

ORDINANCE NO. 6922

AN ORDINANCE ADOPTING THE NFPA NATIONAL ELECTRICAL CODE[®], INTERNATIONAL ELECTRICAL CODE[®] SERIES NFPA 70[®] 2014 AND REPEALING SECTION 510.010 AND SECTION 510.040 OF CHAPTER 510 OF TITLE V: BUILDING CONSTRUCTION OF THE MUNICIPAL CODE OF THE CITY OF ST. PETERS AND ENACTING A NEW SECTION 510.010 AND A NEW SECTION 510.040 IN LIEU THEREOF

WHEREAS, the Board of Aldermen of the City of St. Peters, Missouri, does hereby find and determine that the NFPA National Electrical Code[®] International Electrical Code[®] Series has published the NFPA 70[®] 2014; and

WHEREAS, the Board of Aldermen of the City of St. Peters, Missouri, deems it to be in the best interest of the City and its citizenry, and pursuant to its general police powers and in order to promote the health, safety, and general welfare of its citizens, that it adopt said NFPA 70[®] 2014, as the Electrical Code of the City of St. Peters, and to repeal Section 510.010 Electrical Code – Adopted. and Section 510.040 Electrical Code – Amendments. of Chapter 510 of Title V: Building Construction of the Municipal Code of the City of St. Peters and enacting a new Section 510.010 and a new Section 510.040 in lieu thereof.

NOW THEREFORE, BE IT ORDAINED BY THE BOARD OF ALDERMEN OF THE CITY OF ST. PETERS, MISSOURI, AS FOLLOWS:

SECTION 1. The Board of Aldermen of the City of St. Peters, Missouri, does hereby adopt the NFPA 70[®] 2014, as published by the International Electrical Code[®] Series NFPA National Electrical Code[®], as amended.

SECTION 2. That the Board of Aldermen of the City of St. Peters, Missouri, does hereby repeal Section 510.010 Electrical Code – Adopted. of Chapter 510 Electrical Code of Title V: Building and Construction of the Municipal Code of the City of St. Peters, Missouri, and enact a new Section 510.010 Electrical Code – Adopted. of said Chapter 510 of said Title V, in lieu thereof, to wit:

Section 510.010 Electrical Code – Adopted.

The NFPA 70[®] 2014, as published by the NFPA National Electrical Code[®] International Electrical Code[®] Series, as amended, is hereby adopted as the Electrical Code of the City; and all of the regulations, provisions, penalties, conditions, and terms of said NFPA 70[®] 2014, are hereby referred to, adopted and made part thereof, as if fully set out in this

Chapter, with additions, insertions, deletions, and changes prescribed in this Chapter.

SECTION 3. The Board of Aldermen of the City of St. Peters, Missouri, does hereby repeal Section 510.040 Electrical Code – Amendments. of Chapter 510 Electrical Code of Title V: Building and Construction of the Municipal Code of the City of St. Peters, Missouri, and enact a new Section 510.040 Electrical Code – Amendments. of said Chapter 510 of said Title V, in lieu thereof, to wit:

Section 510.040 Electrical Code — Amendments.

A. The Code adopted in Section 510.010 is amended as follows:

ARTICLE 90 Introduction.

90.1 Purpose.

(A) Practical Safeguarding. The purpose of this *Code* is the practical safeguarding of persons and property from hazards arising from the use of electricity and to establish minimum requirements by regulating and controlling the design, construction, installation, quality of materials, location, operating and maintenance or use of electrical systems and equipment. *This Code is not intended as a design specification or an instruction manual for untrained persons.*

(B) Adequacy. This *Code* contains provisions that are considered necessary for safety. Compliance therewith and property maintenance results in an installation that is essentially free from hazard but not necessarily efficient, convenient, or adequate for good service or future expansion of electrical use.

Informational Note: Hazards often occur because of overloading of wiring systems by methods or usage not in conformity with this *Code*. This occurs because initial wiring did not provide for increases in the use of electricity. An initial adequate installation and reasonable provisions for system changes provide for future increases in the use of electricity.

(C) Relation to Other International Standards. The requirements of this *Code* address the fundamental principles of protection for safety contained in Section 131 of International Electrotechnical Commission Standard 60364-1, *Electrical Installations of Buildings*.

Informational Note: IEC 60364-1, Section 131, contains fundamental principles of protection for safety that encompass protection against electric shock, protection against thermal effects, protection against overcurrent, protection against fault currents, and protection against

overvoltage. All of these potential hazards are addressed by the requirements in this *Code*.

