

An ordinance adopting the International Fire Code/2009 Edition with changes, including Appendix Chapters B and C, as the Fire Code of the City of Saint Louis; repealing Ordinance 64772 which adopted the 1999 BOCA National Fire Prevention Code; and containing a penalty clause, a savings clause, a severability clause and an emergency clause.

BE IT ORDAINED BY THE CITY OF SAINT LOUIS AS FOLLOWS:

SECTION ONE.

Ordinance 64772, approved November 8, 1999, pertaining to the Fire Code of the City of Saint Louis, which adopted the 1999 BOCA National Fire Prevention Code, is hereby repealed.

SECTION TWO.

The International Fire Code, 2009, Fourth Edition as published by the International Code Council, one copy of which is filed of record in the Office of the Register of the City of Saint Louis, being marked and designated as the International Fire Code, including Appendix Chapters B and C is hereby adopted as "The Fire Code of the City of Saint Louis, in the State of Missouri"; for the control of buildings and structures as herein provided; and that each and all of the regulations, provisions, penalties, conditions and terms of said International Fire Code are hereby referred to, adopted and made a part hereto, as if set out in this ordinance with the additions, insertions, deletions

and changes prescribed in Section Three of this Ordinance.

October 4, 2013

Page 1 OF 54

Board Bill # 193 Sponsor: Alderwoman Young

SECTION THREE.

That the International Fire Code, 2009 is amended and changed in the following respects:

Change Chapter 1 to read as follows:

CHAPTER 1

SCOPE AND ADMINISTRATION

PART 1 - GENERAL PROVISIONS

SECTION 101

SCOPE AND GENERAL REQUIREMENTS

101.1 Title. These regulations shall be known as the Fire Code of the City of Saint Louis hereinafter referred to as "this code".

101.2 Scope. This code establishes regulations affecting or relating to structures, processes and premises and safeguards regarding:

1. The hazard of fire and explosion arising from the storage, handling or use of structures, materials or devices;
2. Conditions hazardous to life, property or public welfare in the occupancy of structures or premises;
3. Fire hazards in the structure or on the premises from occupancy or operation;
4. Matters related to the construction, extension, repair, alteration or removal of fire suppression or alarm systems.
5. Conditions affecting the safety of fire fighters and emergency responders during emergency operations.

101.2.1 Appendices. Appendix Chapters B and C are specifically adopted.

101.3 Intent. The purpose of this code is to establish the minimum requirements consistent with nationally recognized good practice for promoting 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.

101.4 Severability. If a section, subsection, clause or phrase of this code is, for any reason, held to be invalid, the remainder of this code shall remain in full force and effect.

be unconstitutional, such decision shall not affect the validity of the remaining portions of this code.

101.5 Validity. In the event any part or provision of this code 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 code would have been adopted without such illegal or invalid parts or provisions.

SECTION 102 APPLICABILITY

102.1 Construction and design provisions. The construction and design provisions of this code shall apply to:

1. Structures, facilities and conditions arising after the adoption of this code.
2. Existing structures, facilities and conditions not legally in existence at the time of adoption of this code.
3. Existing structures, facilities and conditions which, in the opinion of the fire official, constitute a distinct hazard to life or property.

102.2 Administrative, operational and maintenance provisions. The administrative, operational and maintenance provisions of this code shall apply to:

1. Conditions and operations arising after the adoption of this code.
2. Existing conditions and operations.

102.3 Change of use or occupancy. No change shall be made in the use or occupancy of any structure that would place the structure in a different division of the same group or occupancy or in a different group of occupancies, unless such structure is made to comply with the requirements of this code and the International Building Code and the International Existing Building Code. Subject to the approval of the building official, the use or occupancy of an existing structure shall be permitted to be changed and the structure is allowed to be occupied for purposes in other groups without conforming to all the requirements of this code, the International Building Code, and the International Existing Building Code for those groups, provided the new or proposed use is less hazardous, based on life and fire risk, than the existing use.

102.4 Application of building code. The design and construction of new structures shall comply with the International Building Code and enforced by the building official, and any alterations, additions, changes in use or changes in structures required by this code, which are within the scope of the International Existing Building Code, shall be made in accordance therewith and enforced by the building official.

102.5 Application of residential code. Where structures are designed and constructed in accordance with the International Residential Code, the provisions of this code shall apply as follows:

October 4, 2013

Page 3 OF 54

Board Bill # 193 Sponsor: Alderwoman Young

1. Construction and design provisions: Provisions of this code pertaining to the exterior of the structure shall apply including, but not limited to, premises identification, fire apparatus access and water supplies. Where interior or exterior systems or devices are installed, building or construction permits required by Section 105.7 of this code shall also apply.
2. Administrative, operational and maintenance provisions: All such provisions of this code shall apply.

102.6 Historic buildings. The provisions of this code relating to the construction, alteration, repair, enlargement, restoration, relocation or moving of buildings or structures shall not be mandatory for existing buildings or structures identified and classified by national or City of Saint Louis as historic buildings or landmarks when such buildings or structures do not constitute a distinct hazard to life or property. Fire protection in designated historic buildings and structures shall be provided in accordance with an approved fire protection plan.

102.7 Referenced codes and standards. The codes and standards referenced in this code shall be considered part of the requirements of this code to the prescribed extent of each such reference. Where differences occur between provisions of this code and referenced standards, the provisions of this code shall apply. Reference standards shall be permitted to be updated by rule making authority of the building official.

102.8 Subjects not regulated by this code. Where no applicable standards or requirements are set forth in this code, or are contained within other laws, codes, regulations, ordinances or bylaws adopted by the City of Saint Louis, compliance with applicable standards of the National Fire Protection Association or other nationally recognized fire safety standards, as approved, shall be deemed as prima facie evidence of compliance with the intent of this code. Nothing herein shall derogate from the authority of the fire official to determine compliance with codes or standards for those activities or installations within the fire official's jurisdiction or responsibility.

102.9 Matters not provided for. Requirements that are essential for the public safety of an existing or proposed activity, building or structure, or for the safety of the occupants thereof, which are not specifically provided for by this code shall be determined by the fire official.

102.10 Conflicting provisions. Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall be applicable. Where, in a specific case, different sections of this code specify different materials, methods of construction or other requirements, the most restrictive shall govern.

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

102.12 Application of references. References to chapter or section numbers, or to provisions not specifically identified by number, shall be construed to refer to such chapter, section or provision of this code.

October 4, 2013

Page 4 OF 54

Board Bill # 193 Sponsor: Alderwoman Young

PART 2 - ADMINISTRATIVE PROVISIONS

SECTION 103 FIRE SAFETY UNIT

103.1 General. The Fire Safety Unit is established within the City of Saint Louis under the direction of the Director of Public Safety and the Building Commissioner. The function of the Fire Safety Unit shall be the implementation, administration and enforcement of the provisions of this code.

103.2 Appointment. The fire official shall be appointed under the rules of the Civil Service Commission.

103.3 Organization. The fire official shall appoint such number of officers, technical assistants, inspectors and other employees as is necessary for the administration of this code and as authorized by the appointing authority.

103.3.1 Deputy. The fire official is authorized to designate an employee as deputy who shall exercise all of the powers of the fire official during the temporary absence or disability of the fire official.

103.3.2 Restriction of employees. An official or employee connected with the enforcement of this code, except one whose only connection is that of a member of the Board of Building Appeals established under the building code listed in Section 108, shall not be engaged in, or directly or indirectly connected with, the furnishing of labor, materials or appliances for the construction, alteration or maintenance of a building, or the preparation of construction documents thereof, unless that person is the owner of the building, or a first degree relative of the owner of the building; nor shall such officer or employee engage in any work which conflicts with official duties or with the interests of the Division of Building and Inspection.

Further, no Building Division employee shall be employed by or serve as an employee of any other division within the city service unless a formal request is made by the Building Commissioner to and approved by the appointing authority of that division.

103.4 Relief from personal responsibility. The building/fire official or employee charged with the enforcement of this code, while acting for the jurisdiction, shall not thereby be rendered liable personally, and is hereby relieved from all personal liability for any damage accruing to persons or property as a result of any act required or permitted in the discharge of official duties. Any suit instituted against any employee because of an act performed by that person in the lawful discharge of duties and under the provisions of this code shall be defended by the City of Saint Louis City Counselor's Office until the final termination of the proceedings. The building official or any

subordinates shall not be liable for costs or judgement in any action, suit or proceeding that is instituted in pursuance of the provisions of this code; and any employee of the Division of Building and Inspection, acting in good faith and without malice, shall be free from liability for acts performed under any of its provisions or by reason of any act or omission in the performance of official duties in connection therewith.

The above protection shall also extend to former employees for work performed during their period of employment with the City of Saint Louis.

SECTION 104 GENERAL AUTHORITY AND RESPONSIBILITIES

104.1 General. The fire official is hereby authorized to enforce the provisions of this code and shall have the authority to render interpretations of this code, 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 code and shall not have the effect of waiving requirements specifically provided for in this code.

104.1.1 Enforcement: For purposes of the referenced sections, the designated enforcement agency shall be considered to be the "fire official" when used in that section.

Chapter 3...The Division of Building & Inspection Fire Safety Unit.

Chapter 4 (except Section 407)...The Division of Building & Inspection Fire Safety Unit.

Section 407...The Saint Louis Fire Department.

Chapter 5...The Saint Louis Fire Department.

Chapter 6...The Division of Building & Inspection Mechanical Section.

Chapter 7...The Division of Building & Inspection Plan Exam Section.

Chapter 8...The Division of Building & Inspection Plan Exam Section.

Chapter 9...The Division of Building & Inspection Plan Exam Section.

Chapter 10...The Division of Building & Inspection Plan Exam Section.

Chapter 11...The Saint Louis Fire Department.

Chapter 12...The Division of Building & Inspection Fire Safety Unit.

Chapter 13...The Saint Louis Fire Department.

Chapter 14...The Division of Building & Inspection Fire Safety Unit.

Chapter 15...The Division of Building & Inspection Mechanical Section.

Chapter 16...The Saint Louis Fire Department.

Chapter 17...The Saint Louis Fire Department .

Chapter 18...The Saint Louis Fire Department.

Chapter 19...The Division of Building & Inspection Fire Safety Unit.

Chapter 20...The Saint Louis Fire Department.

Chapter 21...The Saint Louis Fire Department

Chapter 22...The Division of Building & Inspection Fire Safety Unit.

Chapter 23...The Division of Building & Inspection Fire Safety Unit.

Chapter 24...The Division of Building & Inspection Fire Safety Unit.

October 4, 2013

Page 6 OF 54

Board Bill # 193 Sponsor: Alderwoman Young

Chapter 25...The Saint Louis Fire Department
Chapter 26...The Saint Louis Fire Department.
Chapter 27...The Saint Louis Fire Department.
Chapter 28...The Saint Louis Fire Department.
Chapter 29...The Saint Louis Fire Department.
Chapter 30...The Saint Louis Fire Department.
Chapter 31...The Saint Louis Fire Department.
Chapter 32...The Saint Louis Fire Department.
Chapter 33...The Saint Louis Fire Department.
Chapter 34...The Saint Louis Fire Department.
Chapter 35...The Saint Louis Fire Department.
Chapter 36...The Saint Louis Fire Department.
Chapter 37...The Saint Louis Fire Department.
Chapter 38...The Saint Louis Fire Department.
Chapter 39...The Saint Louis Fire Department.
Chapter 40...The Saint Louis Fire Department.
Chapter 41...The Saint Louis Fire Department.
Chapter 42...The Saint Louis Fire Department.
Chapter 43...The Saint Louis Fire Department.
Chapter 44...The Saint Louis Fire Department.
Chapter 45...The Division of Building & Inspection Fire Safety Unit.
Chapter 46...DELETED- See International Existing Building Code.

104.2 Applications and permits. The fire official is authorized to receive applications, review construction documents and issue permits for construction regulated by this code, issue permits for operations regulated by this code, inspect the premises for which such permits have been issued and enforce compliance with the provisions of this code.

104.3 Right of entry. Whenever it is necessary to make an inspection to enforce the provisions of this code, or whenever the fire official has reasonable cause to believe that there exists in a building or upon any premises any condition or violation of this code which makes the building or premises unsafe, dangerous or hazardous, the fire official shall have the authority to enter the building or premises at all reasonable times to inspect or to perform the duties imposed upon the fire official by this code. If such building or premises is occupied, the fire official shall present credentials to the occupant and request entry. If such structure or premises is unoccupied, the code official shall first make a reasonable effort to locate the owner or other person having charge or control of the building or premises and request entry. If entry is refused, the building official has recourse to every remedy provided by law to secure entry.

104.3.1 Warrant. When the fire official has first obtained a proper inspection warrant or other remedy provided by law to secure entry, an owner or occupant or person having charge, care or control of the building or premises shall not fail or neglect, after proper request is made as herein provided, to permit entry therein by the fire official for the purpose of inspection and

October 4, 2013

Page 7 OF 54

Board Bill # 193 Sponsor: Alderwoman Young

examination pursuant to this code.

