

AN ORDINANCE AMENDING TITLE I, CHAPTER 130, ARTICLE 4; TITLE II, CHAPTER 140; TITLE IX, CHAPTER 600; AND MISCELLANEOUS SECTIONS OF THE CITY OF GLADSTONE, CLAY COUNTY, MISSOURI CODE OF ORDINANCES BY REPEALING CERTAIN PROVISIONS CONTAINED THEREIN AND ENACTING IN LIEU THEREOF NEW PROVISIONS DESIGNATED AS TITLE IX, CHAPTER 600 FIRE PREVENTION REGULATIONS RELATING TO THE CONSTRUCTION AND MAINTENANCE OF STRUCTURES AND PROPERTY WITHIN THE CITY AND DESIGNATED AS THE "BUILDING AND CONSTRUCTION ORDINANCE" FOR THE CITY OF GLADSTONE, CLAY COUNTY, MISSOURI.

WHEREAS, the mission of the City of Gladstone's Public Safety Department, Fire Division/Fire Prevention Unit is to increase life safety, property conservation and the safety of our community through proactive education of Fire and Life Safety Codes, plan reviews, and annual fire and life safety inspections; and

WHEREAS, the City Council of the City of Gladstone expresses the intent to protect the general health, welfare and safety of the resident, businesses and alike; and

WHEREAS, subsequent adoption of 2015 International Fire Code as amended was adopted on September 14, 2015 by Ordinance No. 4.321; and

WHEREAS, administration and enforcement of the complete set of regulations contained in the 2015 International Fire Code as amended is necessary to complement life safety and fire protection measures provided by administration and enforcement of the building and construction code regulations; and

WHEREAS, the City Council of the City of Gladstone, Missouri finds that it is in the best interest of the citizens and businesses of the City of Gladstone to readopt the 2015 International Fire Code as amended and enact the provision of Chapter 600 Fire Prevention Regulations of the Building and Construction Ordinance set forth herein;

NOW THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF GLADSTONE, CLAY COUNTY, MISSOURI AS FOLLOWS;

SECTION 1:

The following contained within the City of Gladstone's City Code of Ordinances is hereby repealed:

- Article 4, Automated External Defibrillator Program. Adopted under Ordinance No. 4.344, Title I Government, Chapter 130 Public Safety.
- Chapter 140 City Fire Prevention Code. Adopted under Ordinance No. 4.073, Title II Public Health, Safety and Welfare.
- Chapter 600 Fire Prevention Regulations; Adopted under Ordinance No. 4.321, Title IX Building and Construction Ordinance.
- Section 2.115.050 Burning Refuse Prohibited; exception. Adopted under Ordinance No. 3.529, Title II Public Health, Safety and Welfare, Chapter 115 Solid Waste and Litter.

- Section 3.100.070 Burning Prohibited Generally; exceptions. Adopted under Ordinance No. 3.569, Title III Offenses, Chapter 100 General Provisions.

SECTION 2:

- A. The following new chapter is hereby incorporated within Title IX of the Gladstone Code of Ordinances in lieu of the Chapters, Articles and Sections that were repealed under Section 1 above.

Chapter 600. Fire Prevention Regulations

- B. The specific provisions of the foregoing Chapter is attached, and incorporated as part of the Ordinance by this reference as if fully set forth herein.

SECTION 3:

The provisions of the Gladstone Code of Ordinances repealed herein shall not be construed to revive any former Ordinance, clause or provision of the Gladstone Code of Ordinances.

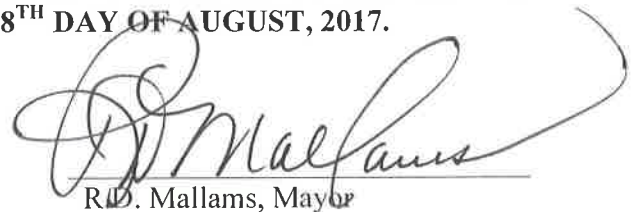
SECTION 4:

That if any section, subsection, sentence, clause or phrase of this legislation is, for any reason, held to be unconstitutional, such decision shall not affect the validity of the remaining portions of this ordinance, The City Council hereby declares that it would have passed this law, and each section, subsection, clause or phrase thereof, irrespective of the fact that any one or more sections, subsections, sentences, clauses and phrases be declared unconstitutional.

SECTION 5:

That nothing in this legislation, Chapter 600 or in the Fire Code hereby adopted shall be construed to affect any suit or proceeding impending in any court, or any rights acquired, or liability incurred, or any cause or causes of action acquired or existing, under any act or ordinance hereby repealed as cited in Section 1 of this law; nor shall any just or legal right or remedy of any character be lost, impaired or affected by this legislation.