90.2 Scope.

(A) Covered. This *Code* applies to the design, construction, installation, alteration, repairs, relocation, replacement, addition to, use or maintenance of electrical systems and equipment. This *Code* also covers the installation of electrical conductors, equipment, and raceways; signaling and communications conductors, equipment, and raceways; and optical fiber cables and raceways for the following:

- (1) Public and private premises, including buildings, structures, mobile homes, recreational vehicles, and floating buildings
- (2) Yards, lots, parking lots, carnivals, and industrial substations
- (3) Installations of conductors and equipment that connect to the supply of electricity
- (4) Installations used by the electric utility, such as office buildings, warehouses, garages, machine shops, and recreational buildings, that are not an integral part of a generating plant, substation, or control center.

(B) Not Covered. This *Code* does not cover the following:

- (1) Installations in ships, watercraft other than floating buildings, railway rolling stock, aircraft, or automotive vehicles other than mobile homes and recreational vehicles

Informational Note: Although the scope of this *Code* indicates that the *Code* does not cover installations in ships, portions of this *Code* are incorporated by reference into Title 46, *Code of Federal Regulations*, Parts 110-113.

- (2) Installations underground in mines and self-propelled mobile surface mining machinery and its attendant electrical trailing cable
- (3) Installations of railways for generation, transformation, transmission, or distribution of power used exclusively for operation of rolling stock or installations used exclusively for signaling and communications purposes
- (4) Installations of communications equipment under the exclusive control of communications utilities located outdoors or in building spaces used exclusively for such installations

(5) Installations under the exclusive control of an electric utility where such installations

- a. Consist of service drops or service laterals, and associated metering, or
- b. Are on property owned or leased by the electric utility for the purpose of communications, metering, generation, control, transformation, transmission, or distribution of electric energy, or
- c. Are located in legally established easements or rights-of-way, or
- d. Are located by other written agreements either designated by or recognized by public service commissions, utility commissions, or other regulatory agencies having jurisdiction for such installations. These written agreements shall be limited to installations for the purpose of communications, metering, generation, control, transformation, transmission, or distribution of electric energy where legally established easements or rights-o-way cannot be obtained. These installations shall be limited to federal lands, Native American reservations through the U.S. Department of the Interior Bureau of Indian Affairs, military bases, lands controlled by port authorities, and state agencies and departments, and lands owned by railroads.

Informational Note to (4) and (5): Examples of utilities may include those entities that are typically designated or recognized by governmental law or regulation of public service utility commissions and that install, operate, and maintain electric supply (such as generation, transmission, or distribution systems) or communications systems (such as telephone, CATV, Internet, satellite, or data service). Utilities may be subject to compliance with codes and standards covering their regulated activities as adopted under governmental law or regulation. Addition information can be found through consultation with the appropriate government bodies, such as state regulatory commissions, the Federal Energy Regulatory Commission, and the Federal Communications Commissions.

(C)Special Permission. The authority having jurisdiction for enforcing this *Code* may grant exception for the installation of conductors and equipment are not under the exclusive control of the electric utilities and are used to connect the electric utility supply system to the service conductors of the premises served, provided such installations are outside a building or structure, or terminate inside at a readily accessible location nearest the point of entrance of the service conductors.

90.3 through 90.9 (unchanged).

90.10 Severability.

If any Article, Section, Subsection, sentence, 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 Municipal Code of the City of St. Peters.

90.11 Licensing.

Any contractor wishing to enter into the electrical contracting business within the City of St. Peters, Missouri, shall first be duly examined and successfully passed and licensed by St. Charles County, Missouri.

90.11.1 Supervisor.

Any firm or corporation in the business of installing electrical work shall employ a duly licensed supervisor, under the provisions of this *Code*, who shall be responsible for installation made by said firm or corporation.

90.11.2 Use of license by other.

No person having obtained a license under the provisions of this *Code* shall allow their license to be used by another person, either for the purpose of obtaining permits, or for doing business or work under the license.

90.11.3 Persons excepted from licensing requirement.

The following persons are excepted from the licensing requirement:

1. Homeowner in an existing building owned and occupied by them as their place of residence;
2. Person doing work in an existing structure owned and occupied by them as their farm;
3. Person or public entity servicing or repairing its own electrical system with its own personnel specifically trained for such service or repair;
4. Person who is an employee employed by a licensed electrical contractor.

