

1 An ordinance adopting the International Fire Code/2009 Edition with changes, including  
2 Appendix Chapters B and C, as the Fire Code of the City of Saint Louis; repealing Ordinance  
3 64772 which adopted the 1999 BOCA National Fire Prevention Code; and containing a penalty  
4 clause, a savings clause, a severability clause and an emergency clause.

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

6  
7 ***SECTION ONE.***

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9 Louis, which adopted the 1999 BOCA National Fire Prevention Code, is hereby repealed.

10 ***SECTION TWO.***

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

19 ***SECTION THREE.***

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

21  
22 *Change Chapter 1 to read as follows:*

Date: November 19, 2010

Page: 1 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

1  
2  
3  
4  
5  
6  
7  
8  
9

**CHAPTER 1**  
**SCOPE AND ADMINISTRATION**

10  
11  
12

**PART 1 - GENERAL PROVISIONS**

13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24

**SECTION 101**  
**SCOPE AND GENERAL REQUIREMENTS**

25  
26

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

27  
28  
29  
30  
31  
32

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

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

38  
39  
40  
41

**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 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**

Date: November 19, 2010

Page: 2 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

1  
2 **102.1 Construction and design provisions.** The construction and design provisions of this code  
3 shall apply to:

- 4 1. Structures, facilities and conditions arising after the adoption of this code.
- 5 2. Existing structures, facilities and conditions not legally in existence at the time of adoption  
6 of this code.
- 7 3. Existing structures, facilities and conditions when required in Chapter 46.
- 8 4. Existing structures, facilities and conditions which, in the opinion of the fire official,  
9 constitute a distinct hazard to life or property.

10  
11 **102.2 Administrative, operational and maintenance provisions.** The administrative, operational  
12 and maintenance provisions of this code shall apply to:

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

15  
16 **102.3 Change of use or occupancy.** No change shall be made in the use or occupancy of any  
17 structure that would place the structure in a different division of the same group or occupancy or in a  
18 different group of occupancies, unless such structure is made to comply with the requirements of this  
19 code and the International Building Code and the International Existing Building Code. Subject to  
20 the approval of the building official, the use or occupancy of an existing structure shall be permitted  
21 to be changed and the structure is allowed to be occupied for purposes in other groups without  
22 conforming to all the requirements of this code, the International Building Code, and the  
23 International Existing Building Code for those groups, provided the new or proposed use is less  
24 hazardous, based on life and fire risk, than the existing use.  
25

26 **102.4 Application of building code.** The design and construction of new structures shall comply  
27 with the International Building Code and enforced by the building official, and any alterations,  
28 additions, changes in use or changes in structures required by this code, which are within the scope  
29 of the International Existing Building Code, shall be made in accordance therewith and enforced by  
30 the building official.  
31

32 **102.5 Application of residential code.** Where structures are designed and constructed in  
33 accordance with the International Residential Code, the provisions of this code shall apply as  
34 follows:

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

41  
42 **102.6 Historic buildings.** The provisions of this code relating to the construction, alteration, repair,

Date: November 19, 2010

Page: 3 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

1 enlargement, restoration, relocation or moving of buildings or structures shall not be mandatory for  
2 existing buildings or structures identified and classified by national or City of Saint Louis as historic  
3 buildings or landmarks when such buildings or structures do not constitute a distinct hazard to life or  
4 property. Fire protection in designated historic buildings and structures shall be provided in  
5 accordance with an approved fire protection plan.  
6

7 **102.7 Referenced codes and standards.** The codes and standards referenced in this code shall be  
8 considered part of the requirements of this code to the prescribed extent of each such reference.  
9 Where differences occur between provisions of this code and referenced standards, the provisions of  
10 this code shall apply. Reference standards shall be permitted to be updated by rule making authority  
11 of the building official.  
12

13 **102.8 Subjects not regulated by this code.** Where no applicable standards or requirements are set  
14 forth in this code, or are contained within other laws, codes, regulations, ordinances or bylaws  
15 adopted by the City of Saint Louis, compliance with applicable standards of the National Fire  
16 Protection Association or other nationally recognized fire safety standards, as approved, shall be  
17 deemed as prima facie evidence of compliance with the intent of this code. Nothing herein shall  
18 derogate from the authority of the fire official to determine compliance with codes or standards for  
19 those activities or installations within the fire official's jurisdiction or responsibility.  
20

21 **102.9 Matters not provided for.** Requirements that are essential for the public safety of an existing  
22 or proposed activity, building or structure, or for the safety of the occupants thereof, which are not  
23 specifically provided for by this code shall be determined by the fire official.  
24

25 **102.10 Conflicting provisions.** Where there is a conflict between a general requirement and a  
26 specific requirement, the specific requirement shall be applicable. Where, in a specific case, different  
27 sections of this code specify different materials, methods of construction or other requirements, the  
28 most restrictive shall govern.  
29

30 **102.11 Other laws.** The provisions of this code shall not be deemed to nullify any provisions of  
31 local, state or federal law.  
32

33 **102.12 Application of references.** References to chapter or section numbers, or to provisions not  
34 specifically identified by number, shall be construed to refer to such chapter, section or provision of  
35 this code.  
36

1  
2 **PART 2 - ADMINISTRATIVE PROVISIONS**  
3  
4

5 **SECTION 103**  
6 **FIRE SAFETY UNIT**  
7

8 **103.1 General.** The Fire Safety Unit is established within the City of Saint Louis under the  
9 direction of the Director of Public Safety and the Building Commissioner. The function of the Fire  
10 Safety Unit shall be the implementation, administration and enforcement of the provisions of this  
11 code.  
12

13 **103.2 Appointment.** The fire official shall be appointed under the rules of the Civil Service  
14 Commission.  
15

16 **103.3 Organization.** The fire official shall appoint such number of officers, technical assistants,  
17 inspectors and other employees as is necessary for the administration of this code and as authorized  
18 by the appointing authority.  
19

20 **103.3.1 Deputy.** The fire official is authorized to designate an employee as deputy who shall  
21 exercise all of the powers of the fire official during the temporary absence or disability of the fire  
22 official.  
23

24 **103.3.2 Restriction of employees.** An official or employee connected with the enforcement of  
25 this code, except one whose only connection is that of a member of the Board of Building  
26 Appeals established under the building code listed in Section 108, shall not be engaged in, or  
27 directly or indirectly connected with, the furnishing of labor, materials or appliances for the  
28 construction, alteration or maintenance of a building, or the preparation of construction  
29 documents thereof, unless that person is the owner of the building, or a first degree relative of  
30 the owner of the building; nor shall such officer or employee engage in any work which conflicts  
31 with official duties or with the interests of the Division of Building and Inspection.

32 Further, no Building Division employee shall be employed by or serve as an employee of any  
33 other division within the city service unless a formal request is made by the Building  
34 Commissioner to and approved by the appointing authority of that division.  
35

36 **103.4 Relief from personal responsibility.** The building/fire official or employee charged with the  
37 enforcement of this code, while acting for the jurisdiction, shall not thereby be rendered liable  
38 personally, and is hereby relieved from all personal liability for any damage accruing to persons or  
39 property as a result of any act required or permitted in the discharge of official duties. Any suit  
40 instituted against any employee because of an act performed by that person in the lawful discharge  
41 of duties and under the provisions of this code shall be defended by the City of Saint Louis City  
42 Counselor's Office until the final termination of the proceedings. The building official or any

Date: November 19, 2010

Page: 5 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

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

6 The above protection shall also extend to former employees for work performed during their  
7 period of employment with the City of Saint Louis.  
8  
9

10 **SECTION 104**  
11 **GENERAL AUTHORITY AND RESPONSIBILITIES**  
12

13 **104.1 General.** The fire official is hereby authorized to enforce the provisions of this code and  
14 shall have the authority to render interpretations of this code, and to adopt policies, procedures, rules  
15 and regulations in order to clarify the application of its provisions. Such interpretations, policies,  
16 procedures, rules and regulations shall be in compliance with the intent and purpose of this code and  
17 shall not have the effect of waiving requirements specifically provided for in this code.  
18

19 **104.1.1 Enforcement:** For purposes of the referenced sections, the designated enforcement  
20 agency shall be considered to be the "fire official" when used in that section.

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

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

23 Section 407...The Saint Louis Fire Department.

24 Chapter 5...The Saint Louis Fire Department.

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

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

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

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

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

30 Chapter 11...The Saint Louis Fire Department.

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

32 Chapter 13...The Saint Louis Fire Department.

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

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

35 Chapter 16...Department of Health and Hospitals.

36 Chapter 17....Department of Health and Hospitals.

37 Chapter 18...The Saint Louis Fire Department.

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

39 Chapter 20...The Saint Louis Fire Department.

40 Chapter 21...The Department of Health and Hospitals.

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

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

Date: November 19, 2010

Page: 6 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

- 1 Chapter 24...The Division of Building & Inspection Fire Safety Unit.
- 2 Chapter 25...The Saint Louis Fire Department and the Department of Health and Hospitals shall
- 3 share enforcement responsibility.
- 4 Chapter 26...The Saint Louis Fire Department.
- 5 Chapter 27...The Saint Louis Fire Department.
- 6 Chapter 28...The Saint Louis Fire Department.
- 7 Chapter 29...The Saint Louis Fire Department.
- 8 Chapter 30...The Saint Louis Fire Department.
- 9 Chapter 31...The Saint Louis Fire Department.
- 10 Chapter 32...The Saint Louis Fire Department.
- 11 Chapter 33...The Saint Louis Fire Department.
- 12 Chapter 34...The Saint Louis Fire Department.
- 13 Chapter 35...The Saint Louis Fire Department.
- 14 Chapter 36...The Saint Louis Fire Department.
- 15 Chapter 37...The Saint Louis Fire Department.
- 16 Chapter 38...The Saint Louis Fire Department.
- 17 Chapter 39...The Saint Louis Fire Department.
- 18 Chapter 40...The Saint Louis Fire Department.
- 19 Chapter 41...The Saint Louis Fire Department.
- 20 Chapter 42...The Saint Louis Fire Department.
- 21 Chapter 43...The Saint Louis Fire Department.
- 22 Chapter 44...The Saint Louis Fire Department.
- 23 Chapter 45...The Division of Building & Inspection Fire Safety Unit.
- 24 Chapter 46...DELETED- See International Existing Building Code.

25  
26 **104.2 Applications and permits.** The fire official is authorized to receive applications, review  
27 construction documents and issue permits for construction regulated by this code, issue permits for  
28 operations regulated by this code, inspect the premises for which such permits have been issued and  
29 enforce compliance with the provisions of this code.

30  
31 **104.3 Right of entry.** Whenever it is necessary to make an inspection to enforce the provisions of  
32 this code, or whenever the fire official has reasonable cause to believe that there exists in a building  
33 or upon any premises any condition or violation of this code which makes the building or premises  
34 unsafe, dangerous or hazardous, the fire official shall have the authority to enter the building or  
35 premises at all reasonable times to inspect or to perform the duties imposed upon the fire official by  
36 this code. If such building or premises is occupied, the fire official shall present credentials to the  
37 occupant and request entry. If such structure or premises is unoccupied, the code official shall first  
38 make a reasonable effort to locate the owner or other person having charge or control of the building  
39 or premises and request entry. If entry is refused, the building official has recourse to every remedy  
40 provided by law to secure entry.