104.4 Identification. The fire official shall carry proper identification when inspecting buildings, structures or premises in the performance of duties under this code.

104.5 Notices and orders. The fire official shall issue such notices or orders as are required to affect compliance with this code.

104.6 Official records: The fire official shall keep official records as required by Sections 104.6.1 through 104.6.4. Such official records shall be retained for not less than three (3) years, unless otherwise provided by other regulations.

104.6.1 Approvals. A record of approvals granted shall be maintained by the fire official and shall be available for public inspection during business hours in accordance with applicable laws.

104.6.2 Inspections. The fire official shall keep a record of each inspection made, including notices and orders issued, showing the findings and dispositions of each.

104.6.3 Fire records. The City of Saint Louis Fire Department shall keep a record of fires occurring within the City of Saint Louis and of facts concerning the same, including statistics as to the extent of such fires and the damage caused thereby, together with other information as required by the fire official.

104.6.4 Administrative. Application for modification, alternative methods of materials and the final decision of the fire official shall be in writing and shall be officially recorded in the permanent records of the fire official.

104.7 Approved materials and equipment. Materials, equipment and devices approved by the fire official shall be constructed and installed in accordance with such approval.

104.7.1 Used materials and equipment. The use of used materials which meet the requirements of this code for new materials is permitted. Used equipment and devices shall not be reused unless they have been reconditioned, tested and placed in good and proper working condition and approved by the building official.

104.7.2 Technical assistance. To determine the acceptability of technologies, processes, products, facilities, materials and uses attending the design, operation or use of a building or premises subject to inspection by the fire official, the fire official is authorized to require the owner or agent to provide, without charge to the City of Saint Louis, a technical opinion and report. The opinion and report shall be prepared by a qualified engineer, specialist, laboratory or a fire safety specialty organization acceptable to the code official and shall analyze the fire safety properties of the design, operation or use of the building or premises and the facilities and appurtenances situated thereon, to recommend necessary changes. The fire official is authorized

to require design submittal to be prepared by, and bear the seal, signature and date of a licensed design professional.

104.8 Modifications. Wherever there are practical difficulties involved in carrying out provisions of this code, the fire official shall have the authority to grant modifications for individual cases, upon application of the owner or owner's representative, provided the fire official shall first find that special individual reason makes the strict letter of this code impractical and the modification is in compliance with the intent and purpose of this code and that such modification does not lessen health, accessibility, life and fire safety, or structural requirements. The details of action granting modifications shall be recorded and entered in the files of the Division of Building and Inspection.

104.9 Alternative methods and materials. The provisions of this code are not intended to prevent the installation of any material or prohibit any method of construction not specifically prescribed by this code, provided that any such alternative has been approved. The fire official is authorized to approve an alternative material or method of construction where the fire official finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, at least the equivalent of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety.

104.9.1 Research reports. Supporting data, when necessary to assist in the approval of materials or assemblies not specifically provided for in this code, shall consist of valid research reports from approved sources.

104.9.2 Tests. Whenever there is insufficient evidence of compliance with the provisions of this code, or evidence that a material or method does not conform to the requirements of this code, or in order to substantiate claims for alternative materials or methods, the fire official shall have the authority to require tests as evidence of compliance to be made at no expense to the jurisdiction. Test methods shall be as specified in this code or by other recognized test standards. In the absence of recognized and accepted test methods, the fire official shall approve the testing procedures. Tests shall be performed by an approved agency. Reports of such tests shall be retained by the fire official for the period required for retention of public records.

104.10 Fire investigation. The fire official, the fire department or other responsible authority shall have the authority to investigate the cause, origin and circumstances of any fire, explosion or other hazardous condition. Information that could be related to trade secrets or processes shall not be made part of the public record except as directed by a court of law.

104.10.1 Assistance from other agencies. Police and other enforcement agencies shall have the authority to render necessary assistance in the investigation of fires when requested to do so.

104.11 Authority at fires and other emergencies. The fire chief or officer of the fire department in charge at the scene of a fire or other emergency involving the protection of life or property or any part thereof, shall have the authority to direct such operation as necessary to extinguish or control

any fire, perform any rescue operation, investigate the existence of suspected or reported fires, gas leaks or other hazardous conditions or situations, or take any action necessary in the reasonable performance of duty. In the existence of such power, the fire chief is authorized to prohibit any person, vehicle, vessel or thing from approaching the scene and is authorized to remove, or cause to be removed or kept away from the scene, any vehicle, vessel or thing that could impede or interfere with the operations of the fire department and, in the judgement of the fire chief, any person not actually and usefully employed in the extinguishing of such fire or in the preservation of property in the vicinity thereof.

104.11.1 Barricades. The fire chief or officer of the fire department in charge at the scene of an emergency is authorized to place ropes, guards, barricades or other obstructions across any street, alley, place or private property in the vicinity of such operation so as to prevent accidents or interference with the lawful efforts of the fire department to manage and control the situation and to handle fire apparatus.

104.11.2 Obstructing operations. No person shall obstruct the operations of the fire department in connection with extinguishment or control of any fire, or actions relative to other emergencies, or disobey any lawful command of the fire chief or officer of the fire department in charge of the emergency, or any part thereof, or any lawful officer of a police officer assisting the fire department.

104.11.3 Systems and devices. No person shall render a system or device inoperative during an emergency unless by direction of the fire chief or fire department official in charge of the incident.

SECTION 105 PERMITS

105.1 General. Permits shall be in accordance with Section 105.1 through 105.7.4

105.1.1 Permits required. Permits required by this code shall be obtained from the fire official. Permit fees shall be paid prior to issuance of the permit. Issued permits shall be kept on the premises designated therein at all times and shall be readily available for inspection by the fire official.

105.1.2 Types of permits. There shall be two (2) types of permits as follows:

1. Operational permit. An operational permit allows the applicant to conduct an operation or a business for which a permit is required by Section 105.6 for either:
 - 1.1 A prescribed period.
 - 1.2 Until renewed or revoked.
2. Building permit. A building permit allows the applicant to install or modify systems and equipment for which a permit is required by Section 105.7.

105.1.3 Permits for the same location. When more than one (1) permit is required for the same location, the fire official is authorized to consolidate such permits into a single permit provided that such provision is listed in the permit.

105.2 By whom application is made. Application for a permit shall be made by the owner or lessee of the building or structure, or agent of either, or by the Missouri licensed design professional employed in connection with the proposed work. The full names, addresses and telephone number of the owner, lessee, and applicant shall be stated in the application. Every application should have a local contact person listed.

105.2.1 Application for permit. To obtain a permit, the applicant shall first file an application on a form furnished by the Division of Building and Inspection for that purpose. Such application shall:

1. Identify and describe the work to be covered by the permit for which the application is made.
2. Indicate the use and occupancy for which the proposed work is intended.
3. Be accompanied by construction documents and other information.
4. State the valuation of the proposed work.
5. Be signed by the applicant, or the applicant's authorized agent.
6. Give such other data and information as required by the fire official.

105.2.2 Action on application. The fire official shall examine or cause to be examined applications for permits and amendments thereto. If the application or the construction documents do not conform to the requirements of all pertinent laws, the fire official shall reject such application in writing, stating the reasons therefore. If the fire official is satisfied that the proposed work conforms to the requirements of this code and all City of Saint Louis laws and ordinances applicable thereto, the fire official shall issue a permit. The fire official shall rely upon other City agencies to review for compliance with their ordinance requirements.

105.2.3 Time limitation of application. An application for a permit for any proposed work shall be deemed to have been abandoned six (6) months after date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding ninety (90) days each if the building official deems that there is reasonable cause and if a written request is received from the applicant for the extension prior to the expiration date.

105.2.4 Time limitation on approval. An application for a permit for any proposed work shall have been deemed to have been abandoned three (3) months after the approval date of the building official. A notice of abandonment shall be sent to the applicant of record two (2) weeks prior to the abandonment date. Should the permit still not have been issued after these two (2) weeks, the permit application shall be abandoned.

Applicants who have a record of abandoned permit applications shall be required on all future permits to pay the application fee and a the full permit fee upon application until such

time as the abandoned permits have been reapplied for, approved, permit fees and possible surcharges paid.

105.2.5 Inspection authorized. Before a new operational permit is approved, the fire official is authorized to inspect the receptacles, vehicles, buildings, devices, premises, storage spaces or areas to be used to determine compliance with this code or any operational constraints required.

105.3 Conditions of permit. A permit shall constitute permission to maintain, store or handle materials; or to conduct processes which produce conditions hazardous to life or property; or to install equipment utilized in connection with such activities; or to install or modify any fire protection system or equipment or any other construction, equipment installation or modification in accordance with the provisions of this code where a permit is required by Section 105.6. or 105.7. Such permission shall not be construed as authority to violate, cancel or set aside any of the provisions of this code or other applicable regulations or laws of the City of Saint Louis.

105.3.1 Expiration. All permits shall be issued in the name of the property owner of record for a period of six (6) months unless noted otherwise. Permits shall be permitted to be extended for additional six (6) month periods if work is progressing and a written request from the owner for the extension is received by the building official prior to the expiration of each permit. Any permit issued shall become invalid if the authorized work is not commenced within six (6) months after issuance of the permit, or if the authorized work is suspended or abandoned for a period of six (6) months after the time of commencing the work; except that the building official shall be permitted to grant one (1) or more extensions of time for additional periods not exceeding six (6) months each if the building official deems that there is reasonable cause, and if a written request is received from the owner for the extension prior to the expiration date. No permit shall be extended if, after six (6) months from issuance of said permit, no work has begun and the Board of Aldermen has passed an ordinance that would make all or part of the work thereon illegal or unlawful.

Permits shall also be abandoned upon written request from the property owner of record, or if circumstances require, the Missouri licensed design professional.

105.3.2 Temporary or partial occupancy permits. Upon the request of an owner or an owner's representative, a temporary or partial occupancy permit shall be permitted to be issued for a building, structure or premises, provided that no conditions exist which endanger life, public safety or welfare. Temporary or partial occupancy permits shall be permitted to be subject to conditions.

105.3.3 Placement of permit. A true copy of the building permit shall be kept on the site of operations, open to inspection during the entire time of prosecution of the work and until the completion of the same.

105.3.4 Responsibility. It shall be the duty of every person who performs work for the installation or repair of building, structure, electrical, gas, mechanical or plumbing systems, for

which this code is applicable, to comply with this code.

105.3.5 Notice of start. At least twenty-four (24) hours notice of start of work under a building permit shall be given to the building official.

105.3.6 Compliance with permit. All work shall conform to the approved application and the approved construction documents for which the permit has been issued and any approved amendments to the approved application or the approved construction documents. Any addition to or alteration of approved construction documents shall be approved in advance by the code official, as evidenced by the issuance of a new or amended permit.

105.4 Construction documents. Construction documents shall be in accordance with this section.

105.4.1 Construction Documents. The application for the permit shall be accompanied by at least five (5) complete sets of construction drawings, one (1) set of project specifications, with sufficient clarity and detailed dimensions to show the nature and character of the work to be performed. The minimum size of any sheet shall be 8½" x 11" and the maximum size of any sheet shall be 36" x 48". When quality of materials is essential for conformity to this code, specific information shall be given to establish such quality and this code shall not be cited, or the term "legal" or its equivalent be used as a substitute for specific information. Construction documents containing the words "not for construction", "preliminary", "review set", or their equivalent, shall not be accepted for application. Construction documents marked with contractors "take-off" notations shall not be accepted for application.

All construction documents submitted with an application for a building permit shall be prepared by a Missouri licensed design professional as required by Chapter 327 of the Revised Statutes of the State of Missouri. All construction documents shall bear an original embossed or wet ink seal, original ink signature and the date the documents were sealed by the Missouri licensed design professional for each discipline on the first sheet of each discipline within each set of construction documents, or on the cover sheet of each set of construction documents.

In addition, all other sheets of the construction documents, other than project specifications or calculations, shall bear the original embossed, wet ink, electronic or mechanically reproduced seal, signature and date of the Missouri licensed design professional. Any addenda or modifications submitted for changes to the construction documents shall also bear the original embossed or wet ink seal, original ink signature and date the documents were sealed.

All project specification, or other documents not considered to be construction drawings shall bear an original wet ink or embossed seal, original ink signature and the date the documents were signed by the Missouri licensed design professional for each discipline on the title or index sheet.

Exception: The building/fire official is authorized to waive the submission of construction documents and other data not required to be prepared by a licensed design professional if it is found that the nature of the work applied for is such that review of construction documents is not necessary to obtain compliance with this code.

105.4.1.1 Examination of documents. The building/fire official shall examine or cause to be examined the construction documents for code compliance.

105.4.2 Information on construction documents. Construction documents shall be drawn and dimensioned upon suitable material. Construction documents shall be of sufficient clarity to indicate the location, nature and extent of the work proposed and show in detail that it will conform to the provisions of this code and relevant laws, ordinances, rules and regulations, as determined by the building/fire official.

