2.4.4, Locations Where Above-Ground Tanks Are Prohibited, of the IFC, is hereby amended by deleting said section and inserting in lieu thereof the following:

Section 5706.2.4.4 Locations Where Above-Ground Tanks Are Prohibited Locations of above ground tanks shall be as stipulated in this chapter pursuant to 180.42 SECTION 5704 - STORAGE (TANKS) - - STORAGE OF FLAMMABLE OR COMBUSTIBLE LIQUIDS IN OUTSIDE ABOVEGROUND TANKS - - DISTRICT LIMITS.

180.45 SECTION 5706.4 AMENDED - - BULK PLANTS OR TERMINALS - MAXIMUM CAPACITY WITHIN ESTABLISHED LIMITS (BULK PLANTS NOT ALLOWED). Section 5706.4, Bulk plants or terminals, of the IFC, is hereby amended by adding a new section as follows:

5706.4.0 Bulk Plants. For the purposes of Sections 1 through 3, "bulk plants" means that portion of the property where refined flammable or combustible liquids are received by tank, vessel, pipeline, tank car or tank vehicle, and are stored or blended in bulk for the purpose of distributing such liquids in tank, vessel, pipeline, tank car or tank vehicle or container.

(1) Location of bulk plants with aboveground storage facilities.

No new bulk plant with aboveground storage facilities shall be constructed within the city; except in the case that the facility is located on property owned by the City of Ankeny or the Ankeny Regional Airport Authority.

(2) Location of bulk plants with underground storage facilities.

No new bulk plant with underground storage facilities shall be constructed within any zoning district in the city except in the M-1 and M-2 zoning districts.

(3) Existing bulk plants--Subject to provisions.

Any bulk plant which is in operation prior to adoption of this ordinance, may continue to remain in operation so long as it remains otherwise lawful, subject to the following provisions:

(A) No such bulk plant may be enlarged or altered in a way which would increase its storage capacity unless such additional storage capacity is installed underground.

(B) Should any of the storage facilities be destroyed by any means, the same may be rebuilt, providing that such storage facilities are installed underground.

180.46 SECTION 5806.2 AMENDED - - LIMITATIONS. Section 5806.2, Limitations, of the IFC, is hereby amended by deleting said section and inserting in lieu thereof the following:

Section 5704.2.4.4 Limitations Locations of above ground tanks shall be as stipulated in this chapter pursuant to 180.42 SECTION 5704 - STORAGE (TANKS) - - STORAGE OF FLAMMABLE OR COMBUSTIBLE LIQUIDS IN OUTSIDE ABOVEGROUND TANKS - - DISTRICT LIMITS.

180.47 SECTION 6104.2 ADDITION - - MAXIMUM CAPACITY WITHIN ESTABLISHED LIMITS. Section 6104.2 Maximum capacity within established limits, of the IFC, is hereby amended by deleting said section and inserting in lieu thereof the following section as follows:

Section 6104.2 Maximum Capacity Within Established Limits Locations of above ground tanks shall be as stipulated in this chapter pursuant to 180.42 SECTION 5704 - STORAGE (TANKS) - - STORAGE OF FLAMMABLE OR COMBUSTIBLE LIQUIDS IN OUTSIDE ABOVEGROUND TANKS - - DISTRICT LIMITS.

2. Repeal. All ordinances or parts of ordinances in conflict with the provisions of this ordinance are hereby repealed.

3. Effective date. This ordinance shall be effective March 1, 2020, after its final passage and publication as required by law.

PASSED AND APPROVED this 20th day of January, 2020.

Gary Lorenz, Mayor

ATTEST:

Denise L. Hoy, City Clerk

**PUBLISHED IN THE
DES MOINES REGISTER
ON THE 24TH DAY OF JANUARY, 2020**

**1st Con 1/6/20
2nd Con 1/20/20
3rd Con 1/20/20**