ARTICLE 91 Applicability.

91.1 General.

The provisions of this *Code* apply to all matters affecting or relating to structures and premises, as set forth in Article 90.

91.2 Existing installations.

Except as otherwise provided for in this Article, a provision in this *Code* shall not require the removal, alteration or abandonment of, nor prevent the continued utilization and maintenance of, existing electrical systems and equipment lawfully in existence at the time of the adoption of this *Code*.

91.3 Maintenance.

Electrical systems, equipment, materials and appurtenances, both existing and new, and parts thereof shall be maintained in proper operating condition in accordance with the original design and in a safe, hazard-free condition. Devices or safeguards that are required by this *Code* shall be maintained in compliance with the code edition under which installed. The owner or the owner's designated agent shall be responsible for the maintenance of the electrical systems and equipment. To determine compliance with this provision, the building official shall have the authority to require that the electrical systems and equipment be re-inspected.

91.4 Additions, alterations, renovations or repairs.

Additions, alterations, renovations, and repairs to electrical systems and equipment shall conform to that required for new electrical systems and equipment without requiring that the existing electrical systems or equipment comply with all of the requirements of this *Code*. Additions, alterations, renovations, and repairs shall not cause existing electrical systems or equipment to become unsafe, hazardous or overloaded. Minor additions, alterations, renovations, and repairs to existing electrical systems and equipment shall meet the provisions for new construction, except where such work is performed in the same manner and arrangement as was in the existing system, is not hazardous and is approved.

91.5 Subject not regulated by this *Code*.

Where no applicable standards or requirements are set forth in this *Code*, or are contained within other laws, codes, regulations, ordinances or bylaws adopted by the jurisdiction, compliance with applicable standards of nationally recognized standards as are approved shall be deemed as prima facie evidence of compliance with the intent of this *Code*. Nothing herein shall derogate from the authority of the building official to determine compliance with codes or standards for those activities or installations within the building official's jurisdiction or responsibility.

91.6 Change in occupancy.

It shall be unlawful to make any change in the occupancy of any structure that will subject the structure to any special provision of this *Code* applicable to the new occupancy without approval of the code official. The code official shall certify that such structure meets the intent of the provisions of law governing building construction for the proposed new occupancy and that such change of occupancy does not result in any hazard to the public health, safety or welfare.

91.7 Historic buildings.

The provisions of this *Code* relating to the construction, alteration, repair, enlargement, restoration, relocation or moving of buildings or structures shall not be mandatory for existing buildings or structures identified and classified by the State of local jurisdiction as historic buildings when such buildings or structures are judged by the code official to be safe and in the public interest of health, safety and welfare regarding any proposed construction, alteration, repair, enlargement, restoration, relocation or moving of buildings.

91.8 Moved buildings.

Except as determined by **91.7 Historic buildings** in this Article, existing installations that are a part of buildings or structures moved into or within the jurisdiction shall comply with the provisions of this *Code* for new installations.

91.9 Referenced codes and standards.

The codes and standards referenced in this *Code* shall be considered as part of the requirements of this *Code* to the prescribed extent of each such reference. Where differences occur between provisions of this *Code* and the referenced standards, the provisions of this *Code* shall be the minimum requirements.

91.10 Requirements not covered by Code

Any requirements necessary for the strength, stability or proper operation of an existing or proposed electrical system, or for the public safety, health and welfare, not specifically covered by this *Code* shall be determined by the code official.

91.11 Other laws.

The provisions of this *Code* shall not be deemed to nullify any provisions of local, State or Federal law.

91.12 Application of references.

Reference to Article, Chapter, Section number, or to provisions not specifically identified by number, shall be construed to refer to such Article, Chapter, Section or provision of the Municipal Code of the City of St. Peters.

ARTICLE 92 Administration and enforcement.

92.1 General.

The City of St. Peters Building Department is charged with the performance of electrical inspections and enforcement of the Electric Code of the City of St. Peters. This department is supervised by the code official who is also known as the Building Commissioner. Building Inspectors, as delegated by the code official, shall have powers to enforce the intent of the provisions of this *Code*.

ARTICLE 93 Duties and powers of the code official.