105.4.2.1 Fire protection system shop drawings. Shop drawings for the fire protection system(s) shall be submitted to indicate compliance with this code and the construction documents and shall be approved prior to the start of installation. Shop drawings shall contain all information as required by the referenced installation standards in Chapter 9

105.4.3 Applicant responsibility. It shall be the responsibility of the applicant to ensure that the construction documents are approved with the intent that such construction documents comply in all respects with this code. Review and approval by the fire official shall not relieve the applicant of the responsibility of compliance with this code.

105.4.4 Approved documents. Construction documents approved by the fire official are approved with the intent that such construction documents comply in all respects with this code. Review and approval by the fire official shall not relieve the applicant of the responsibility of compliance with this code.

105.4.4.1 Phased approval. The fire official is authorized to issue a permit for the construction of part of a structure, system or operation before the construction documents for the whole structure, system or operation have been submitted, provided that adequate information and detailed statements have been filed complying with pertinent requirements of this code. The holder of such permit for parts of a structure, system or operation shall proceed at the holder's own risk with the building operation and without assurance that a permit for the entire structure, system or operation will be granted.

105.4.5 Corrected documents. Where field conditions necessitate any substantial change from the approved construction documents, the fire official shall have the authority to require the corrected construction documents to be submitted for approval.

105.4.6 Retention of construction documents. One (1) set of the construction documents shall be retained by the fire official until final approval of the work covered therein. One (1) set of approved construction documents shall be returned to the applicant, and said set shall be kept on the site of the building or work at all times during which the work authorized thereby is in progress.

105.5 Revocation. The fire official is authorized to revoke a permit or approval issued under the

provisions of this code when it is found by inspection or otherwise that there has been a false statements or misrepresentations as to material fact in the application, data or construction documents on which the permit or approval was based including, but not limited to, any one of the following:

1. The permit is issued for a location or establishment other than for which it was issued.
2. The permit is used for a condition or activity other than that listed in the permit.
3. Conditions and limitations set forth in the permit have been violated.
4. There have been any false statements or misrepresentations as to the material fact in the application for permit or plans submitted or a condition of the permit.
5. The permit is used by a different person or firm than the name for which it was issued.
6. The permittee failed, refused or neglected to comply with orders or notices duly served in accordance with the provisions of this code within the time provided therein.
7. The permit was issued in error or in violation of an ordinance, regulation or this code.
8. An owner is convicted by a court of competent jurisdiction twice within a twelve month period of being in violation of the same code provision on the same building, structure or premises.

105.5.1 Suspension or revocation. The fire official is authorized to suspend or revoke a permit issued under the provisions of this code whenever the permit is issued in error or on the basis of incorrect, inaccurate, or incomplete information, or in violation of any ordinance or regulation or any of the provisions of this code.

105.5.2 Revocation of permits. The fire official shall be permitted to revoke a permit or approval issued under the provisions of this code in case of any false statement or misrepresentation of fact in the application or on the construction documents on which the permit or approval was based. The fire official shall be permitted to revoke or suspend a permit upon discovery of substantial non-compliance with this code or any applicable city ordinance. Permits shall be revoked for non-payment of fees.

105.6 Required operational permits. The fire official is authorized to issue operational permits for the operations set forth in Sections 105.6.1 through 105.6.46.

105.6.1 Aerosol products. An operational permit is required to manufacture, store or handle an aggregate quantity of Level 2 or Level 3 aerosol products in excess of five hundred (500) pounds net weight. These permits shall be enforced by the City of Saint Louis Fire Department. See Chapter 28.

105.6.2 Amusement buildings. An operational permit is required to operate a special amusement building. As set forth in the Building Code, these permits shall be enforced by the Division of Building and Inspection, Fire Safety Unit.

105.6.3 Aviation facilities. An operational permit is required to use a Group H or Group S occupancy for aircraft servicing or repair and aircraft fuel-servicing vehicles. Additional permits

required by other sections of this code include, but are not limited to, hot work, hazardous materials and flammable or combustible finishes. These permits shall be enforced by the City of Saint Louis Fire Department. See Chapter 11.

105.6.4 Carnivals and fairs. An operational permit is required to conduct a carnival or fair. As set forth in the Building Code, these permits shall be enforced by the Division of Building and Inspection, Fire Safety Unit.

106.6.5 Cellulose nitrate film. An operational permit is required to store, handle or use cellulose nitrate film in a Group A occupancy. These permits shall be enforced by the Division of Building and Inspection, Fire Safety Unit. See Section 306.

105.6.6 Combustible dust-producing operations. An operational permit is required to operate a grain elevator, flour starch mill, feed mill, or a plant pulverizing aluminum, coal, cocoa, magnesium, spices or sugar, or other operations producing combustible dusts as defined in Chapter 2. These permits shall be enforced by the City of Saint Louis Fire Department. See Chapter 13.

105.6.7 Combustible fibers. An operational plant is required for the storage and handling of combustible fibers in quantities greater than one hundred (100) cubic feet. These permits shall be enforced by the Division of Building and Inspection, Fire Safety Unit. See Chapter 29.

105.6.8 Compressed gases. An operational permit is required for the storage, use or handling at normal temperatures and pressure (NTP) of compressed gases in excess of the amounts listed in Table 105.6.8. These permits shall be enforced by the City of Saint Louis Fire Department. See Chapter 30.

Exception: Vehicles equipped for and using compressed gas as a fuel for propelling the vehicle.

**TABLE 105.6.8
PERMIT AMOUNTS FOR COMPRESSED GASSES**

TYPE OF GAS	AMOUNT (cubic feet at NTP)
Corrosive	200
Flammable (except cryogenic fluids and liquified petroleum gases)	200
Highly toxic	Any Amount
Inert and simple asphyxiant	6,000
Oxidizing (including oxygen)	504
Pyrophoric	Any Amount
Toxic	Any Amount

For SI: 1 cubic foot = 0.02832 m³.

105.6.9 Covered mall buildings. An operational permit is required for:

1. The placement of retail fixtures and displays, concession equipment, displays of highly combustible goods and similar items in the mall.
2. The display of liquid- or gas-fired equipment in the mall.
3. The use of open-flame or flame-producing equipment in the mall.

As set forth in the Building Code, these permits shall be enforced by the Division of Building and Inspection, Fire Safety Unit.

105.6.10 Cryogenic fluids. An operational permit is required to produce, store, transport on site, use, handle or dispense cryogenic fluids in excess of the amounts listed in Table 105.6.10.

These permits shall be enforced by the City of Saint Louis Fire Department. See Chapter 32.

Exception: Permits are not required for vehicles equipped with and using cryogenic fluids as a fuel for propelling the vehicle or for refrigerating the lading.

**TABLE 105.6.10
PERMIT AMOUNTS FOR CRYOGENIC FLUIDS**

TYPE OF CRYOGENIC FLUID	INSIDE BUILDING (gallons)	OUTSIDE BUILDING (gallons)
Flammable	More than 1	60
Inert	60	500
Oxidizing (including oxygen)	10	50
Physical or health hazard not indicated above	Any Amount	Any Amount

For SI: 1 gallon = 3.785 L.

105.6.11 Cutting and welding. An operational permit is required to conduct cutting or welding operations. These permits shall be enforced by the City of Saint Louis Fire Department. See Chapter 26. Permit fees shall be as established in Table 113.1.

105.6.12 Dry cleaning plants. An operational permit is required to engage in the business of dry cleaning or to change to a more hazardous cleaning solvent used in existing dry cleaning equipment. These permits shall be enforced by the Division of Building and Inspection, Fire Safety Unit. See Chapter 12.

105.6.13 Exhibits and trade shows. An operational permit is required to operate exhibits and trade shows. These permits shall be enforced by the Division of Building and Inspection, Fire Safety Unit.

105.6.14 Explosives. An operational permit is required for the manufacture, storage, handling, sale or use of any quantity of explosive, explosive material, fireworks, or pyrotechnic special effects within the scope of Chapter 33. These permits shall be enforced by the City of Saint Louis Fire Department. Permit fees shall be as established in Table 113.1.

105.6.15 Fire hydrants and valves. An operational permit is required to use or operate fire hydrants or valves intended for fire suppression purposes which are installed on water systems and accessible to a fire apparatus access road that is open or generally used by the public. These permits shall be enforced by the City of Saint Louis Fire Department. See Section 507.

Exception: A permit is not required for authorized employees of the City of Saint Louis Water Department or the fire department to use or operate fire hydrants or valves.

105.6.16 Flammable and combustible liquids. An operational permit is required:

1. To use or operate a pipeline for the transportation within facilities of flammable or combustible liquids. This requirement shall not apply to off-site transportation in pipelines regulated by the Department of Transportation (DOTn) nor does it apply to piping systems.
2. To store, handle or use Class I liquids in excess of five (5) gallons in a building or in excess of ten(10) gallons outside of a building, except that a permit is not required for the following:
 - 2.1. The storage or use of Class I liquids in the fuel tank of a motor vehicle, aircraft, motorboat, mobile power plant or mobile heating plant, unless such storage, in the opinion of the code official, would cause an unsafe condition.
 - 2.2. The storage or use of paints, oils, varnishes or similar flammable mixtures when such liquids are stored for maintenance, painting or similar purposes for a period of not more than thirty (30) days.
3. To store, handle or use Class II or Class IIIA liquids in excess of twenty-five (25) gallons in a building or in excess of sixty (60) gallons outside a building, except for fuel oil used in connection with oil-burning equipment.
4. To store, handle or use Class IIIB liquids in tanks or portable tanks for fueling motor vehicles at motor fuel-dispensing facilities or where connected to fuel-burning equipment.

- Exception:** Fuel oil and used motor oil used for space heating or water heating.
5. To remove Class I or Class II liquids from an underground storage tank used for fueling motor vehicles by any means other than the approved, stationary on-site pumps normally used for dispensing purposes.
 6. To operate tank vehicles, equipment, tanks, plants, terminals, wells, fuel-dispensing stations, refineries, distilleries and similar facilities where flammable and combustible liquids are produced, processed, transported, stored, dispensed or used.
 7. To place temporarily out of service (for more than ninety (90) days) an underground, protected above-ground or above-ground flammable or combustible liquid tank.
 8. To change the type of contents stored in a flammable or combustible liquid tank to a

material which poses a greater hazard than that for which the tank was designed and constructed.

9. To manufacture, possess, blend or refine flammable or combustible liquids.
10. To engage in the dispensing of liquid fuels into the fuel tanks of motor vehicles at commercial, industrial, governmental or manufacturing establishments.
11. To utilize a site for the dispensing of liquid fuels from tank vehicles into the fuel tanks of motor vehicles, marine craft and other special equipment at commercial, industrial, governmental or manufacturing establishments.

These permits shall be enforced by the City of Saint Louis Fire Department. See Chapter 34. Permit fees shall be as established in Table 113.1.

105.6.17 Floor finishing. An operational permit is required for floor finishing or surfacing operations exceeding three hundred fifty (350) square feet using Class I or Class II liquids. These permits shall be enforced by the Division of Building and Inspection, Fire Safety Unit.

105.6.18 Fruit and crop ripening. An operational permit is required to operate a fruit-, or crop-ripening facility or conduct a fruit-ripening process using ethylene gas. These permits shall be enforced by the City of Saint Louis Health Department. See Chapter 16.

105.6.19 Fumigation and thermal insecticide fogging. An operational permit is required to operate a business of fumigation or thermal insecticide fogging and to maintain a room, vault or chamber in which a toxic or flammable fumigant is used. These permits shall be enforced by the City of Saint Louis Health Department. See Chapter 17.

105.6.20 Hazardous materials. An operational permit is required to store, transport on site, dispense, use or handle hazardous materials in excess of the amounts listed in Table 105.6.20. These permits shall be enforced by the City of Saint Louis Fire Department. See Chapter 27.