41  
42 **104.3.1 Warrant.** When the fire official has first obtained a proper inspection warrant or other

1 remedy provided by law to secure entry, an owner or occupant or person having charge, care or  
2 control of the building or premises shall not fail or neglect, after proper request is made as herein  
3 provided, to permit entry therein by the fire official for the purpose of inspection and  
4 examination pursuant to this code.  
5

6 **104.4 Identification.** The fire official shall carry proper identification when inspecting buildings,  
7 structures or premises in the performance of duties under this code.  
8

9 **104.5 Notices and orders.** The fire official shall issue such notices or orders as are required to  
10 affect compliance with this code.  
11

12 **104.6 Official records:** The fire official shall keep official records as required by Sections 104.6.1  
13 through 104.6.4. Such official records shall be retained for not less than three (3) years, unless  
14 otherwise provided by other regulations.  
15

16 **104.6.1 Approvals.** A record of approvals granted shall be maintained by the fire official and  
17 shall be available for public inspection during business hours in accordance with applicable  
18 laws.  
19

20 **104.6.2 Inspections.** The fire official shall keep a record of each inspection made, including  
21 notices and orders issued, showing the findings and dispositions of each.  
22

23 **104.6.3 Fire records.** The City of Saint Louis Fire Department shall keep a record of fires  
24 occurring within the City of Saint Louis and of facts concerning the same, including statistics as  
25 to the extent of such fires and the damage caused thereby, together with other information as  
26 required by the fire official.  
27

28 **104.6.4 Administrative.** Application for modification, alternative methods of materials and the  
29 final decision of the fire official shall be in writing and shall be officially recorded in the  
30 permanent records of the fire official.  
31

32 **104.7 Approved materials and equipment.** Materials, equipment and devices approved by the fire  
33 official shall be constructed and installed in accordance with such approval.  
34

35 **104.7.1 Used materials and equipment.** The use of used materials which meet the  
36 requirements of this code for new materials is permitted. Used equipment and devices shall not  
37 be reused unless they have been reconditioned, tested and placed in good and proper working  
38 condition and approved by the building official.  
39

40 **104.7.2 Technical assistance.** To determine the acceptability of technologies, processes,  
41 products, facilities, materials and uses attending the design, operation or use of a building or  
42 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

Date: November 19, 2010

Page: 8 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

1 report. The opinion and report shall be prepared by a qualified engineer, specialist, laboratory or  
2 a fire safety specialty organization acceptable to the code official and shall analyze the fire  
3 safety properties of the design, operation or use of the building or premises and the facilities and  
4 appurtenances situated thereon, to recommend necessary changes. The fire official is authorized  
5 to require design submittal to be prepared by, and bear the seal, signature and date of a licensed  
6 design professional.  
7

8 **104.8 Modifications.** Wherever there are practical difficulties involved in carrying out provisions  
9 of this code, the fire official shall have the authority to grant modifications for individual cases, upon  
10 application of the owner or owner's representative, provided the fire official shall first find that  
11 special individual reason makes the strict letter of this code impractical and the modification is in  
12 compliance with the intent and purpose of this code and that such modification does not lessen  
13 health, accessibility, life and fire safety, or structural requirements. The details of action granting  
14 modifications shall be recorded and entered in the files of the Division of Building and Inspection.  
15

16 **104.9 Alternative methods and materials.** The provisions of this code are not intended to prevent  
17 the installation of any material or prohibit any method of construction not specifically prescribed by  
18 this code, provided that any such alternative has been approved. The fire official is authorized to  
19 approve an alternative material or method of construction where the fire official finds that the  
20 proposed design is satisfactory and complies with the intent of the provisions of this code, and that  
21 the material, method or work offered is, for the purpose intended, at least the equivalent of that  
22 prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety.  
23

24 **104.9.1 Research reports.** Supporting data, when necessary to assist in the approval of  
25 materials or assemblies not specifically provided for in this code, shall consist of valid research  
26 reports from approved sources.  
27

28 **104.9.2 Tests.** Whenever there is insufficient evidence of compliance with the provisions of this  
29 code, or evidence that a material or method does not conform to the requirements of this code, or  
30 in order to substantiate claims for alternative materials or methods, the fire official shall have the  
31 authority to require tests as evidence of compliance to be made at no expense to the jurisdiction.  
32 Test methods shall be as specified in this code or by other recognized test standards. In the  
33 absence of recognized and accepted test methods, the fire official shall approve the testing  
34 procedures. Tests shall be performed by an approved agency. Reports of such tests shall be  
35 retained by the fire official for the period required for retention of public records.  
36

37 **104.10 Fire investigation.** The fire official, the fire department or other responsible authority shall  
38 have the authority to investigate the cause, origin and circumstances of any fire, explosion or other  
39 hazardous condition. Information that could be related to trade secrets or processes shall not be  
40 made part of the public record except as directed by a court of law.  
41

42 **104.10.1 Assistance from other agencies.** Police and other enforcement agencies shall have the

Date: November 19, 2010

Page: 9 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

1 authority to render necessary assistance in the investigation of fires when requested to do so.  
2

3 **104.11 Authority at fires and other emergencies.** The fire chief or officer of the fire department  
4 in charge at the scene of a fire or other emergency involving the protection of life or property or any  
5 part thereof, shall have the authority to direct such operation as necessary to extinguish or control  
6 any fire, perform any rescue operation, investigate the existence of suspected or reported fires, gas  
7 leaks or other hazardous conditions or situations, or take any action necessary in the reasonable  
8 performance of duty. In the existence of such power, the fire chief is authorized to prohibit any  
9 person, vehicle, vessel or thing from approaching the scene and is authorized to remove, or cause to  
10 be removed or kept away from the scene, any, vehicle, vessel or thing that could impede or interfere  
11 with the operations of the fire department and, in the judgement of the fire chief, any person not  
12 actually and usefully employed in the extinguishing of such fire or in the preservation of property in  
13 the vicinity thereof.  
14

15 **104.11.1 Barricades.** The fire chief or officer of the fire department in charge at the scene of an  
16 emergency is authorized to place ropes, guards, barricades or other obstructions across any  
17 street, alley, place or private property in the vicinity of such operation so as to prevent accidents  
18 or interference with the lawful efforts of the fire department to manage and control the situation  
19 and to handle fire apparatus.  
20

21 **104.11.2 Obstructing operations.** No person shall obstruct the operations of the fire  
22 department in connection with extinguishment or control of any fire, or actions relative to other  
23 emergencies, or disobey any lawful command of the fire chief or officer of the fire department in  
24 charge of the emergency, or any part thereof, or any lawful officer of a police officer assisting  
25 the fire department.  
26

27 **104.11.3 Systems and devices.** No person shall render a system or device inoperative during an  
28 emergency unless by direction of the fire chief or fire department official in charge of the  
29 incident.  
30

31  
32 **SECTION 105**  
33 **PERMITS**  
34

35 **105.1 General.** Permits shall be in accordance with Section 105.1 through 105.7.4  
36

37 **105.1.1 Permits required.** Permits required by this code shall be obtained from the fire  
38 official. Permit fees shall be paid prior to issuance of the permit. Issued permits shall be kept on  
39 the premises designated therein at all times and shall be readily available for inspection by the  
40 fire official.  
41

42 **105.1.2 Types of permits.** There shall be two (2) types of permits as follows:

Date: November 19, 2010

Page: 10 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

- 1           1. Operational permit. An operational permit allows the applicant to conduct an operation  
2           or a business for which a permit is required by Section 105.6 for either:  
3           1.1 A prescribed period.  
4           1.2 Until renewed or revoked.
- 5           2. Building permit. A building permit allows the applicant to install or modify systems and  
6           equipment for which a permit is required by Section 105.7.

7  
8           **105.1.3 Permits for the same location.** When more than one (1) permit is required for the same  
9           location, the fire official is authorized to consolidate such permits into a single permit provided  
10          that such provision is listed in the permit.

11  
12          **105.2 By whom application is made.** Application for a permit shall be made by the owner or  
13          lessee of the building or structure, or agent of either, or by the Missouri licensed design professional  
14          employed in connection with the proposed work. The full names, addresses and telephone number  
15          of the owner, lessee, and applicant shall be stated in the application. Every application should have  
16          a local contact person listed.

17  
18          **105.2.1 Application for permit.** To obtain a permit, the applicant shall first file an application  
19          on a form furnished by the Division of Building and Inspection for that purpose. Such  
20          application shall:

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

27  
28          **105.2.2 Action on application.** The fire official shall examine or cause to be examined  
29          applications for permits and amendments thereto. If the application or the construction  
30          documents do not conform to the requirements of all pertinent laws, the fire official shall reject  
31          such application in writing, stating the reasons therefore. If the fire official is satisfied that the  
32          proposed work conforms to the requirements of this code and all City of Saint Louis laws and  
33          ordinances applicable thereto, the fire official shall issue a permit. The fire official shall rely  
34          upon other City agencies to review for compliance with their ordinance requirements.

35  
36          **105.2.3 Time limitation of application.** An application for a permit for any proposed work  
37          shall be deemed to have been abandoned six (6) months after date of filing, unless such  
38          application has been pursued in good faith or a permit has been issued; except that the building  
39          official is authorized to grant one or more extensions of time for additional periods not  
40          exceeding ninety (90) days each if the building official deems that there is reasonable cause and  
41          if a written request is received from the applicant for the extension prior to the expiration date.

42  
Date: November 19, 2010

Page: 11 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

1 **105.2.4 Time limitation on approval.** An application for a permit for any proposed work shall  
2 have been deemed to have been abandoned three (3) months after the approval date of the  
3 building official. A notice of abandonment shall be sent to the applicant of record two (2) weeks  
4 prior to the abandonment date. Should the permit still not have been issued after these two (2)  
5 weeks, the permit application shall be abandoned.

6 Applicants who have a record of abandoned permit applications shall be required on all  
7 future permits to pay the application fee and a the full permit fee upon application until such  
8 time as the abandoned permits have been reapplied for, approved, permit fees and possible  
9 surcharges paid.

10  
11 **105.2.5 Inspection authorized.** Before a new operational permit is approved, the fire official is  
12 authorized to inspect the receptacles, vehicles, buildings, devices, premises, storage spaces or  
13 areas to be used to determine compliance with this code or any operational constraints required.  
14

15 **105.3 Conditions of permit.** A permit shall constitute permission to maintain, store or handle  
16 materials; or to conduct processes which produce conditions hazardous to life or property; or to  
17 install equipment utilized in connection with such activities; or to install or modify any fire  
18 protection system or equipment or any other construction, equipment installation or modification in  
19 accordance with the provisions of this code where a permit is required by Section 105.6. and 105.7.  
20 Such permission shall not be construed as authority to violate, cancel or set aside any of the  
21 provisions of this code or other applicable regulations or laws of the City of Saint Louis.  
22

23 **105.3.1 Expiration.** All permits shall be issued in the name of the property owner of record for  
24 a period of six (6) months unless noted otherwise. Permits shall be permitted to be extended for  
25 additional six (6) month periods if work is progressing and a written request from the owner for  
26 the extension is received by the building official prior to the expiration of each permit. Any  
27 permit issued shall become invalid if the authorized work is not commenced within six (6)  
28 months after issuance of the permit, or if the authorized work is suspended or abandoned for a  
29 period of six (6) months after the time of commencing the work; except that the building official  
30 shall be permitted to grant one (1) or more extensions of time for additional periods not  
31 exceeding six (6) months each if the building official deems that there is reasonable cause, and if  
32 a written request is received from the owner for the extension prior to the expiration date. No  
33 permit shall be extended if, after six (6) months from issuance of said permit, no work has begun  
34 and the Board of Aldermen has passed an ordinance that would make all or part of the work  
35 thereon illegal or unlawful.