93.1 General.

The code official is hereby authorized and directed to enforce the provisions of this *Code*. The code official shall have the authority to render interpretations of this *Code* and adopt policies and procedures in order to clarify the application of its provisions. Such interpretations, policies and procedures shall be in compliance with the intent and purpose of this *Code*. Such policies and procedures shall not have the effect of waiving requirements specifically provided for in this *Code*.

93.1.1 Delegation of duties by code official.

In accordance with the prescribed procedures of this jurisdiction the code official shall have the authority to delegate certain duties for the review and enforcement of the building codes of the City of St. Peters.

93.2 Applications and permits.

The code official shall receive applications, review construction documents and issue permits for the installation and alteration of electrical systems, inspect the premises for which such permits have been issued, and enforce compliance with the provisions of this *Code*.

93.3 Inspections.

The code official shall make all the required inspections, or shall accept reports of inspection by approved agencies or individuals. All reports of such inspections shall be in writing and be certified by a responsible officer of such approved agency or by

the responsible individual. The code official is authorized to engage such expert opinion as deemed necessary to report on unusual technical issues that arise, subject to the approval of the City Administrator.

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93.4 Right of entry.

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

When the code official shall have first obtained a proper inspection warrant or other remedy provided by law to secure entry, no owner or occupant or person having charge, care or control of any building or premises shall fail or neglect, after proper request is made as herein provided, to promptly permit entry therein by the code official for the purpose of inspection and examination pursuant to this *Code*.

93.5 Identification.

The code official shall carry proper identification when inspecting structures or premises in the performance of duties under this *Code*.

93.6 Notices and orders.

The code official shall issues all necessary notices or orders to ensure compliance with this *Code*.

93.7 Department records.

The code official shall keep official records of applications received, permits and certificates issued, fees collected, reports of inspections, and notices and orders issued. Such records shall be retained in the official records for the period required for the retention of public records.

ARTICLE 94 Approval.

94.1 Modifications.

Whenever there are practical difficulties involved in carrying out the provisions of this *Code*, the code official shall have the authority to grant modifications for

individual cases, upon application of the owner or owner's representative, provided the code official shall first find that special individual reason makes the strict letter of this *Code* impractical and the modification conforms to the intent and purpose of this *Code* and that such modification does not lessen health, life and fire safety requirements. The details of action granting modifications shall be recorded and entered in the files of the Building Department.

94.2 Alternative materials, methods and equipment.

The provisions of this code are not intended to prevent the installation of any material or to prohibit any method of construction not specifically prescribed by this *Code*, provided that any such alternative has been approved. An alternative material or method of construction shall be approved where the code official finds that the proposed alternative material, method or equipment complies with the intent of the provisions of this *Code* and is at least the equivalent of that prescribed in this *Code*.

94.2.1 Research reports.

Supporting data, where necessary to assist in the approval of materials or assemblies not specifically provided for in this *Code*, shall consist of valid research reports from approved sources.

94.3 Required testing.

Whenever there is insufficient evidence of compliance with the provisions of this *Code*, or evidence that a material or method does not conform to the requirements of this *Code*, or in order to substantiate claims for alternate materials or methods, the code official shall have the authority to require tests as evidence of compliance to be made at no expense to the jurisdiction.

94.3.1 Test methods.

Test methods shall be as specified in this *Code* or by other recognized test standards. In the absence of recognized and accepted test methods, the code official shall approve the testing procedures.

94.3.2 Testing agency.

All tests shall be performed by an approved agency.

94.3.3 Test reports.

Reports of tests shall be retained by the code official for the period required for retention of public records.

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94.4 Alternative engineered design.

The design, documentation, inspection, testing and approval of an alternative engineered design electrical system shall comply with Section 94.4.1 through 94.4.6.

94.4.1 Design criteria.

An alternative engineered design shall conform to the intent of the provisions of this *Code* and shall provide an equivalent level of quality, strength, effectiveness, fire resistance, durability and safety. Material, equipment or components shall be designed and installed in accordance with the manufacturer's installation instructions.

94.4.2 Submittal.

The registered design professional shall indicate on the permit application that the electrical system is an alternative engineered design. The permit and permanent permit records shall indicate that an alternative engineered design was part of the approved installation.

94.4.3 Technical data.

The registered design professional shall submit sufficient technical data to substantiate the proposed alternative engineered design and to prove that the performance meets the intent of this *Code*.

94.4.4 Construction documents.

The registered design professional shall submit to the code official two complete sets of signed and sealed construction documents for the alternative engineered design. The construction documents shall include floor plans and a riser diagram of the work. Where appropriate, the construction documents shall indicate the circuits, wire sizes, conduit sizes, loading, and location of receptacles, fixtures and appliances.