**TABLE 105.6.20
PERMIT AMOUNTS FOR HAZARDOUS MATERIALS**

TYPE OF MATERIAL	AMOUNT
Combustible liquids	See Section 105.6.16
Corrosive materials Gases Liquids Solids	See Section 105.6.8 55 gallons 1000 pounds
Explosive materials	See Section 105.6.14
Flammable materials Gases Liquids Solids	See Section 105.6.8 See Section 105.6.16 100 pounds
Highly toxic materials	

Gases Liquids Solids	See Section 105.6.8 Any Amount Ant Amount
Oxidizing materials Gases Liquids Class 4 Class 3 Class 2 Class 1 Solids Class 4 Class 3 Class 2 Class 1	See Section 105.6.8 Any Amount 1 gallon ^a 10 gallons 55 gallons Any amount 10 pounds ^b 100 pounds 500 pounds
Organic peroxides Liquids Class I Class II Class III Class IV Class V Solids Class I Class II Class III Class IV Class V	 Any Amount Any Amount 1 gallon 2 gallons No permit required Any Amount Any Amount 10 pounds 20 pounds No permit required
Pyrophoric materials Gases Liquids Solids	 Any Amount Any Amount Any Amount
Toxic materials Gases Liquids Solids	See Section 105.6.8 10 gallons 100 pounds
Unstable (reactive) materials Liquids Class 4 Class 3 Class 2 Class 1 Solids Class 4 Class 3 Class 2 Class 1	 Any Amount Any Amount 5 gallons 10 gallons Any Amount Any Amount 50 pounds 100 pounds
Water-reactive Materials Liquids Class 3 Class 2 Class 1	 Any Amount 5 gallons 55 gallons

October 4, 2013

Page 20 OF 54

Board Bill # 193

Sponsor: Alderwoman Young

Solids	
Class 3	Any Amount
Class 2	50 pounds
Class 1	500 pounds

For SI: 1 gallon = 3.785 L, 1 pound = 0.454 kg.

a. 20 gallons when Table 2703.1.1(1) Note k applies and hazard identification signs in accordance with Section 2703.5 are provided for quantities of 20 gallons or less.

b. 200 pounds when Table 2703.1.1(1) Note k applies and hazard identification signs in accordance with Section 2703.5 are provided for quantities of 200 pounds or less.

105.6.21 HPM facilities. An operational permit is required to store, handle or use hazardous production materials. These permits shall be enforced by the City of Saint Louis Fire Department. See Chapter 18.

105.6.22 High-piled storage. An operational permit is required to use a building or portion thereof as a high-piled storage area exceeding five hundred (500) square feet. These permits shall be enforced by the Division of Building and Inspection, Fire Safety Unit. See Chapter 23.

105.6.23 Hot work operations. An operational permit is required for hot work including, but not limited to:

1. Public exhibitions and demonstrations where hot work is conducted.
2. Use of portable hot work equipment within a structure.

Exception: Work that is conducted under a construction permit.

3. Fixed-site hot work equipment such as welding booths.
4. Hot work conducted within a wildfire risk area.
5. Application of roof coverings with the use of an open-flame device.
6. When approved, the code official shall issue a permit to carry out a hot work program. This program allows approved personnel to regulate their facility's hot work operation. The approved personnel shall be trained in the fire safety aspects denoted in this chapter and shall be responsible for issuing permits requiring compliance with the requirements found in Chapter 26. These permits shall be issued only to their employees or hot work operations under their supervision.

These permits shall be enforced by the City of Saint Louis Fire Department.

105.6.24 Industrial ovens. An operational permit is required for operation of industrial ovens regulated by Chapter 21. These permits shall be enforced by the City of Saint Louis Health Department.

105.6.25 Lumber yards and woodworking plants. An operational permit is required for the storage or processing of lumber exceeding one hundred thousand (100,000) board feet. These permits shall be enforced by the Division of Building and Inspection, Fire Safety Unit. See Chapter 19.

105.6.26 Liquid- or gas-fueled vehicles or equipment in assembly buildings. An operational permit is required to display, operate or demonstrate liquid- or gas-fueled vehicles or equipment

in assembly buildings. These permits shall be enforced by the Division of Building and Inspection, Fire Safety Unit. See Chapter 24.

105.6.27 LP-gas. An operational permit is required for:

1. Storage and use of LP-gas.

Exception: A permit is not required for individual containers with a 500-gallon (1893 L) water capacity or less serving occupancies in Group R-3.

2. Operation of cargo tankers that transport LP-gas.

These permits shall be enforced by the City of Saint Louis Fire Department. See Chapter 38. Permit fees shall be as established in Table 113.1.

105.6.28 Magnesium. An operational permit is required to melt, cast, heat treat or grind more than ten (10) pounds of magnesium. These permits shall be enforced by the City of Saint Louis Fire Department. See Chapter 36.

105.6.29 Miscellaneous combustible storage. An operational permit is required to store in any building or upon any premises in excess of two thousand five hundred (2,500) cubic feet gross volume of combustible empty packing cases, boxes, barrels or similar containers, rubber tires, rubber, cork or similar combustible materials. These permits shall be enforced by the Division of Building and Inspection, Fire Safety Unit. See Section 315.

105.6.30 Open burning. An operational permit is required for the kindling or maintaining of an open fire or a fire on any public street, alley, road, or other public or private ground. Instructions and stipulations of the permit shall be adhered to. These permits shall be enforced by the Division of Building and Inspection, Fire Safety Unit. See Section 307.

Exception: Recreational fires.

105.6.31 Open flames and torches. An operational permit is required to remove paint with a torch; or to use a torch or open-flame device in a wildfire risk area. These permits shall be enforced by the Division of Building and Inspection, Fire Safety Unit. See Section 308.

105.6.32 Open flames and candles. An operational permit is required to use open flames or candles in connection with assembly areas, dining areas of restaurants or drinking establishments. These permits shall be enforced by the Division of Building and Inspection, Fire Safety Unit. See section 308.

105.6.33 Organic coatings. An operational permit is required for any organic-coating manufacturing operation producing more than 1 gallon (4 L) of an organic coating in one day. These permits shall be enforced by the City of Saint Louis Fire Department. See Chapter 20. Permit fees shall be as established in Table 113.1.

105.6.34 Places of assembly. An operational permit is required to operate a place of assembly. These permits shall be enforced as set forth in the Building Code by the Division of Building and

Inspection, Fire Safety Unit.

105.6.35 Private fire hydrants. An operational permit is required for the removal from service, use or operation of private fire hydrants. These permits shall be enforced by the Division of Building and Inspection Plumbing Section.

Exception: A permit is not required for private industry with trained maintenance personnel, private fire brigade or fire department to maintain, test and use private hydrants.

105.6.36 Pyrotechnical special effects material. An operational permit is required for use and handling of pyrotechnic special effects material. These permits shall be enforced by the City of Saint Louis Fire Department. See Chapter 33.

105.6.37 Pyroxylin plastics. An operational permit is required for storage or handling of more than twenty-five (25) pounds of cellulose nitrate (pyroxylin) plastics and for the assembly or manufacture of articles involving pyroxylin plastics. These permits shall be enforced by the City of Saint Louis Fire Department. See Chapter 42.

105.6.38 Refrigeration equipment. An operational permit is required to operate a mechanical refrigeration unit or system regulated by Chapter 6. These permits shall be enforced by the Division of Building and Inspection, Mechanical Inspection Section. See Chapter 6.

105.6.39 Repair garages and motor fuel-dispensing facilities. An operational permit is required for operation of repair garages and automotive, marine and fleet motor fuel-dispensing facilities. As set forth in the Building Code, these permits shall be enforced by the Division of Building and Inspection, Fire Safety Unit. See Chapter 22.

105.6.40 Rooftop heliports. An operational permit is required for the operation of a rooftop heliport. As set forth in the Building Code, these permits shall be enforced by the Division of Building and Inspection, Fire Safety Unit. See Chapter 11.

105.6.41 Spraying or dipping. An operational permit is required to conduct a spraying or dipping operation utilizing flammable or combustible liquids or the application of combustible powders regulated by Chapter 15. These permits shall be enforced by the Division of Building and Inspection, Mechanical Inspection Section.

105.6.42 Storage of scrap tires and tire byproducts. An operational permit is required to establish, conduct or maintain storage of scrap tires and tire byproducts that exceeds two thousand five hundred (2,500) cubic feet of total volume of scrap tires and for indoor storage of tires and tire byproducts. These permits shall be enforced by the City of Saint Louis Fire Department. See Chapter 25.

105.6.43 Temporary membrane structures, tents and canopies. An operational permit is required to operate an air-supported temporary membrane structure or a tent having an area in excess of one thousand (1,000) square feet. These permits shall be enforced by the Division of

Building and Inspection, Fire Safety Unit. See Chapter 24.

Exceptions:

1. Tents used exclusively for recreational camping purposes.
2. Tents open on all sides which comply with all of the following:
 - 2.1 Individual tents having a maximum size of one thousand (1,000) square feet.
 - 2.2 The aggregate area of multiple tents placed side by side without a fire break clearance of ten (10) feet shall not exceed one thousand (1,000) square feet total.
 - 2.3 A minimum clearance of ten (10) feet to structures and other tents shall be provided.

105.6.44 Tire-rebuilding plants. An operational permit is required for the operation and maintenance of a tire-rebuilding plant. These permits shall be enforced by the City of Saint Louis Fire Department and the City of Saint Louis Health Department. See Chapter 25.

105.6.45 Waste handling. An operational permit is required for the operation of wrecking yards, junk yards and waste material-handling facilities. These permits shall be enforced by the Division of Building and Inspection, Fire Safety Unit.

105.6.46 Wood products. An operational permit is required to store chips, hogged material, lumber or plywood in excess of two hundred (200) cubic feet. These permits shall be enforced by the Division of Building and Inspection, Fire Safety Unit. See Chapter 19.

105.7 Required building permits. The fire official is authorized to issue building permits for work as set forth in Sections 105.7.1 through 105.7.14.

105.7.1 Automatic fire-extinguishing systems. A construction permit is required for installation of or modification to an automatic fire-extinguishing system. Maintenance performed in accordance with this code is not considered a modification and does not require a permit. These permits shall be enforced by the Division of Building and Inspection, Plumbing Inspection Section.

105.7.2 Battery systems. A permit is required to install stationary storage battery systems having a liquid capacity of more than fifty (50) gallons. These permits shall be enforced by the Division of Building and Inspection, Electrical Inspection Section.

105.7.3 Compressed gases. When the compressed gases in use or storage exceed the amounts listed in Table 105.6.8, a construction permit is required to install, repair damage to, abandon, remove, place temporarily out of service, or close or substantially modify a compressed gas system. These permits shall be enforced by the City of Saint Louis Fire Department.

Exceptions:

1. Routine maintenance.
2. For emergency repair work performed on an emergency basis, application for permit

shall be made within two (2) working days of commencement of work.

105.7.4 Cryogenic fluids. A construction permit is required for installation of or alteration to outdoor stationary cryogenic fluid storage systems where the system capacity exceeds the amounts listed in Table 105.6.10. Maintenance performed in accordance with this code is not considered an alteration and does not require a construction permit. These permits shall be enforced by the City of Saint Louis Fire Department.

105.7.5 Fire alarm and detection systems and related equipment. A construction permit is required for installation or modification to fire alarm and detection systems and related equipment. Maintenance performed in accordance with this code is not considered a modification and does not require a permit. These permits shall be enforced by the Division of Building and Inspection, Electrical Inspection Section.

105.7.6 Fire pumps and related equipment. A construction permit is required for installation of or modification to fire pumps and related fuel tanks, jockey pumps, controllers, and generators. Maintenance performed in accordance with this code is not considered a modification and does not require a permit. These permits shall be enforced by the Division of Building and Inspection, Plumbing Inspection Section.

105.7.7 Flammable and combustible liquids. A construction permit is required:

1. To install, repair or modify a pipeline for the transportation of flammable or combustible liquids.
2. To install, construct or alter tank vehicles, equipment, tanks, plants, terminals, wells, fuel-dispensing stations, refineries, distilleries and similar facilities where flammable and combustible liquids are produced, processed, transported, stored, dispensed or used.
3. To install, alter, remove, abandon or otherwise dispose of a flammable or combustible liquid tank.

These permits shall be enforced by the City of Saint Louis Fire Department.

105.7.8 Hazardous materials. A construction permit is required to install, repair damage to, abandon, remove, place temporarily out of service, or close or substantially modify a storage facility or other area regulated by Chapter 27 when the hazardous materials in use or storage exceed the amounts listed in Table 105.6.20. These permits shall be enforced by the City of Saint Louis Fire Department.

Exceptions:

1. Routine maintenance.
2. For emergency repair work performed on an emergency basis, application for permit shall be made within two (2) working days of commencement of work.

105.7.9 Industrial ovens. A construction permit is required for installation of industrial ovens covered by Chapter 21.

Exceptions:

October 4, 2013

Page 25 OF 54

Board Bill # 193

Sponsor: Alderwoman Young

1. Routine maintenance.
2. For repair work performed on an emergency basis, application for permit shall be made within two working days of commencement of work.

These permits shall be enforced by the City of Saint Louis Health Department.

105.7.10 LP-gas. A construction permit is required for installation of or modification to an LP-gas system. These permits shall be enforced by the City of Saint Louis Fire Department.

105.7.11 Private fire hydrants. A construction permit is required for the installation or modification of private fire hydrants. These permits shall be enforced by the Division of Building and Inspection, Plumbing Inspection Section.

105.7.12 Spraying or dipping. A construction permit is required to install or modify a spray room, dip tank or booth. These permits shall be enforced by the Division of Building and Inspection, Mechanical Inspection Section.

105.7.13 Standpipe system. A construction permit is required for the installation, modification or removal from service of a standpipe system. Maintenance performed in accordance with this code is not considered a modification and does not require a permit. These permits shall be enforced by the Division of Building and Inspection, Plumbing Inspection Section.