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

1  
2 **105.3.2 Temporary or partial occupancy permits.** Upon the request of an owner or an  
3 owner's representative, a temporary or partial occupancy permit shall be permitted to be issued  
4 for a building, structure or premises, provided that no conditions exist which endanger life,  
5 public safety or welfare. Temporary or partial occupancy permits shall be permitted to be  
6 subject to conditions.  
7

8 **105.3.3 Placement of permit.** A true copy of the building permit shall be kept on the site of  
9 operations, open to inspection during the entire time of prosecution of the work and until the  
10 completion of the same.  
11

12 **105.3.4 Responsibility.** It shall be the duty of every person who performs work for the  
13 installation or repair of building, structure, electrical, gas, mechanical or plumbing systems, for  
14 which this code is applicable, to comply with this code.  
15

16 **105.3.5 Notice of start.** At least twenty-four (24) hours notice of start of work under a building  
17 permit shall be given to the building official.  
18

19 **105.3.6 Compliance with permit.** All work shall conform to the approved application and the  
20 approved construction documents for which the permit has been issued and any approved  
21 amendments to the approved application or the approved construction documents. Any addition  
22 to or alteration of approved construction documents shall be approved in advance by the code  
23 official, as evidenced by the issuance of a new or amended permit.  
24

25 **105.4 Construction documents.** Construction documents shall be in accordance with this section.  
26

27 **105.4.1 Construction Documents.** The application for the permit shall be accompanied by at  
28 least five (5) complete sets of construction drawings, two (2) sets of project specifications, with  
29 sufficient clarity and detailed dimensions to show the nature and character of the work to be  
30 performed. The minimum size of any sheet shall be 8½" x 11" and the maximum size of any  
31 sheet shall be 36" x 48". When quality of materials is essential for conformity to this code,  
32 specific information shall be given to establish such quality and this code shall not be cited, or  
33 the term "legal" or its equivalent be used as a substitute for specific information. Construction  
34 documents containing the words "not for construction", "preliminary", "review set", or their  
35 equivalent, shall not be accepted for application. Construction documents marked with  
36 contractors "take-off" notations shall not be accepted for application.  
37

38 All construction documents submitted with an application for a building permit shall be  
39 prepared by a Missouri licensed design professional as required by Chapter 327 of the Revised  
40 Statutes of the State of Missouri. All construction documents shall bear an original embossed or  
41 wet ink seal, original ink signature and the date the documents were sealed by the Missouri  
42 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.

Date: November 19, 2010

Page: 13 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

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

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

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

14  
15 **105.4.1.1 Examination of documents.** The building/fire official shall examine or cause to  
16 be examined the construction documents for code compliance.

17  
18 **105.4.2 Information on construction documents.** Construction documents shall be drawn and  
19 dimensioned upon suitable material. Construction documents shall be of sufficient clarity to  
20 indicate the location, nature and extent of the work proposed and show in detail that it will  
21 conform to the provisions of this code and relevant laws, ordinances, rules and regulations, as  
22 determined by the building/fire official.

23  
24 **105.4.2.1 Fire protection system shop drawings.** Shop drawings for the fire protections  
25 system(s) shall be submitted to indicate compliance with this code and the construction  
26 documents and shall be approved prior to the start of installation. Shop drawings shall  
27 contain all information as required by the referenced installation standards in Chapter 9

28  
29 **105.4.3 Applicant responsibility.** It shall be the responsibility of the applicant to ensure that  
30 the construction documents are approved with the intent that such construction documents  
31 comply in all respects with this code. Review and approval by the fire official shall not relieve  
32 the applicant of the responsibility of compliance with this code.

33  
34 **105.4.4 Approved documents.** Construction documents approved by the fire official are  
35 approved with the intent that such construction documents comply in all respects with this code.  
36 Review and approval by the fire official shall not relieve the applicant of the responsibility of  
37 compliance with this code.

38  
39 **105.4.4.1 Phased approval.** The fire official is authorized to issue a permit for the  
40 construction of part of a structure, system or operation before the construction documents for  
41 the whole structure, system or operation have been submitted, provided that adequate  
42 information and detailed statements have been filed complying with pertinent requirements

Date: November 19, 2010

Page: 14 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

1 of this code. The holder of such permit for parts of a structure, system or operation shall  
2 proceed at the holder's own risk with the building operation and without assurance that a  
3 permit for the entire structure, system or operation will be granted.  
4

5 **105.4.5 Corrected documents.** Where field conditions necessitate any substantial change from  
6 the approved construction documents, the fire official shall have the authority to require the  
7 corrected construction documents to be submitted for approval.  
8

9 **105.4.6 Retention of construction documents.** One (1) set of the construction documents shall  
10 be retained by the fire official until final approval of the work covered therein. One (1) set of  
11 approved construction documents shall be returned to the applicant, and said set shall be kept on  
12 the site of the building or work at all times during which the work authorized thereby is in  
13 progress.  
14

15 **105.5 Revocation.** The fire official is authorized to revoke a permit or approval issued under the  
16 provisions of this code when it is found by inspection or otherwise that there has been a false  
17 statements or misrepresentations as to material fact in the application, data or construction  
18 documents on which the permit or approval was based including, but not limited to, any one of the  
19 following:

- 20 1. The permit is issued for a location or establishment other than for which it was issued.
- 21 2. The permit is used for a condition or activity other than that listed in the permit.
- 22 3. Conditions and limitations set forth in the permit have been violated.
- 23 4. There have been any false statements or misrepresentations as to the material fact in the  
24 application for permit or plans submitted or a condition of the permit.
- 25 5. The permit is used by a different person or firm than the name for which it was issued.
- 26 6. The permittee failed, refused or neglected to comply with orders or notices duly served in  
27 accordance with the provisions of this code within the time provided therein.
- 28 7. The permit was issued in error or in violation of an ordinance, regulation or this code.
- 29 8. An owner is convicted by a court of competent jurisdiction twice within a twelve month  
30 period of being in violation of the same code provision on the same building, structure or  
31 premises.  
32

33 **105.5.1 Suspension or revocation.** The fire official is authorized to suspend or revoke a permit  
34 issued under the provisions of this code whenever the permit is issued in error or on the basis of  
35 incorrect, inaccurate, or incomplete information, or in violation of any ordinance or regulation or  
36 any of the provisions of this code.  
37

38 **105.6.2 Revocation of permits.** The fire official shall be permitted to revoke a permit or  
39 approval issued under the provisions of this code in case of any false statement or  
40 misrepresentation of fact in the application or on the construction documents on which the  
41 permit or approval was based. The fire official shall be permitted to revoke or suspend a permit  
42 upon discovery of substantial non-compliance with this code or any applicable city ordinance.

Date: November 19, 2010

Page: 15 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

1 Permits shall be revoked for non-payment of fees.  
2  
3

4 **105.6 Required operational permits.** The fire official is authorized to issue operational permits  
5 for the operations set forth in Sections 105.6.1 through 105.6.46.  
6

7 **105.6.1 Aerosol products.** An operational permit is required to manufacture, store or handle an  
8 aggregate quantity of Level 2 or Level 3 aerosol products in excess of five hundred (500) pounds  
9 net weight. These permits shall be enforced by the City of Saint Louis Fire Department. See  
10 Chapter 28.  
11

12 **105.6.2 Amusement buildings.** An operational permit is required to operate a special  
13 amusement building. As set forth in the Building Code, these permits shall be enforced by the  
14 Division of Building and Inspection, Fire Safety Unit.  
15

16 **105.6.3 Aviation facilities.** An operational permit is required to use a Group H or Group S  
17 occupancy for aircraft servicing or repair and aircraft fuel-servicing vehicles. Additional permits  
18 required by other sections of this code include, but are not limited to, hot work, hazardous  
19 materials and flammable or combustible finishes. These permits shall be enforced by the City of  
20 Saint Louis Fire Department. See Chapter 11.  
21

22 **105.6.4 Carnivals and fairs.** An operational permit is required to conduct a carnival or fair. As  
23 set forth in the Building Code, these permits shall be enforced by the Division of Building and  
24 Inspection, Fire Safety Unit.  
25

26 **106.6.5 Cellulose nitrate film.** An operational permit is required to store, handle or use  
27 cellulose nitrate film in a Group A occupancy. These permits shall be enforced by the Division  
28 of Building and Inspection, Fire Safety Unit. See Section 306.  
29

30 **105.6.6 Combustible dust-producing operations.** An operational permit is required to operate  
31 a grain elevator, flour starch mill, feed mill, or a plant pulverizing aluminum, coal, cocoa,  
32 magnesium, spices or sugar, or other operations producing combustible dusts as defined in  
33 Chapter 2. These permits shall be enforced by the City of Saint Louis Fire Department. See  
34 Chapter 13.  
35

36 **105.6.7 Combustible fibers.** An operational plant is required for the storage and handling of  
37 combustible fibers in quantities greater than one hundred (100) cubic feet. These permits shall  
38 be enforced by the Division of Building and Inspection, Fire Safety Unit. See Chapter 29.  
39

40  
41 **105.6.8 Compressed gases.** An operational permit is required for the storage, use or handling at  
42 normal temperatures and pressure (NTP) of compressed gases in excess of the amounts listed in

Date: November 19, 2010

Page: 16 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

1 Table 105.6.8. These permits shall be enforced by the City of Saint Louis Fire Department. See  
2 Chapter 30.

3 **Exception:** Vehicles equipped for and using compressed gas as a fuel for propelling the  
4 vehicle.  
5

**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 m<sup>3</sup>.

6  
7 **105.6.9 Covered mall buildings.** An operational permit is required for:

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

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

14 **105.6.10 Cryogenic fluids.** An operational permit is required to produce, store, transport on  
15 site, use, handle or dispense cryogenic fluids in excess of the amounts listed in Table 105.6.10.

16 These permits shall be enforced by the City of Saint Louis Fire Department. See Chapter  
17 32.

18 **Exception:** Permits are not required for vehicles equipped with and using cryogenic fluids as  
19 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 cubic foot = 0.02832 m<sup>3</sup>.

2  
3 **105.6.11 Cutting and welding.** An operational permit is required to conduct cutting or welding  
4 operations. These permits shall be enforced by the City of Saint Louis Fire Department. See  
5 Chapter 26. Permit fees shall be as established in Table 113.1.

6  
7 **105.6.12 Dry cleaning plants.** An operational permit is required to engage in the business of  
8 dry cleaning or to change to a more hazardous cleaning solvent used in existing dry cleaning  
9 equipment. These permits shall be enforced by the Division of Building and Inspection, Fire  
10 Safety Unit. See Chapter 12.

11  
12 **105.6.13 Exhibits and trade shows.** An operational permit is required to operate exhibits and  
13 trade shows. These permits shall be enforced by the Division of Building and Inspection, Fire  
14 Safety Unit.

15  
16 **105.6.14 Explosives.** An operational permit is required for the manufacture, storage, handling,  
17 sale or use of any quantity of explosive, explosive material, fireworks, or pyrotechnic special  
18 effects within the scope of Chapter 33. These permits shall be enforced by the City of Saint  
19 Louis Fire Department. Permit fees shall be as established in Table 113.1.

20  
21 **105.6.16 Fire hydrants and valves.** An operational permit is required to use or operate fire  
22 hydrants or valves intended for fire suppression purposes which are installed on water systems  
23 and accessible to a fire apparatus access road that is open or generally used by the public. These  
24 permits shall be enforced by the City of Saint Louis Fire Department. See Section 507.

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

1  
2 **105.6.16 Flammable and combustible liquids.** An operational permit is required:

- 3 1. To use or operate a pipeline for the transportation within facilities of flammable or  
4 combustible liquids. This requirement shall not apply to off-site transportation in  
5 pipelines regulated by the Department of Transportation (DOTn) nor does it apply to  
6 piping systems.
- 7 2. To store, handle or use Class I liquids in excess of five (5) gallons in a building or in  
8 excess of ten(10) gallons outside of a building, except that a permit is not required for  
9 the following:
- 10 2.1. The storage or use of Class I liquids in the fuel tank of a motor vehicle, aircraft,  
11 motorboat, mobile power plant or mobile heating plant, unless such storage, in  
12 the opinion of the code official, would cause an unsafe condition.
- 13 2.2. The storage or use of paints, oils, varnishes or similar flammable mixtures when  
14 such liquids are stored for maintenance, painting or similar purposes for a period  
15 of not more than thirty (30) days.
- 16 3. To store, handle or use Class II or Class IIIA liquids in excess of twenty-five (25)  
17 gallons in a building or in excess of sixty (60) gallons outside a building, except for fuel  
18 oil used in connection with oil-burning equipment.
- 19 4. To store, handle or use Class IIIB liquids in tanks or portable tanks for fueling motor  
20 vehicles at motor fuel-dispensing facilities or where connected to fuel-burning  
21 equipment.
- 22 **Exception:** Fuel oil and used motor oil used for space heating or water heating.
- 23 5. To remove Class I or Class II liquids from an underground storage tank used for fueling  
24 motor vehicles by any means other than the approved, stationary on-site pumps normally  
25 used for dispensing purposes.
- 26 6. To operate tank vehicles, equipment, tanks, plants, terminals, wells, fuel-dispensing  
27 stations, refineries, distilleries and similar facilities where flammable and combustible  
28 liquids are produced, processed, transported, stored, dispensed or used.
- 29 7. To place temporarily out of service (for more than ninety (90) days) an underground,  
30 protected above-ground or above-ground flammable or combustible liquid tank.
- 31 8. To change the type of contents stored in a flammable or combustible liquid tank to a  
32 material which poses a greater hazard than that for which the tank was designed and  
33 constructed.
- 34 9. To manufacture, possess, blend or refine flammable or combustible liquids.
- 35 10. To engage in the dispensing of liquid fuels into the fuel tanks of motor vehicles at  
36 commercial, industrial, governmental or manufacturing establishments.
- 37 11. To utilize a site for the dispensing of liquid fuels from tank vehicles into the fuel tanks of  
38 motor vehicles, marine craft and other special equipment at commercial, industrial,  
39 governmental or manufacturing establishments.