PASSED, SIGNED AND MADE EFFECTIVE BY THE CITY COUNCIL OF THE CITY OF GLADSTONE, CLAY COUNTY, MISSOURI THIS 28TH DAY OF AUGUST, 2017.



R.D. Mallams, Mayor

Attest:




Ruth Bocchino, City Clerk

1st Reading: August 28, 2017

2nd Reading: August 28, 2017



***Department of Community Development
Memorandum***

DATE: July 31, 2017
TO: Scott C. Wingerson, City Manager
FROM: Alan D. Napoli, Building Official 
RE: Adoption of the 2015 International Fire Code (IFC)

At the August 14, 2017 City Council meeting during open study session the City Council heard information about the re-adoption of the 2015 IFC with amendments, additions and deletions. Attached is a Bill rescinding the current adoption of Chapter 600 Fire Prevention Regulations and in lieu thereof adopting Chapter 600 Fire Prevention Regulations as amended. I would like this to be presented to the City Council for their consideration at the August 28, 2017 City Council Meeting.

CHAPTER 600. FIRE PREVENTION REGULATIONS

Article 1. Fire Code.

Sec. 9.600.010 Adoption of the 2015 International Fire Code.

That a certain document, one (1) copy of which is on file in the office of the City Clerk of the City of Gladstone, Clay County, Missouri, in perpetuity, being marked and designated as the *International Fire Code*, 2015 edition, including Appendix Chapters:

Appendix B, Fire-Flow Requirements for Buildings,
Appendix C, Fire Hydrant Locations and Distributions,
Appendix D, Fire Apparatus Access Roads,
Appendix E, Hazard Categories,
Appendix F, Hazard Ranking,
Appendix G, Cryogenic Fluids – Weight and Volume Equivalents,
Appendix H, Hazard Materials Management Plan (HMMP) and Hazardous Materials
Inventor Statement (HMIS) Instructions,
Appendix I, Fire Protection Systems – Noncompliant Conditions, and
Appendix J, Building Information Sign.

as published by the International Code Council, be and is hereby adopted as the Fire Code of the City of Gladstone, Clay County, Missouri, for regulating and governing the safeguard of life and property from fire and explosion hazards arising from the storage, handling and use of hazardous substances, materials and devices, and from conditions hazardous to life or property in the occupancy of buildings and premises as herein provided; providing for the issuance of permits and collection of fees therefore; and each and all of the regulations, provisions, penalties, conditions and terms of said Fire Code on file in the office of the of the City Clerk of the City of Gladstone, Clay County, Missouri are hereby referred to, adopted, and made a part hereof, as if fully set out in the legislation, with the amendments, additions, and deletions, if any, prescribed in Section 9.600.020 of this chapter.

That if any section, subsection, sentence, clause or phrase of this legislation is, for any reason, held to be unconstitutional, or otherwise be declared invalid, such decision shall not affect the validity of the remaining portions of this chapter. The City Council hereby declares that it would have passed this law, and each section, subsection, clause or phrase thereof; irrespective of the fact that any one or more sections, subsections, sentences, clauses and phrases be declared unconstitutional, or otherwise be declared invalid..

That nothing in this legislation or in the Fire Code hereby be adopted shall be construed to affect any suit or proceeding pending in any court, or right acquired, or liability incurred, or any cause or causes of action acquired or existing, under any act or ordinance hereby repealed; nor shall any just or legal right or remedy of any character be lost, impaired or affected by this legislation.

Sec. 9.600.020 Amendments, additions, and deletions to the 2015 International Fire Code.

9.600.020.1 Amendments. The followings sections of the 2015 International Fire Code are omitted and not hereby incorporated as the follow identically numbered sections are adopted in lieu thereof:

[A] 101 Title. These regulations shall be known as the *Fire Code* of the City of Gladstone, Clay County, Missouri, hereinafter referred to as “this code”.

[A] 102.7 Referenced codes and standards. The codes and standards referenced in this code shall be those that are listed in Chapter 80, and such code and standards shall be considered to be part of the requirements of this code to the prescribed extent of each such referenced and as further regulated in Sections 102.7.1 and 102.7.2. In addition to the codes and standards referenced in Chapter 80 the following codes and standards shall be considered to be part of the requirements of this code:

- NFPA 3: Recommended Practice for Commissioning of Fire Protection and Life Safety Systems,
- NFPA 10: Standard for Portable Fire Extinguishers,
- NFPA 13: Standard for Installation of Sprinkler Systems,
- NFPA 14: Standard for the Installation of Standpipe and Hose Systems,
- NFPA 20: Standard for the Installation of Stationary Pumps for Fire Protection,
- NFPA 24: Standard for the Installation of Private Fire Service Mains and Their Appurtenances,
- NFPA 25: Standard for the Inspection, Testing, and Maintenance of Water Based Fire Protection Systems,
- NFPA 58: Liquid Petroleum Gas Code,
- NFPA 72: National Fire Alarm and Signaling Code,
- NFPA 99: Health Care Facilities Code, and

SECTION 108 MEANS OF APPEAL

[A] 108.1 Application for appeal. A person shall have the right to appeal a decision of the *fire code official* to the board of appeals. An application for appeal shall be based on a claim that the true intent of the code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply, or an equivalent method of protection or safety is proposed. The application shall be filed on a form obtained from the *fire code official* within twenty (20) calendar days after the notice was served.