105.7.12 Temporary membrane structures, tents and canopies. A construction permit is required to erect an air-supported temporary membrane structure or a tent having an area in excess of 1,000 square feet. These permits shall be enforced by the Division of Building and Inspection, Fire Safety Unit.

Exceptions:

1. Tents used exclusively for recreational camping purposes.
2. Funeral tents and curtains or extensions attached thereto, when used for funeral services.
3. Tents and awnings open on all sides which comply with all of the following:
 - 3.1. Individual tents shall have a maximum size of one thousand (1,000) square feet.
 - 3.2. The aggregate area of multiple tents placed side by side without a fire break clearance of ten (10) feet shall not exceed one thousand (1,000) square feet total.
 - 3.3. A minimum clearance of ten (10) feet to structures and other tents shall be maintained.

SECTION 106 INSPECTIONS

106.1 Inspection authority. Construction or work for which a permit is required shall be subject to

October 4, 2013

Page 26 OF 54

Board Bill # 193 Sponsor: Alderwoman Young

inspection by the building/fire official and such construction or work shall remain accessible and exposed for inspection purposes until approved. Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this code or of other ordinances of the City of Saint Louis. Inspections presuming to give authority to violate or cancel the provisions of this code or of other ordinances shall not be valid. It shall be the duty of the permit applicant to cause the work to remain accessible and exposed for inspection purposes. Neither the building/fire official nor the City of Saint Louis shall be liable for expenses entailed in the removal or replacement of any material required to allow inspection.

106.2 Inspections. The fire official is authorized to conduct such inspections as are deemed necessary to determine the extent of compliance with the provisions of this code and to approve reports of inspection by approved agencies or individuals. All reports of inspections shall be prepared and submitted in writing for review and approval. Inspection reports must be certified by a responsible officer of such approved agency or by the responsible individual. The fire official is authorized to engage such expert opinion as deemed necessary to report upon unusual, detailed or complex technical issues subject to the approval of the governing body.

106.2.1 Inspection requests. It shall be the duty of the holder of the permit or their duly authorized agent to notify the fire official when work is ready for inspection. It shall be the duty of the permit holder to provide access to and means for inspections of such work that are required by this code.

106.3 Authority to enter. The fire official shall have the authority to enter at any reasonable hour any building, structure or premises in the City of Saint Louis for which a permit has been issued but has not received a certificate of occupancy in accordance with Section 104.3 to enforce the provisions of this code or any other code or ordinance of the City of Saint Louis. No person shall accompany a building official onto a premises in the performance of their duty unless otherwise invited onto said premises by the owner or the owner's representative.

For all other structures or premises, when the building official has reasonable cause to believe that a code violation exists, the building official is authorized to enter the building, structure or premises at reasonable times to inspect subject to constitutional restrictions on unreasonable searches and seizures. If entry is refused or not obtained, the building official is authorized to pursue recourse as provided by law.

106.4 Concealed work. It shall be the duty of the permit applicant to cause the work to remain accessible and exposed for inspection purposes. Whenever any installation subject to inspection prior to use is covered or concealed without having first been inspected, the fire official shall have the authority to require that such work be exposed for inspection. Neither the fire official nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.

SECTION 107 MAINTENANCE

107.1 Maintenance of safeguards. Whenever or wherever any device, equipment, system, condition, arrangement, level of protection, or any other feature is required for compliance with the provisions of this code, or otherwise installed, such device, equipment, system, condition, arrangement, level of protection, or any other feature shall thereafter be continuously maintained in accordance with this code and applicable reference standards.

107.2 Testing and operation. Equipment requiring periodic testing or operation to ensure maintenance shall be tested or operated as specified in this code.

107.2.1 Testing and inspection records. Required test and inspection records shall be available to the fire official at all times or such records as the fire official designates shall be filed with the fire official.

107.2.2 Reinspection and testing. When any work or installation does not pass an initial test or inspection, the necessary corrections shall be made so as achieve compliance with this code. The work or installation shall then be resubmitted to the fire official for inspection and testing.

107.3 Supervision. Maintenance and testing shall be under the supervision of a responsible person who shall ensure that such maintenance and testing are conducted at specified intervals in accordance with this code.

107.4 Rendering equipment inoperable. Portable or fixed fire-extinguishing systems or devices and fire-warning systems shall not be rendered inoperative or inaccessible except as necessary during emergencies, maintenance, repairs, alterations, drills or prescribed testing.

107.5 Owner/occupant responsibility. Correction and abatement of violations of this code shall be the responsibility of the owner. If an occupant creates, or allows to be created, hazardous conditions in violation of this code, the occupant shall be held responsible for the abatement of such hazardous conditions.

107.6 Overcrowding. Overcrowding or admittance of any person beyond the approved capacity of a building or portion thereof shall not be allowed. The fire official, upon finding any overcrowding conditions or obstructions in aisles, passageways or other means of egress, or upon finding any condition which constitutes a life safety hazard, shall be authorized to cause the event to be stopped until such condition or obstruction is corrected.

SECTION 108 MEANS OF APPEAL

108.1 General. Any person aggrieved by a decision of the fire official may appeal said decision to the Board of Building Appeals.

October 4, 2013

Page 28 OF 54

Board Bill # 193 Sponsor: Alderwoman Young

108.2 Appeals to stay proceedings; exceptions. Appeals shall stay all proceedings in furtherance of the action appealed from, unless the building official or fire official whichever shall be the case, certifies to the Board of Building Appeals, after the notice of appeal has been filed, that by reason of the facts stated in the certificate, a stay would, in their opinion, cause imminent peril to life or property. Proceedings shall not be stayed other than by restraining order.

SECTION 109 VIOLATIONS

109.1 Unlawful acts. It shall be unlawful for a person, firm or corporation to erect, construct, alter, repair, remove, demolish or utilize a building, occupancy, premises or system regulated by this code, or cause same to be done, in conflict with or in violation of any of the provisions of this code or any decision or order of the Board of Building Appeals.

109.2 Notice of violation. Whenever the fire official finds a building, premises, vehicle, storage facility or outdoor area that is in violation of this code, the fire official is authorized to prepare a written notice of violation describing the condition deemed unsafe and, when compliance is not immediate, specifying a time for reinspection.

109.2.1 Service. The fire official is authorized to serve a notice of violation or order on the owner, as shown in the records of the City of Saint Louis Assessor's Office, or person responsible for the erection, construction, alteration, extension, repair, moving, removal, demolition, use or occupancy of a building, structure or premises in violation of the provisions of this code, or in violation of a detail statement or construction documents approved thereunder, or in violation of a permit or certificate issued under the provisions of this code. Such order shall direct the discontinuance of the illegal action or condition and the abatement of the violation. Such notice shall be permitted to be served by the United States mail. Posting of the premises shall also constitute notice. It shall be a violation of this code for any person to remove any such notice, lawfully posted pursuant to this code, unless otherwise ordered by the fire official.

109.2.2 Compliance with orders and notices. A notice of violation issued or served as provided by this code shall be complied with by the owner, operator, occupant or other person responsible for the condition or violation to which the notice of violation pertains.

109.2.3 Prosecution of violation. If the notice of violation is not complied with promptly, the fire official is authorized to request the legal counsel of the City of Saint Louis to institute the appropriate proceeding at law or in equity to restrain, correct or abate such violation, or to require the removal or termination of the unlawful occupancy of the building, structure or premises in violation of the provisions of this code or of the order or direction made pursuant thereto.

109.3 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 fire official, or of a permit or certificate issued under the provisions of this code, shall be subject to penalties as prescribed in Section Four.

109.4 Abatement of violation. The imposition of penalties as set forth in Section Four shall not preclude the legal officer of the City of Saint Louis from instituting appropriate action to prevent unlawful construction or to restrain, correct or abate a violation, or to prevent illegal occupancy of a building, structure or premises, or to stop an illegal act, conduct business or use of a building or structure on or about any premises.

SECTION 110 UNSAFE BUILDINGS

110.1 General. If during the inspection of a premises, a building or structure or any building system, in whole or in part, constitutes a clear and inimical threat to human life, safety or health, the fire official shall issue such notice or orders to remove or remedy the conditions as shall be deemed necessary in accordance with this section and shall refer the building to the Division of Building and Inspection for any repairs, alterations, remodeling, removing or demolition required.

110.1.1 Unsafe conditions. Structures or existing equipment that are or hereafter become unsafe or deficient because of inadequate means of egress or which constitute a fire hazard, or are otherwise dangerous to human life or the public welfare, or which involve illegal or improper occupancy or inadequate maintenance, shall be deemed an unsafe condition. A vacant structure which is not secured against unauthorized entry as required by Section 311 shall be deemed unsafe.

110.1.2 Structural hazards. When an apparent structural hazard is caused by the faulty installation, operation or malfunction of any of the items or devices governed by this code, the fire official shall immediately notify the building official in accordance with Section 110.1.

110.2 Evacuation. The fire official or the fire department official in charge of an incident shall be authorized to order the immediate evacuation of any occupied building deemed unsafe when such building has hazardous conditions that present imminent danger to building occupants. Persons so notified shall immediately leave the structure or premises and shall not enter or re-enter until authorized to do so by the fire official or the fire department official in charge of the incident.

110.3 Summary abatement. Where conditions exist that are deemed hazardous to life and property, the code official or fire department official in charge of the incident is authorized to abate summarily such hazardous conditions that are in violation of this code.

110.4 Abatement. The owner, operator, or occupant of a building or premises deemed unsafe by the fire official shall abate or cause to be abated or corrected such unsafe conditions either by repair, rehabilitation, demolition, or other approved corrective action.

SECTION 111 STOP WORK ORDER

111.1 Order. Whenever the fire official finds any work regulated by this code being performed in a manner contrary to the provisions of this code or in a dangerous or unsafe manner, the fire official is authorized to issue a stop work order.

111.2 Issuance. The stop work order shall be in writing and shall be given to the owner of the property involved, or to the owner's agent, or to the person doing the work. Upon issuance of a stop work order, the cited work shall immediately cease. The stop work order shall state the reason for the order, and the conditions under which the cited work will be permitted to resume.

111.3 Emergencies. When an emergency exists, the fire official shall not be required to give a written notice prior to stopping the work.

111.4 Unlawful continuance. Any person who shall continue any work in or about the building, structure or premises after having been served with a stop work order, except such work as they are directed to perform to remove a violation or unsafe condition, shall, upon conviction thereof, be subject to the penalties as set forth in Section Four. Each day that a violation continues shall constitute a separate and distinct offense.

SECTION 112 SERVICE UTILITIES

112.1 Authority to disconnect service utilities. The fire official shall have the authority to authorize disconnection of utility service to the building, structure or system in order to safely execute emergency operations or to eliminate an immediate hazard. The fire official shall notify the serving utility and, whenever possible, the owner and occupant of the building, structure or service system of the decision to disconnect prior to taking such action if not notified prior to disconnection. The owner or occupant of the building, structure or service system shall be notified in writing as soon as practical thereafter.

SECTION 113 FEES

113.1 General. No permit, certificate or inspection report, as required by the provisions of this

October 4, 2013

Page 31 OF 54

Board Bill # 193 Sponsor: Alderwoman Young

code, shall be released or issued until the fees listed in this section have been paid to the City of Saint Louis, as collected by the fire official or designated representative; nor shall an amendment to a permit be released until the additional fees have been paid. In collecting said fees, the fire official is authorized to accept personal checks as payment; however, non-payment by said checking account shall be considered as a violation of this code and is cause for suspension or revocation of permits, certificates or reports issued or released for such personal check payment. If a permit is suspended or revoked for non-payment of a fee, or for insufficient funds, an additional twenty-five dollars (\$25) shall be collected to cover administrative costs.

113.1.1 Payment of fees: A permit shall not be issued until the designated fees listed in Table 113.1 have been paid. The payment of these fees shall not relieve the applicant or holder of any permit from the payment of other fees or from obtaining other required permits which may be prescribed by ordinance such as building permits, Board of Public Service permits, plumbing permits, fees for water and sewer connections, electrical permits, or fees for other inspections and privileges.

113.1.2 Application fee. An application fee is an administrative charge made for processing permit applications and shall be the fee as listed in Table 113.1.