40 These permits shall be enforced by the City of Saint Louis Fire Department. See Chapter 34.  
41 Permit fees shall be as established in Table 113.1.  
42

Date: November 19, 2010

Page: 19 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

1 **105.6.17 Floor finishing.** An operational permit is required for floor finishing or surfacing  
 2 operations exceeding three hundred fifty (350) square feet using Class I or Class II liquids.  
 3 These permits shall be enforced by the Division of Building and Inspection, Fire Safety Unit.  
 4

5 **105.6.18 Fruit and crop ripening.** An operational permit is required to operate a fruit-, or crop-  
 6 ripening facility or conduct a fruit-ripening process using ethylene gas. These permits shall be  
 7 enforced by the City of Saint Louis Health Department. See Chapter 16.  
 8

9 **105.6.19 Fumigation and thermal insecticide fogging.** An operational permit is required to  
 10 operate a business of fumigation or thermal insecticide fogging and to maintain a room, vault or  
 11 chamber in which a toxic or flammable fumigant is used. These permits shall be enforced by the  
 12 City of Saint Louis Health Department. See Chapter 17.  
 13

14 **105.6.20 Hazardous materials.** An operational permit is required to store, transport on site,  
 15 dispense, use or handle hazardous materials in excess of the amounts listed in Table 105.6.21.  
 16 These permits shall be enforced by the City of Saint Louis Fire Department. See Chapter 27.  
 17

**TABLE 105.6.20  
 PERMIT AMOUNTS FOR HAZARDOUS MATERIALS**

<b>TYPE OF MATERIAL</b>	<b>AMOUNT</b>
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	See Section 105.6.8  Any Amount 1 gallon <sup>a</sup> 10 gallons 55 gallons Any amount

Date: November 19, 2010

Page: 20 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

Class 3 Class 2 Class 1	10 pounds <sup>b</sup> 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 Solids Class 3 Class 2 Class 1	Any Amount 5 gallons 55 gallons Any Amount 50 pounds 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.

1 **105.6.21 HPM facilities.** An operational permit is required to store, handle or use hazardous  
2 production materials. These permits shall be enforced by the City of Saint Louis Fire  
3 Department. See Chapter 18.  
4

5 **105.6.22 High-piled storage.** An operational permit is required to use a building or portion  
6 thereof as a high-piled storage area exceeding five hundred (500) square feet. These permits  
7 shall be enforced by the Division of Building and Inspection, Fire Safety Unit. See Chapter 23.  
8

9 **105.6.23 Hot work operations.** An operational permit is required for hot work including, but  
10 not limited to:

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

13 **Exception:** Work that is conducted under a construction permit.

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

23 These permits shall be enforced by the City of Saint Louis Fire Department.  
24

25 **105.6.24 Industrial ovens.** An operational permit is required for operation of industrial ovens  
26 regulated by Chapter 21. These permits shall be enforced by the City of Saint Louis Health  
27 Department.  
28

29 **105.6.25 Lumber yards and woodworking plants.** An operational permit is required for the  
30 storage or processing of lumber exceeding one hundred thousand (100,000) board feet. These  
31 permits shall be enforced by the Division of Building and Inspection, Fire Safety Unit. See  
32 Chapter 19.  
33

34 **105.6.26 Liquid- or gas-fueled vehicles or equipment in assembly buildings.** An operational  
35 permit is required to display, operate or demonstrate liquid- or gas-fueled vehicles or equipment  
36 in assembly buildings. These permits shall be enforced by the Division of Building and  
37 Inspection, Fire Safety Unit. See Chapter 24.  
38

39 **105.6.27 LP-gas.** An operational permit is required for:

- 40 1. Storage and use of LP-gas.

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

Date: November 19, 2010

Page: 22 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

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

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

4  
5           **105.6.28 Magnesium.** An operational permit is required to melt, cast, heat treat or grind more  
6           than ten (10) pounds of magnesium. These permits shall be enforced by the City of Saint Louis  
7           Fire Department. See Chapter 36.

8  
9           **105.6.29 Miscellaneous combustible storage.** An operational permit is required to store in any  
10          building or upon any premises in excess of two thousand five hundred (2,500) cubic feet gross  
11          volume of combustible empty packing cases, boxes, barrels or similar containers, rubber tires,  
12          rubber, cork or similar combustible materials. These permits shall be enforced by the Division  
13          of Building and Inspection, Fire Safety Unit. See Section 315.

14  
15          **105.6.30 Open burning.** An operational permit is required for the kindling or maintaining of an  
16          open fire or afire on any public street, alley, road, or other public or private ground. Instructions  
17          and stipulations of the permit shall be adhered to. These permits shall be enforced by the  
18          Division of Building and Inspection, Fire Safety Unit. See Section 307.

19          **Exception:** Recreational fires.

20  
21          **105.6.31 Open flames and torches.** An operational permit is required to remove paint with a  
22          torch; or to use a torch or open-flame device in a wildfire risk area. These permits shall be  
23          enforced by the Division of Building and Inspection, Fire Safety Unit. See Section 308.

24  
25          **105.6.32 Open flames and candles.** An operational permit is required to use open flames or  
26          candles in connection with assembly areas, dining areas of restaurants or drinking  
27          establishments. These permits shall be enforced by the Division of Building and Inspection, Fire  
28          Safety Unit. See section 308.

29          **105.6.33 Organic coatings.** An operational permit is required for any organic-coating  
30          manufacturing operation producing more than 1 gallon (4 L) of an organic coating in one day.  
31          These permits shall be enforced by the City of Saint Louis Fire Department. See Chapter 20.  
32          Permit fees shall be as established in Table 113.1.

33  
34          **105.6.34 Places of assembly.** An operational permit is required to operate a place of assembly.  
35          These permits shall be enforced as set forth in the Building Code by the Division of Building and  
36          Inspection, Fire Safety Unit.

37  
38          **105.6.35 Private fire hydrants.** An operational permit is required for the removal from service,  
39          use or operation of private fire hydrants. These permits shall be enforced by the Division of  
40          Building and Inspection Plumbing Section.

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

Date: November 19, 2010

Page: 23 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

1  
2 **105.6.36 Pyrotechnical special effects material.** An operational permit is required for use and  
3 handling of pyrotechnic special effects material. These permits shall be enforced by the City of  
4 Saint Louis Fire Department. See Chapter 33.

5  
6 **105.6.37 Pyroxylin plastics.** An operational permit is required for storage or handling of more  
7 than twenty-five (25) pounds of cellulose nitrate (pyroxylin) plastics and for the assembly or  
8 manufacture of articles involving pyroxylin plastics. These permits shall be enforced by the City  
9 of Saint Louis Fire Department. See Chapter 42.

10  
11 **105.6.38 Refrigeration equipment.** An operational permit is required to operate a mechanical  
12 refrigeration unit or system regulated by Chapter 6. These permits shall be enforced by the  
13 Division of Building and Inspection, Mechanical Inspection Section. See Chapter 6.

14  
15 **105.6.39 Repair garages and motor fuel-dispensing facilities.** An operational permit is  
16 require for operation of repair garages and automotive, marine and fleet motor fuel-dispensing  
17 facilities. As set forth in the Building Code, these permits shall be enforced by the Division of  
18 Building and Inspection, Fire Safety Unit. See Chapter 22.

19  
20 **105.6.40 Rooftop heliports.** An operational permit is required for the operation of a rooftop  
21 heliport. As set forth in the Building Code, these permits shall be enforced by the Division of  
22 Building and Inspection, Fire Safety Unit. See Chapter 11.

23  
24 **105.6.41 Spraying or dipping.** An operational permit is required to conduct a spraying or  
25 dipping operation utilizing flammable or combustible liquids or the application of combustible  
26 powders regulated by Chapter 15. These permits shall be enforced by the Division of Building  
27 and Inspection, Mechanical Inspection Section.

28 **105.6.42 Storage of scrap tires and tire byproducts.** An operational permit is required to  
29 establish, conduct or maintain storage of scrap tires and tire byproducts that exceeds two  
30 thousand five hundred (2,500) cubic feet of total volume of scrap tires and for indoor storage of  
31 tires and tire byproducts. These permits shall be enforced by the City of Saint Louis Fire  
32 Department. See Chapter 25.

33  
34 **105.6.43 Temporary membrane structures, tents and canopies.** An operational permit is  
35 required to operate an air-supported temporary membrane structure or a tent having an area in  
36 excess of one thousand (1,000) square feet. These permits shall be enforced by the Division of  
37 Building and Inspection, Fire Safety Unit. See Chapter 24.

38 **Exceptions:**

- 39 1. Tents used exclusively for recreational camping purposes.  
40 2. Tents open on all sides which comply with all of the following:  
41 2.1 Individual tents having a maximum size of one thousand (1,000) square feet.  
42 2.2 The aggregate area of multiple tents placed side by side without a fire break

Date: November 19, 2010

Page: 24 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

1 clearance of ten (10) feet shall not exceed one thousand (1,000) square feet  
2 total.

3 2.3 A minimum clearance of ten (10) feet to structures and other tents shall be  
4 provided.  
5

6 **105.6.44 Tire-rebuilding plants.** An operational permit is required for the operation and  
7 maintenance of a tire-rebuilding plant. These permits shall be enforced by the City of Saint  
8 Louis Fire Department and the City of Saint Louis Health Department. See Chapter 25.  
9

10 **105.6.45 Waste handling.** An operational permit is required for the operation of wrecking  
11 yards, junk yards and waste material-handling facilities. These permits shall be enforced by the  
12 Division of Building and Inspection, Fire Safety Unit.  
13

14 **105.6.46 Wood products.** An operational permit is required to store chips, hogged material,  
15 lumber or plywood in excess of two hundred (200) cubic feet. These permits shall be enforced  
16 by the Division of Building and Inspection, Fire Safety Unit. See Chapter 19.  
17

18 **105.7 Required building permits.** The fire official is authorized to issue building permits for work  
19 as set forth in Sections 105.7.1 through 105.7.14.  
20

21 **105.7.1 Automatic fire-extinguishing systems.** A construction permit is required for  
22 installation of or modification to an automatic fire-extinguishing system. Maintenance  
23 performed in accordance with this code is not considered a modification and does not require a  
24 permit. These permits shall be enforced by the Division of Building and Inspection, Plumbing  
25 Inspection Section.  
26

27 **105.7.2 Battery systems.** A permit is required to install stationary storage battery systems  
28 having a liquid capacity of more than fifty (50) gallons. These permits shall be enforced by the  
29 Division of Building and Inspection, Electrical Inspection Section.  
30

31 **105.7.3 Compressed gases.** When the compressed gases in use or storage exceed the amounts  
32 listed in Table 105.6.8, a construction permit is required to install, repair damage to, abandon,  
33 remove, place temporarily out of service, or close or substantially modify a compressed gas  
34 system. These permits shall be enforced by the City of Saint Louis Fire Department.  
35

36 **Exceptions:**

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

40 **105.7.4 Cryogenic fluids.** A construction permit is required for installation of or alteration to  
41 outdoor stationary cryogenic fluid storage systems where the system capacity exceeds the  
42 amounts listed in Table 105.6.10. Maintenance performed in accordance with this code is not

Date: November 19, 2010

Page: 25 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

1 considered an alteration and does not require a construction permit. These permits shall be  
2 enforced by the City of Saint Louis Fire Department.