[A] 109.4 Violation penalties. Any person who shall violate a provisions of this code, fail to comply with any of the requirements thereof or erect, install, alter or repair or do work in violation of the *approved construction documents* or directive of the *fire code official*, or of a permit or certificate used under provisions of this code, shall be guilty of a misdemeanor, punishable as provided for in Section 1.100.140 of the Gladstone Code of Ordinances. The imposition of one (1) penalty shall not excuse the violation, or permit it to continue; and all such persons shall be required to correct or remedy such violation(s) or defect(s) within a reasonable

time; and, when not otherwise specified, each day that a violation continues after due notice has been served shall be deemed a separate offense.

[A] 111.4 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 guilty of a misdemeanor, punishable as provided for in Section 1.100.140 of the Gladstone Code of Ordinances.

308.1.4 Open-flame cooking devices. Open-flame cooking, heating, or decorative devices, fueled by charcoal, wood, propane gas, natural gas, or other such fuels, and the fuels for such devices, shall not be operated, stored or located on decks, balconies, porches, and patios, or within ten (10) feet (3048 mm) of any dwelling unit within any apartment building; as defined in Title X, Chapter 200, Division 2, Section 10.200.202.

503.3 Marking. Where required by the *fire code official*, *approved* signs or other *approved* notices or markings that include the words NO PARKING – FIRE LANE shall be provided for fire apparatus access roads to identify such roads or prohibit the obstruction thereof. The means by which *fire lanes* are designated shall be maintained in a clean and legible condition at all times and be replaced, repaired, or repainted when necessary to provide adequate visibility.

The entire face and top of curb shall be painted either Red with White lettering or Yellow with Red lettering. Lettering shall be 4 inches (102 mm) high with a minimum stroke width of $\frac{3}{4}$ inch (19 mm) and shall be spaced no further apart than 25 feet (7.6 m) along the face of the curb.

In the absence of curb and where specified by the *fire code official* shall be marked with a 10 inch (254 mm) Red strip with White lettering or a Yellow Strip with Red lettering. Lettering shall be 4 inches (102 mm) high with a minimum stroke width of $\frac{3}{4}$ inch (19 mm) and shall be spaced no further apart than 25 feet (7.36 m).

If vertical signage is used, the minimum cumulative size shall be 96 square inches (0.06 m²). The sign shall contain the words “No Parking” or the universal symbol for no parking along with the words “Fire Lane”. The sign shall be white with red lettering. The bottom of the sign shall be mounted 7 feet (2 m) above grade and outer edge of the sign shall be 2 feet (610 mm) to 3 feet (914 mm) from the front face of the curb or edge of pavement when no curb present. Signs shall be spaced no further apart than 20 feet (6 m).

505.1 Address identification. New and existing buildings shall be provided with *approved* address identification. The address identification shall be legible and placed in a position that is visible from the street or road fronting the property. Address identification characters shall contrast with their background. Address numbers shall be Arabic numbers or alphabetical letters. Numbers shall not be spelled out. Each character shall be not less than 8 inches (203 mm) high with a minimum stroke width of $\frac{1}{2}$ inch (12.7 mm). Where required by the *fire code official*, address identification shall be provided in additional *approved* locations to facilitate emergency response. Where access is by means of a private road and the building cannot be view from the *public way*, a monument, pole or other sign or means shall be used to identify the structure. Address identification shall be maintained.

Exceptions:

1. Residential Group R-2 and R-3 shall be a minimum of 4 inches (102 mm).
2. Home Day Care Facilities approved by a Special Use Permit shall be 6 inches (152 mm) high.
3. Existing non-conforming uses shall not be required to modify their addresses; unless they are so worn, faded, or otherwise required to be replaced by the *fire code official* for due cause.

506.1.1 Locks. An *approved* lock, lockable device or shutoff device shall be installed on the following:

The following shall require a key box or an approved lockable or shutoff device.

1. All fire department connections and standpipe connections.
Exception: Existing connections shall be converted by January 1, 2023 or if the *fire code official* finds missing cap(s) then all connections shall be brought into compliance promptly.
2. Automatic entrance gates or similar barriers shall be equipped with an approved fire department operating/opening device.
3. Non-automatic entrance gates or similar barriers.
4. Excessive travel from entrance or other exigent circumstances exist.
5. Electrical service(s) in excess of 200 amps.