Table 113.1
PERMIT FEES AND REQUIREMENTS^a

Section	Description	Permit Fee	Duration ^b
113.1.2	Application fee	\$25.00	
609.4.1	Installation or alteration of any commercial kitchen hood suppression system.	\$50.00	
3301.2	Explosives/blasting Storage, handling and use of blasting agents.	\$ 120.00	
3301.2	Fireworks (individual demonstration only.) To store (not to exceed 48 hours.) To discharge	\$50.00 \$50.00	
	To transport One vehicle Other vehicles	\$30.00 \$15.00	per event per event
3401.4	Flammable and combustible liquids - storage, handling, use, processing Storage Vaults	\$50.00 ^c	
3401.4	Flammable and combustible liquids - tanks and equipment (per tank) To abandon, install or remove	\$ 50.00	as required

Table 113.1
PERMIT FEES AND REQUIREMENTS^a

Section	Description	Permit Fee	Duration ^b
	To repair any tank piping or pumps	\$ 40.00	as required
	To clean	\$ 40.00	as required
3801.2	Liquefied petroleum gases Any quantity for exhibits, demonstrations, picnics, and carnivals (for duration of event or performance applied for.)	\$50.00	per event
	Bulk installation	\$50.00 ^c	per vessel
	Use on construction site	\$100.00	per heating season
2001.2	Organic coatings Use of more than one gallon per day	\$50.00 ^c	
2601.2	Welding or cutting Individual site	\$40.00	each operation
	City wide	\$60.00	yearly

NOTE a. Notice to fire official and approval required prior to any event or occupancy.
b. All inspections are annual unless noted otherwise.
c. Initial Inspection only.

113.2 Final inspection and testing fees. Fees for the testing of underground storage tanks and piping and fire detection and extinguishing equipment as required by this code are listed in Table 113.2.

Table 113.2
FEES FOR WITNESSING TESTS

Item	Fee for permit	Detail requirements See section	Remarks
To witness tests to determine leaking tanks and piping in underground storage tanks.	\$100.00/tank	2703 & 3404	Fee is based on time and equipment utilized in isolating leak and hazard.
To witness testing of fire pumps	\$ 200.00	918.3	Acceptance testing
To conduct test for fire fighting foam equipment	\$ 50.00	918.1.5	Acceptance testing
Final inspection of sprinkler or	\$ 200.00	918.1.1	Acceptance testing

October 4, 2013

Page 33 OF 54

Board Bill # 193 Sponsor: Alderwoman Young

Table 113.2
FEES FOR WITNESSING TESTS

Item	Fee for permit	Detail requirements See section	Remarks
standpipe installation		918.1.2	
Final inspection of fire alarm or fire detection system 1-10 devices 11-20 devices 21-30 devices 31-above (per increment of 10 devices)	\$ 40.00 \$ 60.00 \$ 80.00 \$ 20.00	918.1.4	Acceptance testing; Individual devices without annunciator panel.
Final inspection of fire alarm or fire detection systems	\$ 200.00	918.1.4	Acceptance testing; Systems with annunciator panel.

113.3 Certificate of fitness or competency: All fees for certificates of fitness, registration or competency as required by Section 915.4, 916.4, 3301.3, 3310.6 or 3409.6.3 of this code shall be as specified by Table 113.3

Table 113.3
FEES FOR CERTIFICATE OF FITNESS, REGISTRATION OR COMPETENCY

Item	Fee for certificate	Duration of certificate	Detail requirements See section	Remarks
Certificate of fitness to maintain sprinkler and standpipe	\$ 50.00	1 Year	916.4	
Certificate of Registration to sell, lease or service portable fire extinguishers	\$ 60.00	1 Year	915.4	See also Section 915.6
Certificate of Registration to install or service flammable liquid tanks	\$ 60.00	1 Year	3409.6.3	Underground storage systems, underground tanks & underground piping & valves for gasoline or other flammable liquids
Certificate of competency to discharge fireworks	\$ 50.00	1 Year	3310.6	
Certificate of registration (Fireworks)	\$ 60.00	1 Year	3301.3	Firms engaged in the business of offering for sale supervised fireworks displays.

113.4 Fees for inspections required by other city agencies: Fees for inspections, made by the code official which are required by other City Agencies or Departments, shall be paid by the applicant in the amount shown in Table 113.4.

**Table 113.4
MISCELLANEOUS INSPECTION FEES**

Item	Fee for inspections
Hospitals, home for the aged, nursing homes ^a	\$200.00
Nursery school and children's homes, day care centers and similar uses ^a	\$200.00
Dance hall permits Initial Inspection ^b	\$ 200.00
Annual Inspection ^b	\$200.00

Notes: a. Inspections shall be performed by the Division of Building and Inspection, Inspection Section
b. Inspections shall be performed by the Division of Building and Inspection, Fire Safety Unit

113.5 Work started surcharge fees schedule. In case any work for which a fire permit is required by this code is substantially started or proceeded with prior to obtaining said permit, the total normal fees applicable shall be increased by the amount as listed in Table 113.4. The payment of said surcharge fee shall not relieve any persons from fully complying with the requirements of this code for performance or execution of the work, nor from other penalties prescribed by law.

**Table 113.5
SCHEDULE FOR SURCHARGE
BUILDING PERMIT FEES**

Building Permit fee	Surcharge fee
\$ 0 TO \$ 50	\$ 30.00
\$ 51 TO \$ 200	\$ 90.00
\$ 201 TO \$ 500	\$ 240.00
\$ 501 TO \$ 2,000	\$ 360.00
\$ 2,001 TO \$ 10,000	\$ 480.00
OVER \$ 10,000	\$ 600.00

113.6 Related fees. The payment of fees for the construction, alteration, removal or demolition for work done in connection with or concurrently with the work authorized by a building permit shall not relieve the applicant or holder of the permit from the payment of other fees that are prescribed by law.

113.7 Fees non-refundable. The fee for a permit based upon an estimated cost that is higher than later claimed by the applicant shall not be a basis for refund. When construction does not occur, or only partially occurs, fees collected are not refundable.

Change Section 201.4 to read as follows:

201.3 Terms defined in other codes. Where terms are not defined in this code and are defined in the International Building Code, International Fuel Gas Code, International Mechanical Code or Uniform Plumbing Code, such terms shall have the meanings ascribed to them as in those codes.

Modify SECTION 202 DEFINITIONS by the addition or changing of definitions to read as follows:

FIRE OFFICIAL or FIRE CODE OFFICIAL. The Division of Building and Inspection, Fire Safety Unit of the City of Saint Louis, or a duly authorized representative.

LICENSED DESIGN PROFESSIONAL. An individual who is licensed to practice their respective design profession as defined by Chapter 327 of the Revised Statutes of the State of Missouri.

LICENSED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. A licensed design professional engaged by the owner to review and coordinate certain aspects of the project, as determined by the building official, for compatibility with the design of the building or structure, including submittal documents prepared by others, deferred submittal documents and phased submittal documents.

REGISTERED DESIGN PROFESSIONAL - same as LICENSED DESIGN PROFESSIONAL.

REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE - same as LICENSED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE.

Add Sections 609.4, 609.4.1 and 609.5 to read as follows:

609.4 Permit required. A mechanical permit shall be obtained from the Division of Building and Inspection, Mechanical Inspection Section for the installation or alteration of a commercial kitchen hood system.

609.4.1 Permit required. A permit shall be obtained from the building official prior to the installation or alteration of any commercial kitchen exhaust system or hood suppression system. Permit fees shall be as established in Table 113.1.

609.5 System discharge. When a commercial kitchen exhaust suppression system discharges, the commercial cooking appliances shall not be operated until the suppression system has been recharged and placed back in service. When the system is recharged, it shall be tested and inspected in accordance with the appropriate section of Chapter 6.

Change Section 903.5 to read as follows:

903.3.5 Water supplies. Water supplies for automatic sprinkler systems shall comply with this section and the standards referenced in Section 903.3.1. The potable water supply shall be protected against backflow in accordance with the requirements of this section and the Uniform Plumbing Code.

Change Section 907.5.2 to read as follows:

907.9.5 Maintenance, inspection and testing. The building owner shall be responsible to maintain the fire and life safety systems in an operable condition at all times. Service personnel shall meet the qualification requirements of NAPA 72 for maintaining, inspecting and testing such systems. A written record shall be maintained and shall be forwarded to the fire official immediately upon completion of the tests and inspections.

Add Sections 907.9.6 and 907.9.7 to read as follows:

907.9.6 Central station supervision. All companies engaged in the business of offering sprinkler and fire detection system supervisory service shall, upon completion of inspection and test of sprinkler systems and fire detection systems under their contracts, forward to the fire official a written report of the results of such test and serviceability of such sprinkler systems and fire detection systems. Their reports shall contain but not be limited to the following information:

1. Name of company under contract
2. Address of company
3. Date of last inspection
4. Type of system
5. General service condition of system
6. In case of sprinkler systems, the number of supervised systems

907.9.7 Fees. A fee shall be assessed by the fire official to witness the acceptance test for sprinkler, standpipe, fire fighting foam and other special systems. Fees shall be paid in accordance with the fee schedule established in Table 113.2.

Change Section 912.5 to read as follows:

October 4, 2013

Page 37 OF 54

Board Bill # 193 Sponsor: Alderwoman Young

912.5 Backflow protection. The potable water supply to automatic sprinkler and standpipe systems shall be protected against backflow as required by the Uniform Plumbing Code.

Add Sections 915 thru 919 to read as follows:

**SECTION 915
SALE, LEASING, AND SERVICING OF PORTABLE
FIRE EXTINGUISHERS AND FIXED EXTINGUISHING SYSTEMS**

915.1 General. The purpose of this section is to regulate the sale, leasing, and servicing of portable fire extinguishers and fixed extinguishing systems in the interest of safeguarding lives and property.

Exception: The activity of filling or charging a portable fire extinguisher prior to its initial sale by its manufacturer shall not be subject to this section. In addition, the licensing and registration provisions of this section shall not apply to any firm which services only its own fire extinguishers for its own use by maintaining its own fire extinguisher service facilities adequate for the purpose and utilizing its own personnel specially trained for such servicing.

915.2 Certificate of registration for firms installing or servicing portable fire extinguishers or fixed extinguishing systems. Each firm engaged in the business of servicing portable fire extinguishers or fixed extinguishing systems shall be required to have a Certificate of Registration issued by the fire official.

915.3 Approval of portable fire extinguishers. No portable fire extinguisher shall be sold or leased in the City of Saint Louis unless it is approved, labeled or listed by a testing laboratory which is approved by the fire official as qualified to test portable fire extinguishers.

915.4 Fees. All fees prescribed herein shall be charged at the rate prescribed in Table 113.3.

915.5 Penalties. Whoever shall do any of the acts as set forth in 919.5.1 and 919.5.2 shall be held in violation of this code, and shall, upon conviction thereof, be penalized as set forth in Section Four.

915.5.1 Misrepresentation. Having obtained or attempted to obtain a Certificate of Registration by fraudulent misrepresentation.

915.5.2 Violation of regulations. Installed or repaired portable fire extinguishers or fixed extinguishing systems contrary to the provisions of this section or the rules and regulations formulated and administered under the authority of this section.

915.6 Application for certificate of registration. Any firm that desires to engage in the business of installing or servicing portable fire extinguishers or fixed extinguishing systems shall make a written verified application to the fire official on forms provided for a Certificate of Registration. The application must be signed by the sole proprietor, or each partner, or by an officer of the

October 4, 2013

Page 38 OF 54

Board Bill # 193 Sponsor: Alderwoman Young

corporation.

915.6.1 Liability. At the time of application for a Certificate of Registration to service portable fire extinguishers or fixed extinguishing systems, the applicant must furnish a certificate of insurance in an amount as determined by the fire official.

915.6.2 Issue. If the fire official finds after reviewing the applicant's record that the granting or renewing of a Certificate of Registration would not be contrary to public safety and welfare, the fire official shall issue or renew such Certificate of Registration authorizing the firm to engage in the business of installing and servicing portable fire extinguishers and fixed extinguishing systems, provided the requisite fee has been paid. The fire official shall give each Certificate of Registration an identifying number.

915.6.3 Renewal of certificate. Application for renewal of a Certificate of Registration shall be made annually in accordance with detailed procedures to be followed.

915.6.4 Revocation. After a hearing is conducted as hereinafter provided, the fire official may either refuse to issue or renew, or may suspend or revoke any Certificate of Registration for any of the following causes:

1. Violation - Any violation as listed in Section 915.5.
2. Misrepresentation - Having obtained or having attempted to obtain a Certificate of Registration by fraudulent misrepresentation.
3. Incompetency - Malpractice or incompetency in fire extinguisher sales or servicing.
4. False Advertising - Advertising fire extinguisher sale or servicing by means of knowingly false or deceptive statements.
5. Fee Not Paid - Failure to pay the original or annual renewal Certificate of Registration fee provided in these regulations.
6. Violation of Rules - Violation of any provision of this section as formulated and administered by the fire official or violation of any provision of these regulations.

915.6.5 Record. The fire official shall keep a list of the names, addresses and Certificate of Registration numbers issued to each firm under these regulations.

915.6.6 Public review. The record of all numbers of Certificates of Registration shall be available for review by any person desiring to review same.

915.7 Tagging of serviced portable fire extinguishers or fixed extinguishing systems required.

When an employee under the supervision of a licensee services a portable fire extinguisher or fixed extinguishing system, a tag shall be affixed that at least states:

1. The month and year the service was performed.
2. The type of extinguisher or system serviced.
3. The name and license number of the licensee and the name and permit number of the apprentice, if any.