3  
4 **105.7.5 Fire alarm and detection systems and related equipment.** A construction permit is  
5 required for installation or modification to fire alarm and detection systems and related  
6 equipment. Maintenance performed in accordance with this code is not considered a  
7 modification and does not require a permit. These permits shall be enforced by the Division of  
8 Building and Inspection, Electrical Inspection Section.

9  
10 **105.7.6 Fire pumps and related equipment.** A construction permit is required for installation  
11 of or modification to fire pumps and related fuel tanks, jockey pumps, controllers, and  
12 generators. Maintenance performed in accordance with this code is not considered a  
13 modification and does not require a permit. These permits shall be enforced by the Division of  
14 Building and Inspection, Plumbing Inspection Section.

15  
16 **105.7.7 Flammable and combustible liquids.** A construction permit it required:

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

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

25  
26 **105.7.8 Hazardous materials.** A construction permit is required to install, repair damage to,  
27 abandon, remove, place temporarily out of service, or close or substantially modify a storage  
28 facility or other area regulated by Chapter 27 when the hazardous materials in use or storage  
29 exceed the amounts listed in Table 105.6.20. These permits shall be enforced by the City of  
30 Saint Louis Fire Department.

31 **Exceptions:**

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

35  
36 **105.7.9 Industrial ovens.** A construction permit is required for installation of industrial ovens  
37 covered by Chapter 21.

38 **Exceptions:**

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

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

Date: November 19, 2010

Page: 26 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

1  
2 **105.7.10 LP-gas.** A construction permit is required for installation of or modification to an LP-  
3 gas system. These permits shall be enforced by the City of Saint Louis Fire Department.  
4

5 **105.7.11 Private fire hydrants.** A construction permit is required for the installation or  
6 modification of private fire hydrants. These permits shall be enforced by the Division of  
7 Building and Inspection, Plumbing Inspection Section.  
8

9 **105.7.12 Spraying or dipping.** A construction permit is required to install or modify a spray  
10 room, dip tank or booth. These permits shall be enforced by the Division of Building and  
11 Inspection, Mechanical Inspection Section.  
12

13 **105.7.13 Standpipe system.** A construction permit is required for the installation, modification  
14 or removal from service of a standpipe system. Maintenance performed in accordance with this  
15 code is not considered a modification and does not require a permit. These permits shall be  
16 enforced by the Division of Building and Inspection, Plumbing Inspection Section.  
17

18 **105.7.12 Temporary membrane structures, tents and canopies.** A construction permit is  
19 required to erect an air-supported temporary membrane structure or a tent having an area in  
20 excess of 1,000 square feet. These permits shall be enforced by the Division of Building and  
21 Inspection, Fire Safety Unit.

22 **Exceptions:**

- 23 1. Tents used exclusively for recreational camping purposes.  
24 2. Funeral tents and curtains or extensions attached thereto, when used for funeral  
25 services.  
26 3. Tents and awnings open on all sides which comply with all of the following:  
27 3.1. Individual tents shall have a maximum size of one thousand (1,000) square  
28 feet.  
29 3.2. The aggregate area of multiple tents placed side by side without a fire break  
30 clearance of ten (10) feet shall not exceed one thousand (1,000) square feet  
31 total.  
32 3.3. A minimum clearance of ten (10) feet to structures and other tents shall be  
33 maintained.

1  
2 **SECTION 106**  
3 **INSPECTIONS**  
4

5 **106.1 Inspection authority.** Construction or work for which a permit is required shall be subject to  
6 inspection by the building/fire official and such construction or work shall remain accessible and  
7 exposed for inspection purposes until approved. Approval as a result of an inspection shall not be  
8 construed to be an approval of a violation of the provisions of this code or of other ordinances of the  
9 City of Saint Louis. Inspections presuming to give authority to violate or cancel the provisions of  
10 this code or of other ordinances shall not be valid. It shall be the duty of the permit applicant to  
11 cause the work to remain accessible and exposed for inspection purposes. Neither the building/fire  
12 official nor the City of Saint Louis shall be liable for expenses entailed in the removal or  
13 replacement of any material required to allow inspection.  
14

15 **106.2 Inspections.** The fire official is authorized to conduct such inspections as are deemed  
16 necessary to determine the extent of compliance with the provisions of this code and to approve  
17 reports of inspection by approved agencies or individuals. All reports of inspections shall be  
18 prepared and submitted in writing for review and approval. Inspection reports must be certified by a  
19 responsible officer of such approved agency or by the responsible individual. The fire official is  
20 authorized to engage such expert opinion as deemed necessary to report upon unusual, detailed or  
21 complex technical issues subject to the approval of the governing body.  
22

23 **106.2.1 Inspection requests.** It shall be the duty of the holder of the permit or their duly  
24 authorized agent to notify the fire official when work is ready for inspection. It shall be the duty  
25 of the permit holder to provide access to and means for inspections of such work that are  
26 required by this code.  
27

28 **106.3 Authority to enter.** The fire official shall have the authority to enter at any reasonable hour  
29 any building, structure or premises in the City of Saint Louis for which a permit has been issued but  
30 has not received a certificate of occupancy in accordance with Section 104.3 to enforce the  
31 provisions of this code or any other code or ordinance of the City of Saint Louis. No person shall  
32 accompany a building official onto a premises in the performance of their duty unless otherwise  
33 invited onto said premises by the owner or the owner's representative.

34 For all other structures or premises, when the building official has reasonable cause to believe  
35 that a code violation exists, the building official is authorized to enter the building, structure or  
36 premises at reasonable times to inspect subject to constitutional restrictions on unreasonable  
37 searches and seizures. If entry is refused or not obtained, the building official is authorized to  
38 pursue recourse as provided by law.  
39

40 **106.4 Concealed work.** It shall be the duty of the permit applicant to cause the work to remain  
41 accessible and exposed for inspection purposes. Whenever any installation subject to inspection  
42 prior to use is covered or concealed without having first been inspected, the fire official shall have

Date: November 19, 2010

Page: 28 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

1 the authority to require that such work be exposed for inspection. Neither the fire official nor the  
2 jurisdiction shall be liable for expense entailed in the removal or replacement of any material  
3 required to allow inspection.  
4

5  
6 **SECTION 107**  
7 **MAINTENANCE**  
8

9 **107.1 Maintenance of safeguards.** Whenever of wherever any device, equipment, system,  
10 condition, arrangement, level of protection, or any other feature is required for compliance with the  
11 provisions of this code, or otherwise installed, such device, equipment, system, condition,  
12 arrangement, level of protection, or any other feature shall thereafter be continuously maintained in  
13 accordance with this code and applicable reference standards.  
14

15 **107.2 Testing and operation.** Equipment requiring periodic testing or operation to ensure  
16 maintenance shall be tested or operated as specified in this code.  
17

18 **107.2.1 Testing and inspection records.** Required test and inspection records shall be available  
19 to the fire official at all times or such records as the fire official designates shall be filed with the  
20 fire official.  
21

22 **107.2.2 Reinspection and testing.** When any work or installation does not pass an initial test or  
23 inspection, the necessary corrections shall be made so as achieve compliance with this code.  
24 The work or installation shall then be resubmitted to the fire official for inspection and testing.  
25

26 **107.3 Supervision.** Maintenance and testing shall be under the supervision of a responsible person  
27 who shall ensure that such maintenance and testing are conducted at specified intervals in  
28 accordance with this code.  
29

30 **107.4 Rendering equipment inoperable.** Portable or fixed fire-extinguishing systems or devices  
31 and fire-warning systems shall not be rendered inoperative or inaccessible except as necessary  
32 during emergencies, maintenance, repairs, alterations, drills or prescribed testing.  
33

34 **107.5 Owner/occupant responsibility.** Correction and abatement of violations of this code shall be  
35 the responsibility of the owner. If an occupant creates, or allows to be created, hazardous conditions  
36 in violation of this code, the occupant shall be held responsible for the abatement of such hazardous  
37 conditions.  
38

39 **107.6 Overcrowding.** Overcrowding or admittance of any person beyond the approved capacity of  
40 a building or portion thereof shall not be allowed. The fire official, upon finding any overcrowding  
41 conditions or obstructions in aisles, passageways or other means of egress, or upon finding any  
42 condition which constitutes a life safety hazard, shall be authorized to cause the event to be stopped

Date: November 19, 2010

Page: 29 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

1 until such condition or obstruction is corrected.  
2  
3

4 **SECTION 108**  
5 **MEANS OF APPEAL**  
6

7 **108.1 General.** Any person aggrieved by a decision of the fire official may appeal said decision to  
8 the Board of Building Appeals.  
9

10 **108.2 Appeals to stay proceedings; exceptions.** Appeals shall stay all proceedings in furtherance  
11 of the action appealed from, unless the building official or fire official whichever shall be the case,  
12 certifies to the Board of Building Appeals, after the notice of appeal has been filed, that by reason of  
13 the facts stated in the certificate, a stay would, in their opinion, cause imminent peril to life or  
14 property. Proceedings shall not be stayed other than by restraining order.  
15

16 **SECTION 109**  
17 **VIOLATIONS**  
18

19  
20 **109.1 Unlawful acts.** It shall be unlawful for a person, firm or corporation to erect, construct, alter,  
21 repair, remove, demolish or utilize a building, occupancy, premises or system regulated by this code,  
22 or cause same to be done, in conflict with or in violation of any of the provisions of this code or any  
23 decision or order of the Board of Building Appeals.  
24

25 **109.2 Notice of violation.** Whenever the fire official finds a building, premises, vehicle, storage  
26 facility or outdoor area that is in violation of this code, the fire official is authorized to prepare a  
27 written notice of violation describing the condition deemed unsafe and, when compliance is not  
28 immediate, specifying a time for reinspection.  
29

30 **109.2.1 Service.** The fire official is authorized to serve a notice of violation or order on the  
31 owner, as shown in the records of the City of Saint Louis Assessor's Office, or person  
32 responsible for the erection, construction, alteration, extension, repair, moving, removal,  
33 demolition, use or occupancy of a building, structure or premises in violation of the provisions of  
34 this code, or in violation of a detail statement or construction documents approved thereunder, or  
35 in violation of a permit or certificate issued under the provisions of this code. Such order shall  
36 direct the discontinuance of the illegal action or condition and the abatement of the violation.  
37 Such notice shall be permitted to be served by the United States mail. Posting of the premises  
38 shall also constitute notice. It shall be a violation of this code for any person to remove any such  
39 notice, lawfully posted pursuant to this code, unless otherwise ordered by the fire official.  
40

41 **109.2.2 Compliance with orders and notices.** A notice of violation issued or served as  
42 provided by this code shall be complied with by the owner, operator, occupant or other person

Date: November 19, 2010

Page: 30 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

1 responsible for the condition or violation to which the notice of violation pertains.  
2

3 **109.2.3 Prosecution of violation.** If the notice of violation is not complied with promptly, the  
4 fire official is authorized to request the legal counsel of the City of Saint Louis to institute the  
5 appropriate proceeding at law or in equity to restrain, correct or abate such violation, or to  
6 require the removal or termination of the unlawful occupancy of the building, structure or  
7 premises in violation of the provisions of this code or of the order or direction made pursuant  
8 thereto.  
9

10 **109.3 Violation penalties.** Any person who violates a provision of this code or fails to comply with  
11 any of the requirements thereof or who erects, constructs, alters or repairs a building or structure in  
12 violation of the approved construction documents or directive of the fire official, or of a permit or  
13 certificate issued under the provisions of this code, shall be subject to penalties as prescribed in  
14 Section Four.  
15

16 **109.4 Abatement of violation.** The imposition of penalties as set forth in Section Four shall not  
17 preclude the legal officer of the City of Saint Louis from instituting appropriate action to prevent  
18 unlawful construction or to restrain, correct or abate a violation, or to prevent illegal occupancy of a  
19 building, structure or premises, or to stop an illegal act, conduct business or use of a building or  
20 structure on or about any premises.  
21