507.5.2 Inspection, testing and maintenance. Fire hydrant systems shall be subject to periodic testing as required by the *fire code official*. Fire hydrant systems shall be maintained in an operative condition at all times and shall be repaired where defective. Additions, repairs, *alterations* and servicing shall comply with *approved* standards and NFPA 291. Records of tests and required maintenance shall be maintained.

507.5.3 Private fire service mains and water tanks. Private fire service mains and water tanks shall be periodically inspected, tested and maintained in accordance with NFPA 25 and NFPA 291 at the following intervals:

1. Private fire hydrants of all types: Inspection annually and after each operation; flow test and maintenance annually.
2. Fire service main piping: Inspection of exposed, annually; flow test every 5 years.
3. Fire service main piping strainers: Inspection and maintenance after each use.

Records of inspections, testing and maintenance shall be maintained.

507.5.5 Clear space around hydrants. A 5-foot (1,524 mm) clear space shall be maintained around the circumference of the fire hydrants, except as otherwise required or *approved*.

Exception: No tree shall be planted within ten (10) feet of any fire hydrant.

509.1 Identification. Fire protection equipment shall be identified in an *approved* manner. Rooms containing controls for mechanical systems, sprinkler riser and valves, or other fire detection, suppression or control elements shall be identified for the use of the fire department.

Approved signs required to identify fire protection equipment and equipment location shall be constructed of durable materials, permanently installed and readily visible. Signage shall be affixed to the doors of these rooms. The signage shall be red letters a minimum of 4 inches (102 mm) high with a minimum stroke width of ½ inch (12.7 mm). The *fire code official* may require trailblazing signage from the main entrance to these rooms.

912.2 Location. With respect to hydrants, driveways, buildings and landscaping, fire department connections shall be so located that fire apparatus and hose connected to supply the system will not obstruct access to the buildings for other fire apparatus. The location of the fire department connection shall be located within 75 feet (22,860 mm) of a fire hydrant and within 10 feet (3,048 mm) from a paved surface and shall be *approved* by the *fire code official*.

912.5 Signs. A metal sign with raised letters not less than 4 inches (102 mm) in size shall be mounted on all fire department connections serving automatic sprinklers, standpipes or fire pump connections. Such signs shall read: AUTOMATIC SPRINKLERS or STANDPIPES or TEST CONNECTION or a combination thereof as applicable. Where the fire department connection does not serve the entire building, a sign shall be provided indicating the portions of the building served.

[BE] 1004.3 Posting of occupant load. Every room or space that is an assembly occupancy shall have the *occupant load* of the room or space posted in a conspicuous place, near the main *exit* or *exit access* doorway from the room or space. Posted signs shall be an *approved* legible permanent design using Arabic numerals or alphabet letters with letters a minimum height of 3 inches (76.2 mm) and a minimum stroke width of ½ inch (12.7 mm).

5601.1.3 Fireworks. The possession, manufacture, storage, sale, handling and use of fireworks are prohibited.

Exceptions:

1. Storage and handling of fireworks as allowed in Section 5604.
2. Manufacture, assembly and testing of fireworks as allowed in Section 5605.
3. The use of fireworks for fireworks displays as allowed in Section 5608.
4. The possession, storage, sale, handling and use of specific types of Division 1.4G fireworks where allowed by applicable laws, ordinances and regulations, provided such fireworks and facilities comply with NFPA 1124, CPSC 16 CFR Parts 1500 and 1507, and DOTn 49 CFR Parts 100-185, for consumer fireworks.
5. The use or possession of fireworks of any kind within the jurisdiction's parkland is permitted, by permit, only when authorized in writing by the Parks, Recreation and Cultural Arts Director for outdoor special events.

5601.2.2 Sale, retail display, use and possession. Within the jurisdiction, *persons* shall not:

1. Construct a retail display or offer for sale *explosives*, *explosive materials* or fireworks.
2. Offer for sale, sell, purchase, use, ignite, display or discharge any fireworks.
3. Possess any fireworks.

Exception: Fireworks safely stored within a home or within the locked truck or other locked storage compartment of a motor vehicle.

4. Permit the sale, purchase, use, ignition, display, explosion or possession of fireworks by another person upon any real property they are in control of.
5. Display or cause to be displayed public fireworks for entertainment purposes.

5601.2.4.1 Blasting. Blasting is prohibited within the jurisdiction.

5704.2.9.6.1 Locations where above-ground tanks are prohibited. Storage of Class I and II liquids in above-ground tanks outside of buildings is prohibited, provided that an application for a permit may be filed for a tank with a capacity of up to 1,000 gallons if such tank will be located on any property zoned for commercial or industrial use; or property used for industrial purposes, regardless of the property's zoning. Not more than 1,000 gallons of combustible or flammable liquid shall be stored on any one lot, tract, parcel or premises.