94.4.5 Design approval.

Where the code official determines that the alternative engineered design conforms to the intent of this *Code*, the electrical system shall be approved. If the alternative engineered design is not approved, the code official shall notify the registered design professional in writing, stating the reasons thereof.

94.4.6 Inspection and testing.

The alternative engineered design shall be tested and inspected in accordance with the requirements of Article 94 and Article 96.

94.5 Approved materials.

Materials, equipment and devices approved by the code official shall be constructed and installed in accordance with such approval.

94.5.1 Material and equipment reuse.

Materials, equipment and devices shall not be reused unless such elements have been reconditioned, tested, placed in good and proper working condition and approved.

ARTICLE 95 Permits.

95.1 Types of permits.

An owner, authorized agent or contractor who desires to construct, enlarge, alter, repair, move, demolish or change the occupancy of a building or structure, or to erect, install, enlarge, alter, repair, remove convert or replace electrical systems or equipment, the installation of which is regulated by this *Code*, or to cause such work to be done, shall first make application to the building official and obtain the required permit for the work.

Exception: Where repair or replacement of electrical systems or equipment must be performed in an emergency situation, the permit application shall be submitted within the next working business day of the Building department.

95.2 Work exempt from permit.

The following work shall be exempt from the requirement for a permit:

- (1) Listed cord-and plug-connected temporary decorative lighting.
- (2) Reinstallation of attachment plug receptacles, but not the outlets therefore.
- (3) Replacement of branch circuit overcurrent devices of the required capacity in the same location.
- (4) Temporary wiring for experimental purposes in suitable laboratories.

- (5) Electrical wiring, devices, appliances, apparatus or equipment operating at less than 25 volts and not capable of supplying more than 50 watts of energy.

Exception from the permit requirement of this *Code* shall not be deemed to grant authorization for work to be done in violation of the provisions of this *Code* or other laws or ordinances of this jurisdiction.

95.3 Application for permit.

Each application for a permit, with the required fee, shall be filed with the code official on a form furnished for that purpose and shall contain a general description of the proposed work and its location. The application shall be signed by the owner or an authorized agent. The permit application shall indicate the proposed occupancy of all parts of the building and of that portion of the site or lot, if any, not covered by the building or structure and shall contain such other information required by the code official.

95.3.1 Information on construction documents.

Construction documents shall be drawn to scale upon suitable material. Electronic media documents are permitted to be submitted where approved by the code official. Construction documents shall be of sufficient clarity to indicate the location, nature and extent of the work proposed and show in detail that such work will conform to the provisions of this Code and relevant laws, ordinances, rules and regulations, as determined by the code official.

95.3.1.1 Penetrations.

Construction documents shall indicate where penetrations will be made for electrical systems and shall indicate the materials and methods for maintaining required structural safety, fire-resistance rating and fireblocking.

95.3.1.2 Load calculations.

Where an addition or alteration is made to an existing electrical system, an electrical load calculation shall be prepared to determine if the existing electrical service has the capacity to serve the added load.

Exception: The code official shall have the authority to waive the submission of construction documents, calculations or other data if the nature of the work applied for is such that reviewing of construction documents is not necessary to determine compliance with this *Code*.

95.3.2 Preliminary inspection.

Before a permit is issued, the code official is authorized to inspect and evaluate the systems, equipment, buildings, devices, premises and spaces or areas to be used.

95.3.3 Time limitation of application.

An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the code official shall have the authority to grant one or more extensions of time for additional periods not exceeding 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.

95.4 By whom application is made.

Application for a permit shall be made by owner agent or the person to install all or part of any electrical system. The applicant shall meet all qualifications established by Statute, or by rules promulgated by this Code, or by ordinance or by resolution. The full name and address of the applicant shall be stated in the application.

95.5 Permit issuance.

The application, construction documents and other data filed by an applicant for permit shall be reviewed by the code official. If the code official finds that the proposed work conforms to the requirements of this Code and all laws and ordinances applicable thereto, and that the fees specified in Section 95.7.2 have been paid, a permit shall be issued to the applicant.