## 22

## 23 SECTION 110

## 24 UNSAFE BUILDINGS

## 25

26 **110.1 General.** If during the inspection of a premises, a building or structure or any building system,  
27 in whole or in part, constitutes a clear and inimical threat to human life, safety or health, the fire  
28 official shall issue such notice or orders to remove or remedy the conditions as shall be deemed  
29 necessary in accordance with this section and shall refer the building to the Division of Building and  
30 Inspection for any repairs, alterations, remodeling, removing or demolition required.  
31

32 **110.1.1 Unsafe conditions.** Structures or existing equipment that are or hereafter become  
33 unsafe or deficient because of inadequate means of egress or which constitute a fire hazard, or  
34 are otherwise dangerous to human life or the public welfare, or which involve illegal or improper  
35 occupancy or inadequate maintenance, shall be deemed an unsafe condition. A vacant structure  
36 which is not secured against unauthorized entry as required by Section 311 shall be deemed  
37 unsafe.  
38

39 **110.1.2 Structural hazards.** When an apparent structural hazard is caused by the faulty  
40 installation, operation or malfunction of any of the items or devices governed by this code, the  
41 fire official shall immediately notify the building official in accordance with Section 110.1.  
42

Date: November 19, 2010

Page: 31 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

1 **110.2 Evacuation.** The fire official or the fire department official in charge of an incident shall be  
2 authorized to order the immediate evacuation of any occupied building deemed unsafe when such  
3 building has hazardous conditions that present imminent danger to building occupants. Persons so  
4 notified shall immediately leave the structure or premises and shall not enter or re-enter until  
5 authorized to do so by the fire official or the fire department official in charge of the incident.  
6

7 **110.3 Summary abatement.** Where conditions exist that are deemed hazardous to life and  
8 property, the code official or fire department official in charge of the incident is authorized to abate  
9 summarily such hazardous conditions that are in violation of this code.  
10

11 **110.4 Abatement.** The owner, operator, or occupant of a building or premises deemed unsafe by the  
12 fire official shall abate or cause to be abated or corrected such unsafe conditions either by repair,  
13 rehabilitation, demolition, or other approved corrective action.  
14

15  
16 **SECTION 111**  
17 **STOP WORK ORDER**  
18

19 **111.1 Order.** Whenever the fire official finds any work regulated by this code being performed in a  
20 manner contrary to the provisions of this code or in a dangerous or unsafe manner, the fire official is  
21 authorized to issue a stop work order.  
22

23 **111.2 Issuance.** The work order shall be in writing and shall be given to the owner of the property  
24 involved, or to the owner's agent, or to the person doing the work. Upon issuance of a stop work  
25 order, the cited work shall immediately cease. The stop work order shall state the reason for the  
26 order, and the conditions under which the cited work will be permitted to resume.  
27

28 **111.3 Emergencies.** When an emergency exists, the fire official shall not be required to give a  
29 written notice prior to stopping the work.  
30

31 **111.4 Unlawful continuance.** Any person who shall continue any work in or about the building,  
32 structure or premises after having been served with a stop work order, except such work as they are  
33 directed to perform to remove a violation or unsafe condition, shall, upon conviction thereof, be  
34 subject to the penalties as set forth in Section Four. Each day that a violation continues shall  
35 constitute a separate and distinct offense.  
36

37  
38 **SECTION 112**  
39 **SERVICE UTILITIES**  
40

41 **112.1 Authority to disconnect service utilities.** The fire official shall have the authority to  
42 authorize disconnection of utility service to the building, structure or system in order to safely

Date: November 19, 2010

Page: 32 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

1 execute emergency operations or to eliminate an immediate hazard. The fire official shall notify the  
2 serving utility and, whenever possible, the owner and occupant of the building, structure or service  
3 system of the decision to disconnect prior to taking such action if not notified prior to disconnection.

4 The owner or occupant of the building, structure or service system shall be notified in writing as  
5 soon as practical thereafter.  
6

7  
8 **SECTION 113**  
9 **FEES**

10  
11 **113.1 General.** No permit, certificate or inspection report, as required by the provisions of this  
12 code, shall be released or issued until the fees listed in this section have been paid to the City of  
13 Saint Louis, as collected by the fire official or designated representative; nor shall an amendment to  
14 a permit be released until the additional fees have been paid. In collecting said fees, the fire official  
15 is authorized to accept personal checks as payment; however, non-payment by said checking account  
16 shall be considered as a violation of this code and is cause for suspension or revocation of permits,  
17 certificates or reports issued or released for such personal check payment. If a permit is suspended  
18 or revoked for non-payment of a fee, or for insufficient funds, an additional twenty-five dollars (\$25)  
19 shall be collected to cover administrative costs.  
20

21 **113.1.1 Payment of fees:** A permit shall not be issued until the designated fees listed in Table  
22 113.1 have been paid. The payment of these fees shall not relieve the applicant or holder of any  
23 permit from the payment of other fees or from obtaining other required permits which may be  
24 prescribed by ordinance such as building permits, Board of Public Service permits, plumbing  
25 permits, fees for water and sewer connections, electrical permits, or fees for other inspections  
26 and privileges.

**Table 113.1**  
**PERMIT FEES AND REQUIREMENTS<sup>a</sup>**

Section	Description	Permit Fee	Duration <sup>b</sup>
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  To transport One vehicle Other vehicles	\$50.00 \$50.00  \$30.00 \$15.00	   per event per event
3401.4	Flammable and combustible liquids - storage, handling, use, processing		

Date: November 19, 2010

Page: 33 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

**Table 113.1**  
**PERMIT FEES AND REQUIREMENTS<sup>a</sup>**

Section	Description	Permit Fee	Duration <sup>b</sup>
	Storage Vaults	\$50.00 <sup>c</sup>	
3401.4	Flammable and combustible liquids - tanks and equipment (per tank) To abandon, install or remove To repair any tank piping or pumps To clean	\$ 50.00 \$ 40.00 \$ 40.00	as required as required as required
3801.2	Liquefied petroleum gases Any quantity for exhibits, demonstrations, picnics, and carnivals (for duration of event or performance applied for.)  Bulk installation  Use on construction site	\$50.00  \$50.00 <sup>c</sup>  \$100.00	per event  per vessel  per heating season
2001.2	Organic coatings Use of more than one gallon per day	\$50.00 <sup>c</sup>	
2601.2	Welding or cutting Individual site City wide	\$40.00 \$60.00	each operation 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.

1  
 2 **113.2 Final inspection and testing fees.** Fees for the testing of underground storage tanks and  
 3 piping and fire detection and extinguishing equipment as required by this code are listed in Table  
 4 113.2.  
 5

**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	917.2	Acceptance testing
To conduct test for fire fighting foam equipment	\$ 50.00	918.3	Acceptance testing
Final inspection of sprinkler or standpipe installation	\$ 200.00	918.3	See also Section 907.9.7
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	918.3	See also Section 918.1.3; Individual devices without annunciator panel.
Final inspection of fire alarm or fire detection systems	\$ 200.00	918.3	See also Section 918.1.3; Systems with annunciator panel.

1  
2 **113.3 Certificate of fitness or competency:** All fees for certificates of fitness, registration or  
3 competency as required by Section 915.4, 916.4, 3301.3, 3310.6 or 3409.6.3 of this code shall be as  
4 specified by Table 113.3  
5

**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	\$ 60.00	1 Year	3409.6.3	Underground storage systems, underground

Date: November 19, 2010

Page: 35 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

**Table 113.3  
FEES FOR CERTIFICATE OF FITNESS, REGISTRATION OR COMPETENCY**

Item	Fee for certificate	Duration of certificate	Detail requirements See section	Remarks
liquid tanks				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.

1  
2  
3  
4  
5  
6

**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 <sup>a</sup>	\$200.00
Nursery school and children's homes, day care centers and similar uses <sup>a</sup>	\$200.00
Dance hall permits Initial Inspection <sup>b</sup>	\$ 200.00
Annual Inspection <sup>b</sup>	\$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

7  
8  
9

**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

Date: November 19, 2010

Page: 36 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

1 fees applicable shall be increased by the amount as listed in Table 113.4. The payment of said  
2 surcharge fee shall not relieve any persons from fully complying with the requirements of this code  
3 for performance or execution of the work, nor from other penalties prescribed by law.  
4

**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

5  
6 **113.6 Related fees.** The payment of fees for the construction, alteration, removal or demolition for  
7 work done in connection with or concurrently with the work authorized by a building permit shall  
8 not relieve the applicant or holder of the permit from the payment of other fees that are prescribed by  
9 law.

10  
11 **113.7 Fees non-refundable.** The fee for a permit based upon an estimated cost that is higher than  
12 later claimed by the applicant shall not be a basis for refund. When construction does not occur, or  
13 only partially occurs, fees collected are not refundable.

14  
15 *Modify SECTION 202 DEFINITIONS by the addition or changing of definitions to read as*  
16 *follows:*

17  
18 **FIRE OFFICIAL or FIRE CODE OFFICIAL.** The Division of Building and Inspection, Fire  
19 Safety Unit of the City of Saint Louis, or a duly authorized representative.

20  
21 **LICENSED DESIGN PROFESSIONAL.** An individual who is licensed to practice their  
22 respective design profession as defined by Chapter 327 of the Revised Statutes of the State of  
23 Missouri.

24  
25 **LICENSED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE.** A licensed design  
26 professional engaged by the owner to review and coordinate certain aspects of the project, as  
27 determined by the building official, for compatibility with the design of the building or structure,

Date: November 19, 2010

Page: 37 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

1 including submittal documents prepared by others, deferred submittal documents and phased  
2 submittal documents.

3  
4 **REGISTERED DESIGN PROFESSIONAL - same as LICENSED DESIGN PROFESSIONAL.**

5  
6 **REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE - same as**  
7 **LICENSED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE.**

8  
9 *Add Sections 609.4 and 609.5 to read as follows:*

10  
11 **609.4 Permit required.** A permit shall be obtained from the building official prior to the  
12 installation or alteration of any commercial kitchen exhaust system or hood suppression system.

13  
14 **609.5 System discharge.** When a commercial kitchen exhaust suppression system discharges, the  
15 commercial cooking appliances shall not be operated until the suppression system has been  
16 recharged and placed back in service. When the system is recharged, it shall be tested and inspected  
17 in accordance with the appropriate section of Chapter 6.

18  
19 *Change Section 907.5.2 to read as follows:*

20  
21 **907.9.5 Maintenance, inspection and testing.** The building owner shall be responsible to  
22 maintain the fire and life safety systems in an operable condition at all times. Service personnel  
23 shall meet the qualification requirements of NFPA 72 for maintaining, inspecting and testing  
24 such systems. A written record shall be maintained and shall be forwarded to the fire official  
25 immediately upon completion of the tests and inspections.