5706.2.4.4 Locations where above-ground tanks are prohibited. Storage of Class I and II liquids in above-ground tanks outside of buildings is prohibited, provided that an application for a permit may be filed for a tank with a capacity of up to 1,000 gallons if such tank will be located on any property zoned for commercial or industrial use; or property used for industrial purposes, regardless of the property's zoning. Not more than 1,000 gallons of combustible or flammable liquid shall be stored on any one lot, tract, parcel or premises.

5806.2 Limitations. Storage of flammable *cryogenic fluids* in stationary containers outside of buildings is prohibited, provided that an application for a permit may be filed for a tank with a capacity of up to 1,000 gallons if such tank will be located on any property zoned for commercial or industrial use; or property used for industrial purposes, regardless of the property's zoning. Not more than 1,000 gallons of combustible or flammable liquid shall be stored on any one lot, tract, parcel or premises.

6104.2 Maximum capacity within established limits. Storage of liquefied petroleum gas is prohibited, provided that an application for a permit may be filed for a tank with a water capacity of 2,000 gallons if such tank will be located on property with an M-1 use. Not more than 2,000 gallons, water capacity, of liquefied petroleum gas shall be stored on any lot, tract, parcel or premises.

Sec. 9.600.020.2 Additions. The following sections are hereby incorporated and adopted in the 2015 International Fire Code:

104.11.4 Temporary directive. A dangerous condition not specifically addressed by this code but in the opinion of the Director of Public Safety, Fire/EMS Division Chief, and/or the *fire code official*, is a dangerous condition that relates to the intention of this code and that constitutes a distinct hazard to life or property; a temporary directive may be issued to address such condition. The directive shall expire no later than sixty (60) days from the date of issuance.

106.2.1.1 Priority inspections. An inspection request that is time sensitive; which the *fire code official* reprioritizes to occur out of a routine inspection schedule.

106.5 Annual inspections. The *fire code official* is authorized to conduct annual inspections of commercial businesses, places of assembly, and other buildings as identified by this code; for fire hazards and life safety hazards.

106.5.1 Inspection decals. The *fire code official* may place a decal on the exterior of the building to identify that an annual inspection has been conducted and passed. Such decal may also identify building systems or special consideration that may exist inside the building that may affect the priority or operations of emergency response. The decal shall indicate the nominal year of the inspection and shall not be removed without the permission of the *fire code official*.

106.6 State required inspections: The *fire code official* may require documentation that the following items have been inspected annually as required by the State Fire Marshal's Office:

1. Fire sprinkler systems,
2. Daycares,
3. Residential institutions,
4. Amusement rides,
5. Pressure vessels, and
6. Elevators.

307.1.2 Prohibited burning. The following shall be prohibited within the jurisdiction:

1. The burning of rubbish and/or garbage.

Exception: Burning may be done in an incinerator approved by the local health department and the jurisdiction.

2. Persons who willfully set fire to any grass, weeds or any other flammable materials outdoors.

Exceptions:

- a. The use of charcoal, lighter fluid, wood chips and similar flammable materials for the sole use of cooking or smoking food. Such materials shall be located within a device specifically designed for this purpose, located away from combustible materials, attended at all times and extinguished immediately after completion of use.
 - b. Temporary UL-approved heating devices located away from combustible materials, be attended by competent person and compliant with this code.
 - c. The use of fifty-five (55) gallon barrels or similar devices containing a minimal amount of untreated natural wood construction waste may be utilized for warming of construction workers. Such containers shall be located away from combustible materials, attended at all times and extinguished immediately after completion of use. This method of warming is only applicable to construction sites possessing a valid building permit, which authorizes the construction of structures exceeding 1,200 square feet and may be prohibited by the jurisdiction at any time upon written notice to the holder of the building permit.
 - d. Fire pits in compliance with this code.
3. The burning of solid waste as defined by applicable federal, state and local regulations.

307.1.3 Fire hazard emergency. The City Manager may declare a fire hazard emergency and prohibit open burning of any material for the protection of the health, welfare and safety of the jurisdiction. Such prohibition against open burning shall continue until rescinded by the City Manager.

307.6 Parkland. The igniting and maintaining of any fire on parkland is prohibited.

Exception: In designated grills or other fireplaces provided by the jurisdiction as prescribed:

1. Fire shall not be left unattended.
2. Fire shall be extinguished after use.

307.6.1 Fire danger. The jurisdiction may prohibit all fires on parkland by posting of signs to that effect during designated periods of drought.

507.2.1.1 Fire hydrant makings. Fire hydrants located on private fire service mains and/or private water mains shall have their bases painted red and the caps shall be painted as follows:

1. 2-inch main shall be painted Red.
2. 4-inch main shall be painted Orange.
3. 6-inch main shall be painted Green.
4. 8-inch or larger main shall be painted Blue.