October 4, 2013

Page 39 OF 54

Board Bill # 193 Sponsor: Alderwoman Young

4. The name and Certificate of Registration number of the servicing firm.

915.7.1 Information When a person exempt from the licensing provision of this section services a portable fire extinguisher, a tag shall be affixed that at least states:

1. The month and year when the service was performed.
2. The type of extinguisher serviced.
3. The name and address of the person performing the service and the name and address of their employer.
4. The address of the premises within which the portable fire extinguisher is customarily located.

SECTION 916 SPRINKLER, STANDPIPE AND FIRE PUMP MAINTENANCE

916.1 Scope. The purpose of this section is to establish a sprinkler and standpipe system maintenance control in the interest of safeguarding lives and property.

916.2 Application. The provisions of this section shall apply to existing sprinkler and standpipe systems installed in buildings prior to the enactment of this code and to all new sprinkler systems hereafter installed.

916.3 Sprinkler, standpipe and fire pump maintenance and inspection. All sprinkler, standpipe and fire pump systems shall be inspected annually by a Sprinkler Fitter Contractor licensed by the City of Saint Louis, or by a Missouri licensed Professional Engineer with experience in sprinkler and standpipe systems, and a report shall be filed with the Division of Building and Inspection, Fire Safety Unit.

916.4 Fees. The owner or occupant is required to pay fees to the fire official in the amounts set forth in Table 113.3 for certification of fitness. Fees must be paid prior to certification.

SECTION 917 FIRE PROTECTION EQUIPMENT

917.1 Scope. Fire extinguishing, fire detection, first-aid fire fighting systems and devices required by the International Building Code shall be maintained in accordance with the provisions of this section.

917.2 Existing occupancies. Upon adoption of this code, the fire official shall make, or cause to be made, a survey of each existing business and industrial establishment, mercantile, educational and institutional occupancy, place of assembly, hotel, multi-family dwelling, and trailer camp to determine such fire detecting devices or extinguishing appliances which are necessary in or near

October 4, 2013

Page 40 OF 54

Board Bill # 193 Sponsor: Alderwoman Young

boiler rooms; kitchens or restaurants, clubs or like establishments; storage rooms involving considerable combustible material; rooms in which hazardous manufacturing processes are involved; repair garages; and other places of a generally hazardous nature to provide for the safety of the public according to existing conditions and in accordance with the requirements of the International Building Code. Such devices or appliances may consist of automatic fire alarm systems, automatic sprinkler or water spray systems, standpipe and hose, fixed or portable fire extinguishers of a type suitable for the probable class of fire or suitable asbestos blankets, manual or automatic covers, or carbon dioxide or other special fire extinguishing systems. In special hazardous processes or storage, appliances of more than one type or special systems may be required.

917.3 Maintenance of equipment. Sprinkler systems, standpipe systems, fire, pumps, fire alarm systems, and other fire protective or extinguishing systems or appliances which have been installed in compliance with any permit or order, or because of any law or ordinance, shall be maintained in operative condition at all times, and it shall be unlawful for any owner or occupant to reduce the effectiveness of the protection so required; except that this shall not prohibit the owner or occupant from temporarily reducing or discontinuing the protection where necessary to make tests, repairs, alterations or additions. The fire official shall be notified before such tests, repairs, alterations or additions are started and upon its completion, and shall be advised of the extent of such work for additional requirements. See Section 916 and Section 917.4.2.

917.4 Suppression, detection and alarm nuisance. It shall be the owner or occupant's responsibility to maintain suppression, detection and alarm systems in such operating condition so as not to cause unnecessary alarms being transmitted to the Fire Department. Remedies to correct this situation shall be accomplished as expediently as possible. Those alarms deemed unnecessary shall be assessed a service charge of one hundred dollars (\$100.00) for each response.

917.4.1 Notification of sprinkler or fire alarm shut-off. Whenever a sprinkler or fire alarm system is to be shut-off for repairs, it shall be the owner or occupant's responsibility to determine that the service person performing such repairs has notified the Fire Department of the pending shut-off prior to shutting the system off. When a sprinkler system has central station supervision, the company providing this service shall also be notified of the shut-off. Failure to notify the Fire Department or the Central Station supervising company of sprinkler or fire alarm shut-off resulting in an unnecessary alarm being transmitted to the Fire Department will subject the owner or occupant to a service charge of one hundred dollars (\$100.00) for each alarm received.

917.4.2 Maintaining sprinkler systems in abandoned or unoccupied buildings. It shall be the owner's responsibility to insure that all automatic sprinkler systems in any building being temporarily vacated or permanently abandoned be maintained in an operable condition at all times. And it shall be unlawful to shut down or in any manner reduce or impair the effectiveness of any sprinkler system, unless prior approval is granted by the fire official or until at such time as the building is in the process of being demolished. Any conditions as set forth by the fire official governing the shut down of sprinkler systems shall be strictly adhered to. It shall be the

owner's responsibility to notify the fire official forty-eight (48) hours prior to vacating any building protected by an automatic sprinkler system. Any person, firm, agency or corporation violating any provision of this section or failing to comply with any written order issued by the fire official pertinent to maintaining sprinkler protection in abandoned or temporarily vacated buildings shall, upon conviction thereof, be penalized as set forth in Section Four.

917.5 Fees. The owner or occupant shall pay to the building official a fee for the witnessing of a fire pump test. Fees shall be paid according to the fees established in Table 113.2.

917.6 Periodic flow test. Fire pumps shall be subjected to a water flow test every two (2) years on or about the anniversary date of their last previous test. The test shall be conducted by a Sprinkler Fitter Contractor licensed by the City of Saint Louis, or by a Missouri licensed Professional Engineer. A report shall be filed with the Division of Building and Inspection, Fire Safety Unit.

SECTION 918 ACCEPTANCE INSPECTIONS

918.1 Scope. All sprinkler, standpipe, fire pumps, fire detection, fire alarm and foam system installations where required by the provisions of the International Building Code shall receive, upon completion, an acceptance inspection by the Division of Building and Inspection, Fire Safety Unit.

918.1.1 Sprinkler systems. The acceptance inspection of a sprinkler system shall determine that the system has been installed according to plans having received prior approval of the fire official and in conformity with the International Building Code. The Plumbing Inspection Section shall be present at the acceptance inspection.

918.1.2 Standpipe systems: The acceptance inspection of a standpipe system shall determine that the system has been installed according to plans having received prior approval of the fire official and in conformity to NAPA 14 and the International Building Code. The Plumbing Inspection Section shall be present at the acceptance inspection.

918.1.3 Fire Pumps: The acceptance inspection of fire pumps shall determine that the system has been installed according to plans having received prior approval of the fire official and in conformity to NFPA 20 and the International Building Code. The Plumbing Inspection Section shall be present at the acceptance inspection.

918.1.4 Fire detection systems: All fire detection systems and fire alarm systems shall be subject to an acceptance inspection and test upon their completion. The test shall be witnessed by the fire official or designated representative. The Electrical Inspection Section shall be present at the acceptance inspection.

918.1.5 Foam installations: All fire fighting foam installations where required to be installed

by the International Building Code, NAPA 30 and all other applicable NAPA standards, shall be subject to a final acceptance inspection and test upon completion of the installation. The Plumbing Inspection Section shall be present at the acceptance inspection.

918.2 Tests. Tests for the fire detection systems shall be performed by a Communication or Electrical Contractor licensed by the City of Saint Louis, or by a Missouri licensed Professional Engineer with experience in such systems.

The tests for sprinkler, standpipe and foam systems shall be performed by a Sprinkler Fitter Contractor licensed by the City of Saint Louis, or by a Missouri licensed Professional Engineer with experience in sprinkler and standpipe systems. Test reports shall be filed with the Division of Building and Inspection, Fire Safety Unit.

918.3 Fees: A fee shall be assessed by the fire official for annual inspections and shall be paid according to the fees established in Table 113.2.

SECTION 919 DUCT EXTINGUISHING SYSTEM

919.1 General: All automatic fire extinguishing equipment for the protection of kitchen ranges and ducts shall be installed where required by the International Building Code and Section 609 of the International Fire Code.

919.2 Acceptance inspection. The installation of automatic fire extinguishing equipment for kitchen ranges and ducts shall be subject to an acceptance inspection by the Division of Building and Inspection, Mechanical Inspection Section.

919.3 Annual test. The duct extinguishing system shall be inspected annually by a Sprinkler Fitter Contractor licensed by the City of Saint Louis, and the annual fee paid. The test report shall be filed with the Division of Building and Inspection, Fire Safety Unit.

919.4 Fees. A fee shall be assessed by the fire official for all acceptance and annual inspections and shall be paid according to the fees established in Table 113.2.

919.5 Portable fire extinguishers. All cooking operations and all food preparation centers within any occupancy, except individual dwelling units, shall provide a sufficient number of portable fire extinguishers to afford adequate fire safety as determined by the fire official, but not less than one (1) unit. All extinguishers shall carry a minimum of ten B.C. rating and capacity and be compatible with the fire suppression systems extinguishing agent.

Change Section 2001.2 to read as follows:

2001.2 Permit. Permits shall be required as set forth in Sections 105.6. The fee for the manufacture of organic coatings shall be as set forth in Table 113.1.

October 4, 2013

Page 43 OF 54

Board Bill # 193 Sponsor: Alderwoman Young

Change Section 2211.2.3 to read as follows:

2211.2.3 Drainage and disposal of liquids and oil-soaked waste. Garage floor drains, where provided, shall drain to approved oil separators or traps, discharging to a sewer in accordance with the Uniform Plumbing Code. Contents of oil separators, traps and floor drainage systems shall be collected at sufficiently frequent intervals and removed from the premises to prevent oil from being carried into the sewers.

Change Section 2601.2 to read as follows:

2601.2 Permit. Permits shall be required as set forth in Sections 105.6. The fee for welding and other hot work shall be as set forth in Table 113.1.

Change Section 2704.2.2.6 to read as follows:

2704.2.2.6 Drainage system design. Drainage systems shall be in accordance with the Uniform Plumbing Code and all of the following:

1. The slope of floors to drains in indoor locations, or similar areas in outdoor locations shall not be less than 1 percent.
2. Drains from indoor storage areas shall be sized to carry the volume of the fire protection water as determined by the design density discharged from the automatic fire-extinguishing system over the minimum required system design area or area of the room or area of the room in which the storage is located, whichever is smaller.
3. Drains from outdoor storage areas shall be sized to carry the volume of the fire flow and the volume of a 24-hour rainfall as determined by a 25-year storm.
4. Materials of construction for drainage systems shall be compatible with the materials stored.
5. Incompatible materials used in open systems shall be separated from each other in the drainage system.
6. Drains shall terminate in an approved location away from buildings, valves, means of egress, fire access roadways, adjoining property and storm drains.

Change Section 3301.2 to read as follows:

3301.2 Permit. Permits shall be required as set forth in Sections 105.6 and regulated in accordance with this section. The fee for explosive and fireworks shall be as set forth in Table 113.1.

Change Section 3301.2.1 to read as follows:

3301.2.1 Limits. The limits in which the storage of explosives, ammunition and blasting agents is prohibited, are hereby established as the entire City of Saint Louis.

Exception: Storage of smokeless propellant, black powder and small arms primers for personal use and not for resale in accordance with Section 3306.

Add Section 3308.1.1 to read as follows:

3308.1.1 Certification of registration. Each firm engaged in the business of offering for sale supervised fireworks displays for private or public amusement, shall be required to have a Certificate of Registration issued by the fire official.

Add section 3310 to read as follows:

October 4, 2013

Page 44 OF 54

Board Bill # 193 Sponsor: Alderwoman Young

**SECTION 3310
CERTIFICATE OF COMPETENCY**

3310.1 General. Each individual who engages in the activity of discharging fireworks for public or private amusement shall be required to have a Certificate of Competency issued by the fire official.

3310.2 Qualifications. An individual applying for a Certificate of Competency must be twenty-one (21) years of age, be capable of reading, writing, speaking and understanding the English language and possessing at least two (2) years experience in the supervision of discharging fireworks displays. Proof of the experience will be required at the time of application.

3310.3 Examination. The applicant for a Certificate of Competency must satisfactorily pass a written or oral examination administered by the fire official or designated representative.

3310.4 Non-transferable. The Certificate of Competency shall be issued to the name of the applicant and is non-transferable.

3310.5 Insurance. The permittee shall furnish evidence of public liability and property damage insurance in amounts deemed adequate by the fire official.

3310.6 Fees. The fees for Certificate of Registration and for the Certificate of Competency shall be paid at the time of application in accordance with the fee schedule as set forth in Table 113.3.

Change Section 3401.4 to read as follows:

3401.4 Permit. Permits shall be required as set forth in Sections 105.6. The fee for flammable and combustible liquids shall be as set forth in Table 113.1.