26  
27 *Add Sections 907.9.6 and 907.9.7 to read as follows:*

28  
29 **907.9.6 Central station supervision.** All companies engaged in the business of offering  
30 sprinkler and fire detection system supervisory service shall, upon completion of inspection and  
31 test of sprinkler systems and fire detection systems under their contracts, forward to the fire  
32 official a written report of the results of such test and serviceability of such sprinkler systems  
33 and fire detection systems. Their reports shall contain but not be limited to the following  
34 information:

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

41  
42 **907.9.7 Fees.** A fee shall be assessed by the fire official to witness the acceptance test for

Date: November 19, 2010

Page: 38 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young



1  
2 **915.6.1 Liability.** At the time of application for a Certificate of Registration to service portable  
3 fire extinguishers or fixed extinguishing systems, the applicant must furnish a certificate of  
4 insurance in an amount as determined by the fire official.  
5

6 **915.6.2 Issue.** If the fire official finds after reviewing the applicant's record that the granting or  
7 renewing of a Certificate of Registration would not be contrary to public safety and welfare, the  
8 fire official shall issue or renew such Certificate of Registration authorizing the firm to engage in  
9 the business of installing and servicing portable fire extinguishers and fixed extinguishing  
10 systems, provided the requisite fee has been paid. The fire official shall give each Certificate of  
11 Registration an identifying number.  
12

13 **915.6.3 Renewal of certificate.** Application for renewal of a Certificate of Registration shall be  
14 made annually in accordance with detailed procedures to be followed.  
15

16 **915.6.4 Revocation.** After a hearing is conducted as hereinafter provided, the fire official may  
17 either refuse to issue or renew, or may suspend or revoke any Certificate of Registration for any  
18 of the following causes:

- 19 1. Violation - Any violation as listed in Section 915.5.
- 20 2. Misrepresentation - Having obtained or having attempted to obtain a Certificate of  
21 Registration by fraudulent misrepresentation.
- 22 3. Incompetency - Malpractice or incompetency in fire extinguisher sales or servicing.
- 23 4. False Advertising - Advertising fire extinguisher sale or servicing by means of  
24 knowingly false or deceptive statements.
- 25 5. Fee Not Paid - Failure to pay the original or annual renewal Certificate of Registration  
26 fee provided in these regulations.
- 27 6. Violation of Rules - Violation of any provision of this section as formulated and  
28 administered by the fire official or violation of any provision of these regulations.  
29

30 **915.6.5 Record.** The fire official shall keep a list of the names, addresses and Certificate of  
31 Registration numbers issued to each firm under these regulations.  
32

33 **915.6.6 Public review.** The record of all numbers of Certificates of Registration shall be  
34 available for review by any person desiring to review same.  
35

36 **915.7 Tagging of serviced portable fire extinguishers or fixed extinguishing systems required.**

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

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

Date: November 19, 2010

Page: 40 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

1 4. The name and Certificate of Registration number of the servicing firm.  
2

3 **915.7.1 Information** When a person exempt from the licensing provision of this section  
4 services a portable fire extinguisher, a tag shall be affixed that at least states:

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

11  
12 **SECTION 916**  
13 **SPRINKLER, STANDPIPE AND FIRE PUMP MAINTENANCE**  
14

15 **916.1 Scope.** The purpose of this section is to establish a sprinkler and standpipe system  
16 maintenance control in the interest of safeguarding lives and property.  
17

18 **916.2 Application.** The provisions of this section shall apply to existing sprinkler and standpipe  
19 systems installed in buildings prior to the enactment of this code and to all new sprinkler systems  
20 hereafter installed.  
21

22 **916.3 Sprinkler, standpipe and fire pump maintenance and inspection.** All sprinkler, standpipe  
23 and fire pump systems shall be inspected annually by a Sprinkler Fitter Contractor licensed by the  
24 City of Saint Louis, or by a Missouri licensed Professional Engineer with experience in sprinkler and  
25 standpipe systems, and a report shall be filed with the Division of Building and Inspection, Fire  
26 Safety Unit.  
27

28 **916.4 Fees.** The owner or occupant is required to pay fees to the fire official in the amounts set  
29 forth in Table 113.3 for certification of fitness. Fees must be paid prior to certification.  
30

31 **SECTION 917**  
32 **FIRE PROTECTION EQUIPMENT**  
33

34 **917.1 Scope.** Fire extinguishing, fire detection, first-aid fire fighting systems and devices required  
35 by the International Building Code shall be maintained in accordance with the provisions of this  
36 section.  
37

38 **917.2 Existing occupancies.** Upon adoption of this code, the fire official shall make, or cause to be  
39 made, a survey of each existing business and industrial establishment, mercantile, educational and  
40 institutional occupancy, place of assembly, hotel, multi-family dwelling, and trailer camp to  
41 determine such fire detecting devices or extinguishing appliances which are necessary in or near  
42 boiler rooms; kitchens or restaurants, clubs or like establishments; storage rooms involving

Date: November 19, 2010

Page: 41 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

1 considerable combustible material; rooms in which hazardous manufacturing processes are involved;  
2 repair garages; and other places of a generally hazardous nature to provide for the safety of the  
3 public according to existing conditions and in accordance with the requirements of the International  
4 Building Code. Such devices or appliances may consist of automatic fire alarm systems, automatic  
5 sprinkler or water spray systems, standpipe and hose, fixed or portable fire extinguishers of a type  
6 suitable for the probable class of fire or suitable asbestos blankets, manual or automatic covers, or  
7 carbon dioxide or other special fire extinguishing systems. In special hazardous processes or  
8 storage, appliances of more than one type or special systems may be required.  
9

10 **917.3 Maintenance of equipment.** Sprinkler systems, standpipe systems, fire alarm systems, and  
11 other fire protective or extinguishing systems or appliances which have been installed in compliance  
12 with any permit or order, or because of any law or ordinance, shall be maintained in operative  
13 condition at all times, and it shall be unlawful for any owner or occupant to reduce the effectiveness  
14 of the protection so required; except that this shall not prohibit the owner or occupant from  
15 temporarily reducing or discontinuing the protection where necessary to make tests, repairs,  
16 alterations or additions. The fire official shall be notified before such tests, repairs, alterations or  
17 additions are started and upon its completion, and shall be advised of the extent of such work for  
18 additional requirements. See Section 916 and Section 917.4.2.  
19

20 **917.4 Suppression, detection and alarm nuisance.** It shall be the owner or occupant's  
21 responsibility to maintain suppression, detection and alarm systems in such operating condition so as  
22 not to cause unnecessary alarms being transmitted to the Fire Department. Remedies to correct this  
23 situation shall be accomplished as expediently as possible. Those alarms deemed unnecessary shall  
24 be assessed a service charge of one hundred dollars (\$100.00) for each response.  
25

26 **917.4.1 Notification of sprinkler or fire alarm shut-off.** Whenever a sprinkler or fire alarm  
27 system is to be shut-off for repairs, it shall be the owner or occupant's responsibility to determine  
28 that the service person performing such repairs has notified the Fire Department of the pending  
29 shut-off prior to shutting the system off. When a sprinkler system has central station  
30 supervision, the company providing this service shall also be notified of the shut-off. Failure to  
31 notify the Fire Department or the Central Station supervising company of sprinkler or fire alarm  
32 shut-off resulting in an unnecessary alarm being transmitted to the Fire Department will subject  
33 the owner or occupant to a service charge of one hundred dollars (\$100.00) for each alarm  
34 received.  
35

36 **917.4.2 Maintaining sprinkler systems in abandoned or unoccupied buildings.** It shall be  
37 the owner's responsibility to insure that all automatic sprinkler systems in any building being  
38 temporarily vacated or permanently abandoned be maintained in an operable condition at all  
39 times. And it shall be unlawful to shut down or in any manner reduce or impair the effectiveness  
40 of any sprinkler system, unless prior approval is granted by the fire official or until at such time  
41 as the building is in the process of being demolished. Any conditions as set forth by the fire  
42 official governing the shut down of sprinkler systems shall be strictly adhered to. It shall be the

Date: November 19, 2010

Page: 42 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

1 owner's responsibility to notify the fire official forty-eight (48) hours prior to vacating any  
2 building protected by an automatic sprinkler system. Any person, firm, agency or corporation  
3 violating any provision of this section or failing to comply with any written order issued by the  
4 fire official pertinent to maintaining sprinkler protection in abandoned or temporarily vacated  
5 buildings shall, upon conviction thereof, be penalized as set forth in Section Four.  
6

7 **917.5 Fees.** The owner or occupant shall pay to the building official a fee for the witnessing of a  
8 fire pump test. Fees shall be paid according to the fees established in Table 113.2.  
9

10 **917.6 Periodic flow test.** Fire pumps shall be subjected to a water flow test every two (2) years on  
11 or about the anniversary date of their last previous test. The test shall be conducted by a Sprinkler  
12 Fitter Contractor licensed by the City of Saint Louis, or by a Missouri licensed Professional  
13 Engineer. A report shall be filed with the Division of Building and Inspection, Fire Safety Unit.  
14

## 15 SECTION 918 16 ACCEPTANCE INSPECTIONS 17

18 **918.1 Scope.** All sprinkler, standpipe, fire detection, fire alarm and foam system installations where  
19 required by the provisions of the International Building Code shall receive, upon completion, an  
20 acceptance inspection by the Division of Building and Inspection, Fire Safety Unit.  
21

22 **918.1.1 Sprinkler systems.** The acceptance inspection of a sprinkler system shall determine  
23 that the system has been installed according to plans having received prior approval of the fire  
24 official and in conformity with the International Building Code. The Plumbing Inspection  
25 Section shall be present at the acceptance inspection.  
26

27 **918.1.2 Standpipe systems:** The acceptance inspection of a standpipe system shall determine  
28 that the system has been installed according to plans having received prior approval of the fire  
29 official and in conformity to NFPA 14 and the International Building Code. The Plumbing  
30 Inspection Section shall be present at the acceptance inspection.  
31

32 **918.1.3 Fire detection systems:** All fire detection systems and fire alarm systems shall be  
33 subject to an acceptance inspection and test upon their completion. The test shall be witnessed  
34 by the fire official or designated representative. The Electrical Inspection Section shall be  
35 present at the acceptance inspection.  
36

37 **918.1.4 Foam installations:** All fire fighting foam installations where required to be installed  
38 by the International Building Code, NFPA 30 and all other applicable NFPA standards, shall be  
39 subject to a final acceptance inspection and test upon completion of the installation. The  
40 Plumbing Inspection Section shall be present at the acceptance inspection.  
41

42 **918.2 Tests.** Tests for the fire detection systems shall be performed by a Communication or

Date: November 19, 2010

Page: 43 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

1 Electrical Contractor licensed by the City of Saint Louis, or by a Missouri licensed Professional  
2 Engineer with experience in such systems.

3 The tests for sprinkler, standpipe and foam systems shall be performed by a Sprinkler Fitter  
4 Contractor licensed by the City of Saint Louis, or by a Missouri licensed Professional Engineer with  
5 experience in sprinkler and standpipe systems. Test reports shall be filed with the Division of  
6 Building and Inspection, Fire Safety Unit.  
7

8 **918.3 Fees:** A fee shall be assessed by the fire official for annual inspections and shall be paid  
9 according to the fees established in Table 113.2.  
10

11 **SECTION 919**  
12 **DUCT EXTINGUISHING SYSTEM**  
13

14 **919.1 General:** All automatic fire extinguishing equipment for the protection of kitchen ranges and  
15 ducts shall be installed where required by the International Building Code and Section 609 of the  
16 International Fire Code.  
17

18 **919.2 Acceptance inspection.** The installation of automatic fire extinguishing equipment for  
19 kitchen ranges and ducts shall be subject to an acceptance inspection by the Division of Building and  
20 Inspection, Mechanical Inspection Section.  
21

22 **919.3 Annual test.** The duct extinguishing system shall be inspected annually by a Sprinkler Fitter  
23 Contractor licensed by the City of Saint Louis, and the annual fee paid. The test report shall be filed  
24 with the Division of Building and Inspection, Fire Safety Unit.  
25

26 **919.4 Fees.** A fee shall be assessed by the fire official for all acceptance and annual inspections and  
27 shall be paid according to the fees established in Table 113.2.  
28

29 **919.5 Portable fire extinguishers.** All cooking operations and all food preparation centers within  
30 any occupancy, except individual dwelling units, shall provide a sufficient number of portable fire  
31 extinguishers to afford adequate fire safety as determined by the fire official, but not less than one  
32 (1) unit. All extinguishers shall carry a minimum of ten B.C. rating and capacity and be compatible  
33 with the fire suppression systems extinguishing agent.  
34

35 *Add Section 609.4 to read as follows:*

36 **609.4 Permit required.** A mechanical permit shall be obtained from the Division of Building and  
37 Inspection, Mechanical Inspection Section for the installation or alteration of a commercial kitchen  
38 hood system. Permit fees shall be as established in Table 113.1.  
39

40 *Change Section 2001.2 to read as follows:*

41 **2001.2 Permit.** Permits shall be required as set forth in Sections 105.6. The fee for the manufacture  
42 of organic coatings shall be as set forth in Table 113.1.

Date: November 19, 2010

Page: 44 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42

*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 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 3301.3 to read as follows:*

**3301.3 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:*

## 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

Date: November 19, 2010

Page: 45 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

1 paid at the time of application in accordance with the fee schedule as set forth in Table 113.3.