504.4 Signage. Door(s) leading from a common area or hallway to the building roof access shall have signage affixed to the door(s). The signage shall be letters a minimum of 4 inches (102 mm) high with a minimum stroke width of ½ inch (12.7 mm). The letters shall be contrasting to the background.

506.1.1.1 Decals. The *fire code official* may place a decal on doors servicing occupancies with any of the boxes, locks or devices in sections 506.1 and 506.1.1.

507.5.7 Crossing or driving over fire hose. It shall be unlawful for the driver of any vehicle to drive over an unprotected fire hose when laid down on any street, alley, parking lot, or private way, or cause to be done or cause to be done in violation of this section.

Exception: With approval of the Fire Department official in charge on scene.

607.9 Elevator machine room access and signage. An *approved* means of access shall be provided to the elevator machine rooms, control rooms, control spaces and machinery spaces. The door(s) to these rooms shall have signage affixed to the door(s). The signage shall be red letters a minimum of 4 inches (102 mm) high with a minimum stroke width of ½ inch (12.7 mm). The *fire code official* may require trailblazing signage from the main entrance to the elevator mechanical room.

903.2.12.1 Cumulative renovation. In consideration of whether an *automatic sprinkler system* must be installed in a building, where any adopted code defines the threshold for renovations of 50% or more of a floor or building for applicability of codes in consideration of an *automatic sprinkler system*, the 50% shall be defined as the cumulative sum of the floor and/or building area for all work performed and/or permits obtained since January 1, 2015.

912.2.3 New buildings. The exterior fire department connection, building or remote connection, shall be indicated by an *approved* sign mounted to or adjacent to the fire department connection. Such sign shall have letters “FDC” not less than 6 inches (152 mm) in height. The letters shall be white reflective lettering on a red retro-reflective background.

913.1.1 Required. Fire pumps shall be required for commercial buildings that require fire sprinkler systems where the following conditions exist:

1. The building exceeds 2 stories in height measured from any ground surface level. This shall include a 2 story building with a basement exposed on at least one side of the building with a walk-out door or window, and
2. The static pressure on the fire main serving the building sprinkler system has less than 80 psi (551.58 kPa) as measured in the highest hours of demand annually for the system or residual pressure below 60 psi (413.69 kPa). In absence of any specific information the demand hour shall be considered the highest hour between Noon and Midnight in during the first week of August.

Where fire pumps are required they shall be electric motor driven; unless otherwise specifically approved by the *fire code official*.

1022.2.3 Numbering. Where a building or structure, either with one or multiple tenants, has three or more exits, a sequential numbering system shall be required. The numbers shall be affixed to the doors on the interior and exterior. The numbers shall be red with a minimum height of 4 inches (102 mm) and a minimum stroke width of ½ inch (12.7 mm).

3304.1.1 Ignitable and combustible materials. No person shall throw away or discard any lighted match, cigar, cigarette, tobacco, paper or materials within or against any building, vehicle, or under any tree or in underbrush.

5608.2.3 Bond required. Prior to issuing any permit for a fireworks display, the applicant shall file with the jurisdiction a surety bond or a public liability policy in the amount requested by the jurisdiction having authority, for the purpose of the payment of damages to property which arise from, or are caused by, the conduct of any act authorized by the permit upon which any judicial judgement results. The surety bond or public liability policy shall list the jurisdiction having authority as additionally insured.

SECTION D109 PROTECTION OF TRAFFIC

D109.1 Trenches and excavations. Street/road/highway construction within or adjacent to fire apparatus access roads shall have erected and maintain suitable timber barriers to confine earth from trenches and excavations in order to encroach upon streets/roads/highways as little as possible. The construction site shall be maintained with adequate and safe crossings over trenches and excavations under improvement to accommodate vehicular and pedestrian traffic.

Sec. 9.600.020.3 Deletions. The following sections of the 2015 International Fire Code are omitted and not hereby incorporated:

[A] 108.2 Limitation on authority.

[A] 108.3 Qualifications.

1103.2 Emergency responder radio coverage in existing buildings.

Sec. 9.600.030 Violations.

9.600.030.1 Unlawful acts. It shall be unlawful for any person, firm, or corporation to be in conflict with or in violation of any of the provisions of this chapter.

9.600.030.2 Violation; penalties. Any person, who violates a provision of this chapter or fails to comply with any order made thereunder, or any certificate or permit issued thereunder, and from which no appeal has been taken, or who shall fail to comply with such order as affirmed or modified by the board of appeals, or by a court of competent jurisdiction, within the time fixed herein, shall severally, for each and every such violation and noncompliance respectively, be guilty of a misdemeanor, punishable as provided for in Section 1.100.140 of the City of Gladstone, Clay County, Missouri Code of Ordinances. The imposition of one (1) penalty for any violation shall not excuse the violation, or permit it to continue; and all such persons shall be required to correct or remedy such violation(s) or defect(s) within a reasonable time; and, when not otherwise specified, each day that a violation continues after due notice has been served shall be deemed a separate offense.