Add sections 3407 thru 3409 to read as follows:

**SECTION 3407
FLAMMABLE LIQUID STORAGE TANK INSTALLATION**

3407.1 Scope. The installation, abandonment, repair, or removal of any underground or aboveground tank used for the storage of flammable liquids shall comply with the provisions of this code.

3407.2 Permit required. A permit shall be obtained from the fire official to install, abandon or remove any above or below ground tank used for the storage of flammable liquids without regard to class of liquids.

3407.3 Compliance with building code. The layout and field erection of flammable liquid tanks shall comply with the applicable requirements of the International Building Code.

3407.4 Installation. The installation of stationary or temporary tanks for the storage of flammable liquids on any site or location shall be installed within the requirements of the applicable standards of NAPA 30.

3407.5 Fire protection and control. The required fire protection shall be as specified in the International Building Code.

3407.6 Gasoline storage. All gasoline storage tanks shall be installed below ground and be vented as required by the International Building Code. Gasoline may be stored above ground in approved safety containers of not more than five hundred (500) gallons each subject to the approval of the fire official.

3407.7 Final inspection. All flammable liquid storage tanks shall be subject to a final inspection by the fire official or representative before filling tanks; in case of underground tanks, the final inspection shall take place before tanks are covered over.

3407.7.1 Responsibility. It shall be the responsibility of the installer to notify the fire official forty-eight (48) hours before final inspection is requested.

3407.8 Abandonment or removal of tanks. The fire official shall be notified forty-eight (48) hours prior to the abandonment, cleaning or removal of a flammable liquid tank.

3407.8.1 Requirements. The abandonment or removal of a flammable liquid tank shall comply with the applicable standards of NAPA 30.

3407.9 Leaking tanks. The fire official shall be notified immediately upon discovery of any leakage of product from a flammable liquid tank, connected piping or pumps.

3407.10 Test of tanks or piping. The owner or occupant shall, when required by the fire official, cause the testing of tanks, piping, pumps and related equipment, as so designated. Tests shall be performed according to procedures established by the fire official.

3407.10.1 Witnessing test. Whenever the fire official requires any tank, piping, pumps or related equipment to be tested the test shall be witnessed by the fire official or designated representative. The fire official shall be notified forty-eight hours (48) before each test is to begin.

3407.11 Inventory control records to be kept. Accurate inventory control records for the purpose of detecting leakage shall be maintained by the person in control of the premises of each underground storage facility. The person in control of such premises shall make all inventory control records available for inspection and checking by the fire official at all reasonable times and shall promptly report any abnormal loss of content to the fire official.

3407.12 Testing for leaks. Notwithstanding any of the requirements of this chapter for testing piping systems and underground storage tanks, the fire official may require testing of any such system when there are grounds to believe that a system may be leaking, including without limitation the failure to maintain inventory control records, or if inventory control records indicate a shortage of product or based upon visual detection of leakage. The fire official may, at any time when such leakage shall be apparent, close the entire facility and the facility shall remain closed until such time as the fire official has been furnished sufficient proof that the leakage which has caused the closing of the facility has been repaired. The fire official may at any time require the construction of intercepting holes or trenches to prevent the continuing migration of the contaminating liquid.

3407.13 Permits. A permit shall be obtained from the fire official to repair any tank, container or piping and pumps used for the storage and dispensing of flammable liquids.

3407.14 Removal of covering devices for inspection. At the time of periodic tests of piping systems, and at any other reasonable time when requested to do so by the fire official, dispenser panels, access covers and any other covering devices shall be removed to permit access for inspection. Any deficiencies which are causing the loss of product shall be immediately corrected.

3407.14.1 Observation well. An observation well shall be installed for each new tank location as determined by the fire official.

3407.14.2 Secondary containment. Secondary containment shall be required in new tank installations as determined by the fire official.

SECTION 3408 REPAIR OF LEAKING TANKS OR CONTAINERS

3408.1 Repairs. Before any tank, equipment or containers used for the storage or conveying of flammable liquids is repaired, the fire official shall be notified prior to commencement of work.

3408.1.1 Requirements. The repair of all equipment outlined in Section 3408.1 shall be done in strict compliance of requirements set forth by the fire official and NAPA 329 and NAPA 30.

3408.2 Requirements for installers of tanks and equipment. Only those companies and individuals duly certified by the fire official having met the requirements set forth in Section 3409 for such certification shall be engaged for the purpose of installation or repairing flammable liquid tanks and related equipment.

3408.3 Fees. A fee shall be assessed by the fire official for witnessing the testing of tanks and equipment. Fees shall be paid according to the fee schedule established in Table 113.2.

3408.4 Repair permit. A fee shall be assessed by the fire official for the repair, installation or abandonment of tanks and the repair of any tank, piping or pump as listed in Table 113.1

3408.5 Cleaning tanks. Before any flammable liquid tank is cleaned, a permit shall be obtained from the fire official and a fee paid as listed in Table 113.1.

SECTION 3409 CERTIFICATION OF FLAMMABLE LIQUID TANK INSTALLATIONS

3409.1 Scope. The purpose of this section is to regulate the installation, repair and testing of tanks and equipment used for the storage of flammable liquids in the interest of safeguarding lives and property.

3409.2 Registration of persons installing, repairing or testing flammable liquid storage tanks. Each firm engaged in the business of installing, repairing or testing flammable liquid storage tanks shall be required to have a Certificate of Registration issued by the fire official.

3409.3 Prohibition against installing, repairing or testing flammable liquid storage tanks by personnel from uncertified company. The only person under this section allowed to install, repair or test flammable liquid tanks is a person that holds a Certificate of Registration, or an employee, agent or servant of a firm that holds a Certificate of Registration.

3409.4 Applications and hearing on licenses, permits and certificates. Applications for Certificates hereunder shall be made pursuant to regulations adopted by the fire official as those regulations may from time to time be amended.

3409.5 Penalties. Whoever shall intentionally commit any acts as set forth in 3409.5.1 and 3409.5.2 shall be held in violation of this code, and shall, upon conviction thereof, be penalized as set forth in Section Four.

3409.5.1 Operating without certificate. No person shall engage in the business of installing, repairing or testing flammable liquid storage tanks without a current Certificate of Registration.

3409.5.2 Misrepresentation. No person shall obtain or attempt to obtain a Certificate of Registration by fraudulent misrepresentation.

3409.6 Application for certificate of registration. Any firm that desires to engage in the business of installing, repairing or testing flammable liquid storage tanks shall make a written verified application to the code official on forms provided for a Certificate of Registration, for each separate location or such firm where service is performed. The application must be signed by the sole proprietor, or each partner, or by an officer of the corporation.

3407.6.1 Review. If the fire official finds after reviewing the applicant's record that the granting or renewing of a Certificate of Registration would not be contrary to the public safety and welfare, the fire official shall issue or renew such Certificate of Registration authorizing the applicant to engage in the business of installing, repairing or testing flammable liquid storage tanks, provided the requisite fee(s) has/have been paid. The fire official shall give each Certificate of Registration an identifying number.

3409.6.2 Renewal of certificate. An application for renewal of a Certificate of Registration shall be made annually in accordance with detailed procedures to be followed.

3409.6.3 Fees. The original and annual renewal fee for Certificates of Registration issued pursuant to these regulations shall be paid according to the fee schedule established in Table 113.3.

3409.7 Revocation. The fire official shall conduct a hearing pursuant to the revocation of any Certificate of Registration. The fire official may then either refuse to renew, suspend or revoke the Certificate of Registration for any of the following causes:

1. Violation - Any violation as listed in Section 3409.5.
2. Misrepresentation - Having obtained or having attempted to obtain a Certificate of Registration by fraudulent misrepresentation.
3. Malpractice - Malpractice or incompetency.
4. Failure to Pay Fee - Failure to pay the original or annual renewal Certificate of Registration fee provided in these regulations.
5. Violation of any provision of the rules and regulations as formulated and administered by the fire official or violation of any provision of this section.

Change Sections 3801.2, 3801.2.1 and 3801.2.2 to read as follows:

3801.2 Permit. Permits shall be required as set forth in Sections 105.6 and 105.7. The fee for liquefied petroleum gases shall be as set forth in Table 113.1.

Distributors shall not fill an LP-gas container for which a permit is required unless a permit for installation has been issued for that location by the fire official.

3801.2.1 Bulk storage. Bulk storage of Liquid Petroleum Gas of more than one thousand (1,000) pounds (240 gallons equivalent water capacity) shall not be permitted within the City Limits.

3801.2.2 Recharging: No recharging and/or refilling of any Liquefied Petroleum Gas container shall be permitted within the City limits unless it is performed at a bulk storage transfer facility by a qualified operator of that facility.

Delete Chapter 46 in its entirety. - refer to International Existing Building Code.

Modify Chapter 47 by adding and changing the following:

IAPMO

International Association of Plumbing and Mechanical Officials
5001 E. Philadelphia Street
Ontario, CA 91761-2816

Standard reference number	Title	Referenced in code Section number
UPC-09	Uniform Plumbing Code	201.3,903.3.5,912.5,2211.2.3,2704.2.2.6

NAPA

National Fire Protection Association
1 Battery march Park
Quincy, MA 02169-7471

Standard reference number	Title	Referenced in code Section number
13-2010	Installation of Sprinkler Systems	902.3.1.1, 903.3.2, 903.3.5.1.1, 903.3.5.2, 904.11, 905.3.4, 907.7.3, 2301.1, 2304.2, Table 2306.2, 2306.9., 2307.2, 2307.2.1, 2308.2.2, 2308.2.2.1, 2308.4, 2310.1, 2501.1, 2804.1, 2806.5.7,3404.3.3.9, Table 3404.3.6.3(7), 3404.3.7.5.1, 3404.3.8.4
13D-2010	Installation of Sprinkler Systems in One- and Two-family Dwellings and manufactured Homes	903.3.1.3, 903.3.5.1

October 4, 2013

Page 50 OF 54

Board Bill # 193 Sponsor: Alderwoman Young

13R-2010	Installation of Sprinkler Systems in Residential Occupancies up to and Including Four Stories in Height	903.34.1.2, 903.3.5.1.1, 903.3.5.1.2, 903.4
70-2011	National Electrical Code	603.1.3, 603.1.7,603.5.2,604.2.15.1,605.3,605.4,605.9, 606.16,904.3.1,907.1,909.11,909.12.1,909.16.3,1106.3.4, 1204.2.3,Table 1304.1,1404.7,1503.2.1,1503.2.1.1,1503.2.4,1503.2.5, 1504.9.4,,1604.5,1703.2,1803.7.1,1803.7.2,1803.7.3,1903.4,2004.1, 2205.4,2208.8.1.2.4,2209.2.3,2211.3.1,331.8.1.2.4,2403.12.6.1, 2404.15.7,2606.4,2703.7.3,3003.7.6,3003.8,3003.16.11,3003.1.6.4, 3203.6,3203.7.2,3403.1,Table 3403.1.1,3403.1.3,3404.2.8.12,3404.2.8.17, 3406.2.8,3503.1.5,3503.1.5.1,3507.1.10,3606.5.5,3606.5.6,3704.2.28
72-2010	National Fire Alarm Code	508.1.5, Table 901.6.1, 903.4.1, 904.3.5, 907.2, 907.2.6, 907.2.2.11, 907.2.13.2, 907.3, 907.4.3, 907.4.4, 907.6.2.1.2, 907.6.2.2, 907.7, 907.7.1, 907.7.2, 907.7.5, 907.8, 907.8.1, 907.8.2, 907.9, 907.9.2, 907.9.5, 1101.1, J103.1.4

SECTION FOUR.

Any person who shall violate a provision of this code or shall fail to comply with any of the requirements thereof, or who shall erect, construct, alter, extend, repair, remove, demolish, use or occupy any building, structure or premises or equipment regulated by this code in violation of an approved construction document or directive of the code official or the Board of Building Appeals, or of a permit, license or certificate issued under the provisions of this code, shall, upon conviction thereof, be punished by a fine of not more than five hundred dollars (\$500.00) or by imprisonment not exceeding ninety (90) days, or both such fine and imprisonment. Each day that a violation continues shall constitute a separate and distinct offense.

SECTION FIVE.

October 4, 2013

Page 51 OF 54

Board Bill # 193

Sponsor: Alderwoman Young

In the event any part or provision of this code 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 thereof, which are determined to be legal; and it shall be presumed that this code would have been passed without such illegal or invalid parts or provisions.

Any invalid part of this code shall be segregated from the remainder of the code by the court holding such part invalid, and the remainder shall remain effective.

SECTION SIX.

Nothing in this ordinance 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 One of this ordinance; nor shall any just or legal right or remedy of any character be lost, impaired or affected by this ordinance.

SECTION SEVEN.

This being an ordinance necessary for the immediate preservation of the public safety, it is hereby declared to be an emergency measure and shall become effective immediately upon its approval by the mayor.

SECTION EIGHT

It is the intent of the Board of Aldermen that Sections Two, Three and Four of this ordinance be codified in the Revised Code of the City of Saint Louis.