2  
3 *Change Section 3401.4 to read as follows:*

4 **3401.4 Permit.** Permits shall be required as set forth in Sections 105.6. The fee for flammable and  
5 combustible liquids shall be as set forth in Table 113.1.

6  
7 *Add sections 3407 thru 3409 to read as follows:*

8  
9  
10 **SECTION 3407**  
11 **FLAMMABLE LIQUID STORAGE TANK INSTALLATION**

12 **3407.1 Scope.** The installation, abandonment, repair, or removal of any underground or  
13 aboveground tank used for the storage of flammable liquids shall comply with the provisions of this  
14 code.

15  
16 **3407.2 Permit required.** A permit shall be obtained from the fire official to install, abandon or  
17 remove any above or below ground tank used for the storage of flammable liquids without regard to  
18 class of liquids.

19  
20 **3407.3 Compliance with building code.** The layout and field erection of flammable liquid tanks  
21 shall comply with the applicable requirements of the International Building Code.

22  
23 **3407.4 Installation.** The installation of stationary or temporary tanks for the storage of flammable  
24 liquids on any site or location shall be installed within the requirements of the applicable standards  
25 of NFPA 30.

26  
27 **3407.5 Fire protection and control.** The required fire protection shall be as specified in the  
28 International Building Code.

29  
30 **3407.6 Gasoline storage.** All gasoline storage tanks shall be installed below ground and be vented  
31 as required by the International Building Code. Gasoline may be stored above ground in approved  
32 safety containers of not more than five hundred (500) gallons each subject to the approval of the fire  
33 official.

34  
35 **3407.7 Final inspection.** All flammable liquid storage tanks shall be subject to a final inspection  
36 by the fire official or representative before filling tanks; in case of underground tanks, the final  
37 inspection shall take place before tanks are covered over.

38  
39 **3407.7.1 Responsibility.** It shall be the responsibility of the installer to notify the fire official  
40 forty-eight (48) hours before final inspection is requested.

41  
42 **3407.8 Abandonment or removal of tanks.** The fire official shall be notified forty-eight (48)

Date: November 19, 2010

Page: 46 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

1 hours prior to the abandonment, cleaning or removal of a flammable liquid tank.

2  
3 **3407.8.1 Requirements.** The abandonment or removal of a flammable liquid tank shall comply  
4 with the applicable standards of NFPA 30.

5  
6 **3407.9 Leaking tanks.** The fire official shall be notified immediately upon discovery of any  
7 leakage of product from a flammable liquid tank, connected piping or pumps.

8  
9 **3407.10 Test of tanks or piping.** The owner or occupant shall, when required by the fire official,  
10 cause the testing of tanks, piping, pumps and related equipment, as so designated. Tests shall be  
11 performed according to procedures established by the fire official.

12  
13 **3407.10.1 Witnessing test.** Whenever the fire official requires any tank, piping, pumps or related  
14 equipment to be tested the test shall be witnessed by the fire official or designated representative.  
15 The fire official shall be notified forty-eight hours (48) before each test is to begin.

16  
17 **3407.11 Inventory control records to be kept.** Accurate inventory control records for the purpose  
18 of detecting leakage shall be maintained by the person in control of the premises of each  
19 underground storage facility. The person in control of such premises shall make all inventory  
20 control records available for inspection and checking by the fire official at all reasonable times and  
21 shall promptly report any abnormal loss of content to the fire official.

22  
23 **3407.12 Testing for leaks.** Notwithstanding any of the requirements of this chapter for testing  
24 piping systems and underground storage tanks, the fire official may require testing of any such  
25 system when there are grounds to believe that a system may be leaking, including without limitation  
26 the failure to maintain inventory control records, or if inventory control records indicate a shortage  
27 of product or based upon visual detection of leakage. The fire official may, at any time when such  
28 leakage shall be apparent, close the entire facility and the facility shall remain closed until such time  
29 as the fire official has been furnished sufficient proof that the leakage which has caused the closing  
30 of the facility has been repaired. The fire official may at any time require the construction of  
31 intercepting holes or trenches to prevent the continuing migration of the contaminating liquid.

32  
33 **3407.13 Permits.** A permit shall be obtained from the fire official to repair any tank, container or  
34 piping and pumps used for the storage and dispensing of flammable liquids.

35  
36 **3407.14 Removal of covering devices for inspection.** At the time of periodic tests of piping  
37 systems, and at any other reasonable time when requested to do so by the fire official, dispenser  
38 panels, access covers and any other covering devices shall be removed to permit access for  
39 inspection. Any deficiencies which are causing the loss of product shall be immediately corrected.

40  
41 **3407.14.1 Observation well.** An observation well shall be installed for each new tank location as  
42 determined by the fire official.

Date: November 19, 2010

Page: 47 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

1  
2 **3407.14.2 Secondary containment.** Secondary containment shall be required in new tank  
3 installations as determined by the fire official.  
4

5 **SECTION 3408**  
6 **REPAIR OF LEAKING TANKS OR CONTAINERS**  
7

8 **3408.1 Repairs.** Before any tank, equipment or containers used for the storage or conveying of  
9 flammable liquids is repaired, the fire official shall be notified prior to commencement of work.  
10

11 **3408.1.1 Requirements.** The repair of all equipment outlined in Section 3408.1 shall be  
12 done in strict compliance of requirements set forth by the fire official and NFPA 329 and NFPA  
13 30.  
14

15 **3408.2 Requirements for installers of tanks and equipment.** Only those companies and  
16 individuals duly certified by the fire official having met the requirements set forth in Section 3407  
17 for such certification shall be engaged for the purpose of installation or repairing flammable liquid  
18 tanks and related equipment.  
19

20 **3408.3 Fees.** A fee shall be assessed by the fire official for witnessing the testing of tanks and  
21 equipment. Fees shall be paid according to the fee schedule established in Table 113.2.  
22

23 **3408.4 Repair permit.** A fee shall be assessed by the fire official for the repair, installation or  
24 abandonment of tanks and the repair of any tank, piping or pump as listed in Table 113.1  
25

26 **3407.5 Cleaning tanks.** Before any flammable liquid tank is cleaned, a permit shall be obtained  
27 from the fire official and a fee paid as listed in Table 113.1.  
28

29 **SECTION 3409**  
30 **CERTIFICATION OF FLAMMABLE LIQUID TANK INSTALLATIONS**  
31

32 **3409.1 Scope.** The purpose of this section is to regulate the installation, repair and testing of tanks  
33 and equipment used for the storage of flammable liquids in the interest of safeguarding lives and  
34 property.  
35

36 **3409.2 Registration of persons installing, repairing or testing flammable liquid storage tanks.**  
37 Each firm engaged in the business of installing, repairing or testing flammable liquid storage tanks  
38 shall be required to have a Certificate of Registration issued by the fire official.  
39

40 **3409.3 Prohibition against installing, repairing or testing flammable liquid storage tanks by**  
41 **personnel from uncertified company.** The only person under this section allowed to install, repair  
42 or test flammable liquid tanks is a person that holds a Certificate of Registration, or an employee,  
43 agent or servant of a firm that holds a Certificate of Registration.

Date: November 19, 2010

Page: 48 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

1  
2 **3409.4 Applications and hearing on licenses, permits and certificates.** Applications for  
3 Certificates hereunder shall be made pursuant to regulations adopted by the fire official as those  
4 regulations may from time to time be amended.

5  
6 **3409.5 Penalties.** Whoever shall intentionally commit any acts as set forth in 3409.5.1 and  
7 34093.5.2 shall be held in violation of this code, and shall, upon conviction thereof, be penalized as  
8 set forth in Section Four.

9  
10 **3409.5.1 Operating without certificate.** No person shall engage in the business of installing,  
11 repairing or testing flammable liquid storage tanks without a current Certificate of Registration.

12  
13 **3409.5.2 Misrepresentation.** No person shall obtain or attempt to obtain a Certificate of  
14 Registration by fraudulent misrepresentation.

15  
16 **3409.6 Application for certificate of registration.** Any firm that desires to engage in the business  
17 of installing, repairing or testing flammable liquid storage tanks shall make a written verified  
18 application to the code official on forms provided for a Certificate of Registration, for each separate  
19 location or such firm where service is performed. The application must be signed by the sole  
20 proprietor, or each partner, or by an officer of the corporation.

21  
22 **3407.6.1 Review.** If the fire official finds after reviewing the applicant's record that the granting  
23 or renewing of a Certificate of Registration would not be contrary to the public safety and  
24 welfare, the fire official shall issue or renew such Certificate of Registration authorizing the  
25 applicant to engage in the business of installing, repairing or testing flammable liquid storage  
26 tanks, provided the requisite fee(s) has/have been paid. The fire official shall give each  
27 Certificate of Registration an identifying number.

28  
29 **3409.6.2 Renewal of certificate.** An application for renewal of a Certificate of Registration  
30 shall be made annually in accordance with detailed procedures to be followed.

31  
32 **3409.6.3 Fees.** The original and annual renewal fee for Certificates of Registration issued  
33 pursuant to these regulations shall be paid according to the fee schedule established in Table  
34 113.3.

35  
36 **3409.7 Revocation.** The fire official shall conduct a hearing pursuant to the revocation of any  
37 Certificate of Registration. The fire official may then either refuse to renew, suspend or revoke the  
38 Certificate of Registration for any of the following causes:

- 39
- 40 1. Violation - Any violation as listed in Section 3409.5.
  - 41 2. Misrepresentation - Having obtained or having attempted to obtain a Certificate of  
42 Registration by fraudulent misrepresentation.
  3. Malpractice - Malpractice or incompetency.

Date: November 19, 2010

Page: 49 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

- 1 4. Failure to Pay Fee - Failure to pay the original or annual renewal Certificate of Registration
- 2 fee provided in these regulations.
- 3 5. Violation of any provision of the rules and regulations as formulated and administered by
- 4 the fire official or violation of any provision of this section.
- 5
- 6

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

8 **3801.2 Permit.** Permits shall be required as set forth in Sections 105.6 and 105.7. The fee for

9 liquefied petroleum gases shall be as set forth in Table 113.1.

10 Distributors shall not fill an LP-gas container for which a permit is required unless a permit for

11 installation has been issued for that location by the fire official.

12

13 **3801.2.1 Bulk storage.** Bulk storage of Liquid Petroleum Gas of more than one thousand

14 (1,000) pounds (240 gallons equivalent water capacity) shall not be permitted within the City

15 Limits.

16

17 **3801.2.2 Recharging:** No recharging and/or refilling of any Liquefied Petroleum Gas container

18 shall be permitted within the City limits unless it is performed at a bulk storage transfer facility

19 by a qualified operator of that facility.

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

21

22 **SECTION FOUR.**

23 Any person who shall violate a provision of this code or shall fail to comply with any of the

24 requirements thereof, or who shall erect, construct, alter, extend, repair, remove, demolish, use or

25 occupy any building, structure or premises or equipment regulated by this code in violation of an

26 approved construction document or directive of the code official or the Board of Building Appeals,

27 or of a permit, license or certificate issued under the provisions of this code, shall, upon conviction

28 thereof, be punished by a fine of not more than five hundred dollars (\$500.00) or by imprisonment

29 not exceeding ninety (90) days, or both such fine and imprisonment. Each day that a violation

30 continues shall constitute a separate and distinct offense.

31 **SECTION FIVE.**

32 In the event any part or provision of this code is held to be illegal or void, this shall not have the

Date: November 19, 2010

Page: 50 of 51

Board Bill # 227

Sponsored by Alderwoman Phyllis Young

1 effect of making void or illegal any of the other parts or provisions thereof, which are determined to  
2 be legal; and it shall be presumed that this code would have been passed without such illegal or  
3 invalid parts or provisions.

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

6 ***SECTION SIX.***

7 Nothing in this ordinance or in the Fire Code hereby adopted shall be construed to affect any suit or  
8 proceeding impending in any court, or any rights acquired, or liability incurred, or any cause or  
9 causes of action acquired or existing, under any act or ordinance hereby repealed as cited in Section  
10 Two of this ordinance; nor shall any just or legal right or remedy of any character be lost, impaired  
11 or affected by this ordinance.

12 ***SECTION SEVEN.***

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

16 ***SECTION EIGHT***

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