Article 2. Automated External Defibrillator Program.

Sec. 9.600.040. General Provisions.

9.600.040.1 Title. This article shall be known as Automated External Defibrillator (AED) Program of the City of Gladstone, Clay County, Missouri, hereinafter referred to as “this article”

9.600.040.2 Intent. The purpose of this article is to create and maintain the City’s public AED program and establish guidelines for use, training, and data collection, as well as requirements and procedures for implementing and using AED’s by qualified laypersons within the City.

9.600.040.3 Severability. If a section, subsection, sentence, clause or phrase of this article is, for any reason, held to be unconstitutional or otherwise invalid; such decision shall not affect the validity of the remaining portions of this article.

9.600.040.4 Validity. In the event any part or provision of this article is held to be illegal or void, this shall not have the effect of making void or illegal any of the other parts or provisions hereof, which are determined to be legal; and it shall be presumed that this article would have been adopted without such illegal or invalid parts or provisions.

Sec. 9.600.050. Applicability.

9.600.050.1 General. Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall be applicable. Where, in any specific case, different sections of this article specify different requirements, the most restrictive shall govern.

9.600.050.2 Other laws. The provision of this article shall not be deemed to nullify any provisions of local, state or federal law.

Sec. 9.600.060. Definitions.

9.600.060.1 Scope. Unless otherwise expressly stated, the following words and terms shall, for the purpose of this article, have the meaning shown in this section.

9.600.060.2 Interchangeability. Words used in the present tense include the future; words stated in the masculine gender include the feminine and neuter; the singular number includes the plural and the plural, the singular.

9.600.060.3 Terms not defined. Where terms are not defined through the methods authorized by this section, such terms shall have ordinarily accepted meanings such as the context implies.

9.600.060.4 General Definitions.

Authorized user. Any person who has met the training standards of this article, and is authorized to use an AED by the program manager in accordance with this article.

Automated External Defibrillator (AED). An external defibrillator capable of cardiac rhythm analysis that will charge and, with or without further operator action, deliver a shock after electronically detecting that a “Shockable Rhythm” is present.

Fire Division Chief. The chief of the Fire and EMS Division, as appointed by the Director of Public Safety of the City of Gladstone.

Health care facility. A hospital, nursing home, physician's office or other fixed location at which medical and health care services are routinely preformed.

Medical director. A physician, appointed by the City Manager, who is trained to operate, maintain, and review usage of *AED's* and who develops, implements, and maintains the medical control provisions of this article and any regulations promulgated pursuant thereto.

Program manager. A person, appointed by the Director of Public Safety, who works with the *medical director* to oversee the administration of the *PAD program* at specific sites within the City of Gladstone.

Public Access Defibrillation (PAD) program. The program to provide and utilize *AED's* by rescuers to treat victims of cardiac arrest in public or private places, including first aid providers not associated with the pre-hospital emergency medical services provider for the City; staff of nursing homes not otherwise exempt by this article, and similar activities.

Public Access Defibrillation (PAD) site. An agency, business, organization, individual, or other entity that sponsors a *PAD program* and allows placement of an *AED* on its premises.

Sec. 9.600.070 AED's; use of. No business, entity, institution, or person shall begin a *public access defibrillator program* or maintain an existing *public access defibrillator program* unless certified by the Director of Public Safety or his/her designee.

Exceptions:

1. Hospitals licensed by the State of Missouri.
2. Physicians licensed by the State of Missouri as a physician pursuant to RSMo. Ch. 334.
3. Nurses licensed by the State of Missouri as a nurse pursuant to RSMo. Ch. 335.
4. Mutual aid providers working for an ambulance service, fire department, or other emergency medical services (EMS) agency that are called into the City to provide mutual aid to the City's pre-hospital emergency medical services.
5. Person(s) working for the City of Gladstone's Fire and EMS Division that are trained and approved by the City to provide pre-hospital emergency medical services.
6. *Health care facilities* that are properly licensed by the State of Missouri.

Sec. 9.600.080 Fire Division Chief and program manager duties.

9.600.080.1 General. The Director of Public Safety, *Fire Division Chief* and *program manager* are hereby authorized to enforce the provisions of this article and shall have the authority to render interpretations of this article, and to adopt policies, procedures, rules and regulations in order to clarify the application of its provisions. Such interpretations, policies, procedures, rules and regulations shall be in compliance with the intent and purpose of this article and shall not have the effect of waiving requirements specifically provided for in this article.

9.600.080.2 Duties; Director of Public Safety. The Director of Public Safety or his/her designee shall have the following duties:

1. Shall have the right to audit any use of an *automated external defibrillator* that is subject to this article. The Director of Public Safety or his/her designee may review maintenance and repair records, training records, reports of cardiopulmonary resuscitation or *automated external defibrillator* use, and any other records necessary to determine compliance with the terms of this article and any corresponding regulations. The audit may also include gathering clinical data and information from the person who used the *automated external defibrillator*, and from the *automated external defibrillator* itself.
2. May delegate duties to appropriate personnel, including the *medical director* or other persons or entities determined by the Director of Public Safety to be qualified to oversee the operations of the *public access defibrillation program*.
3. Shall review or have reviewed applications of the *public access defibrillation program* and certify only those programs that establish conformance with the *public access defibrillation program* duties, defined by this article and any adopted regulations. Such certification shall be effective for for twelve (12) months following such certification, unless it is revoked as a result of an audit by the *Fire Division Chief* or *program manager*, which determines that the *public access defibrillation program* has failed to comply with the *public access defibrillation program* regulations outlined in section 9.600.090. Each *public access defibrillation program* must apply and be re-certified every twelve (12) months.

9.600.080.3 Duties; program manager. The *program manager* shall have the following duties:

1. Shall maintain a list of authorized *public access defibrillation sites*, which shall be available to the Gladstone Fire and EMS Division.
2. Shall have the right to audit any use of an *automated external defibrillator* that is subject to this article. The *program manager* may review maintenance and repair records, training records, reports of cardiopulmonary resuscitation or *automated external defibrillator* use, and any other records necessary to determine compliance with the terms of this article and any corresponding regulations. The audit may also include gathering clinical data and information from the person who used the *automated external defibrillator*, and from the *automated external defibrillator* itself.

Sec. 9.600.090 Public access defibrillation program regulations.

9.600.090.1 General. Any person, business, entity, or institution acquiring an *automated external defibrillator* shall adhere to the following regulations:

9.600.090.1.1 Training. Authorized use of an *automated external defibrillator* shall be only by persons who have received training by the American Heart Association, American Red Cross, or an equivalent nationally recognized course approved by the *medial director*, which includes training in the identification of cardiac arrest, administration of cardiopulmonary resuscitation, and the use of *automated external defibrillators*.

9.600.090.1.2 Maintenance. *Automated external defibrillators* shall be maintained and tested in accordance with the manufacture's operational guidelines, and maintain records of the

same. Records of maintenance and testing shall be made available to the Director of Public Safety, *Fire Division Chief* and/or *program manager* upon request.

9.600.090.1.3 Automated external defibrillator; notification of use. Any person who renders emergency care or treatment outside of a health care facility or emergency medical services system by using an *automated external defibrillator* must notify the emergency medical services system through proper use of the 911 system or other means, to seek pre-hospital emergency medical services, as soon as possible.

9.600.090.1.4 Medical control. Anyone acquiring an *automated external defibrillator* for use outside a *health care facility* shall have an authorized physician to:

1. Provide the medical protocol for the use of the device;
2. Review and advise regarding the training and skill maintenance of authorized users; and
3. Review situations where the *automated external defibrillator* is used to render emergency care.

Such protocol will be made available to the Director of Public Safety or his/her designee upon request. The City's *medical director* may be utilized to satisfy requirements of this subsection.

9.600.090.1.5 Cooperation with the Director of Public Safety, Fire Division Chief and/or program manager. Any user of an *automated external defibrillator* shall fully cooperate with officials within the Public Safety Department in any audit or other quality assurance review, including the retrieval of clinical data from the device itself.

9.600.090.1.6 List of authorized user. A *public access defibrillation program* shall maintain a list of the authorized users, which shall also reflect the user's training and qualifications. This list is subject to audit by the officials within the Public Safety Department.

Sec. 9.600.100 Violations.

9.600.100.1 Unlawful acts. It shall be unlawful for any person, firm, or corporation to be in conflict with or in violation of any of the provisions of this chapter.

9.600.100.2 Violation; penalties. Any person, who violates a provision of this chapter or fails to comply with any order made thereunder, or any certificate or permit issued thereunder, and from which no appeal has been taken, or who shall fail to comply with such order as affirmed or modified by the board of appeals, or by a court of competent jurisdiction, within the time fixed herein, shall severally, for each and every such violation and noncompliance respectively, be guilty of a misdemeanor, punishable as provided for in Section 1.100.140 of the City of Gladstone, Clay County, Missouri Code of Ordinances. The imposition of one (1) penalty for any violation shall not excuse the violation, or permit it to continue; and all such persons shall be required to correct or remedy such violation(s) or defect(s) within a reasonable time; and, when not otherwise specified, each day that a violation continues after due notice has been served shall be deemed a separate offense.