95.5.1 Approved construction documents.

When the code official issues the permit where construction documents are required, the construction documents shall be endorsed in writing and stamped "REVIEWED FOR CODE COMPLIANCE". Such construction documents shall not be changed, modified or altered without authorization from the code official. All work shall be done in

accordance with the approved construction documents. The code official shall have the authority to issue a permit for the construction of a part of an electrical system before the entire construction documents for the whole system have been submitted or approved, provided adequate information and detailed statements have been filed complying with all pertinent requirements of this *Code*. The holders of such permit shall proceed at their own risk without assurance that the permit for the entire electrical system will be granted.

95.5.2 Validity.

The issuance of a permit or approval of construction documents shall not be construed to be a permit for, or an approval of, any violation of any of the provisions of this *Code* or any other ordinance of the jurisdiction. No permit presuming to give authority to violate or cancel the provisions of this *Code* shall be valid.

The issuance of a permit based upon construction documents and other data shall not prevent the code official from thereafter requiring the correction of errors in said construction documents and other data or from preventing building operations being carried on thereunder when in violation of this *Code* or of other ordinances of this jurisdiction.

95.5.3 Expiration.

Every permit issued by the code official under the provisions of this *Code* shall expire by limitation and become null and void if the work authorized by such permit is not commenced within 180 days from the date of such permit or if the work authorized by such permit is suspended or abandoned at any time after the work is commenced for a period of 180 days. Before such work can be recommenced, a new permit shall be first obtained and the fee therefor shall be one-half the amount required for a new permit for such work, provided no changes have been made or will be made in the original construction documents for such work, and provided further that such suspension or abandonment has not exceeded 1 year.

95.5.4 Extension.

Any permittee holding an unexpired permit shall have the right to apply for an extension of the time within which the permittee will commence work under that permit when work is unable to be commenced within the time required by this Section for good and

satisfactory reasons. The code official shall extend the time for action by the permittee for a period not exceeding 180 days if there is reasonable cause. No permit shall be extended more than once. The fee for an extension shall be one-half the amount required for a new permit for such work.

95.5.5 Suspension or revocation of permit.

The code official shall have the authority to suspend or revoke a permit issued under the provisions of this *Code* wherever the permit is issued in error or on the basis of incorrect, inaccurate or incomplete information, or in violation of any ordinance or regulations or any of the provisions of this *Code*.

95.5.6 Retention of construction documents.

One set of approved construction documents shall be retained by the code office for a period of not less than 180 days from date of completion of the permitted work, or as required by State or local laws. One set of approved construction document shall be returned to the applicant, and said set shall be kept on the site of the building or work at all times during which the work authorized thereby is in progress.

95.5.7 Previous approvals.

This *Code* shall not require changes in the construction documents, construction or designated occupancy of a structure for which a lawful permit has been heretofore issued or otherwise lawfully authorized, the construction of which has been pursued in good faith within 180 days after the effective date of this code and has not been abandoned.

95.5.8 Posting of permit.

The permit or a copy shall be kept on the site of the work until the completion of the project.

95.6 Integrated permits.

The code official may issue integrated building, plumbing, mechanical, electrical, etc. permit, on a single permit application.

95.7 Fees.

A permit shall not be issued until the fees prescribed in Section 95.7.2 have been paid, and an amendment to a permit shall not be released until the additional fee, if any, due to an increase of the electrical systems, has been paid.

95.7.1 Work commencing before permit issuance.

Any person who commences any work on an electrical system before obtaining the necessary permits shall be deemed guilty of a misdemeanor and subject to penalties described in Chapter 510.050 of the Municipal Code of the City of St. Peters.

95.7.2 Schedule of permit fees.

(See Appendix A of Title V of the Municipal Code of the City of St. Peters)

95.7.3 Amount due or refunds.

The code official shall authorize the refunding of money. The collection of fees due and the refunding of money shall be as follows:

1. The full amount of any fee paid hereunder which was erroneously paid or collected.
2. Refund ninety percent (90%) or collect ten percent (10%) of the permit fee when no work has been done on the site and no plan review is required, or considered a “same as” permit.
3. Refund eighty percent (80%) or collect twenty percent (20%) of the permit fee when no work has been done on the site and application required a plan review to process a permit.
4. No refund if permit has been voided; if work has been stopped; or if any work has been done at the site.

The code official shall not authorize the refunding of any fee paid, except upon written application filed by the original permittee not later than one hundred eighty (180) days after the date of fee payment.

ARTICLE 96 Inspections and testing.

96.1 General.

The code official is authorized to conduct such inspections as are deemed necessary to determine compliance with the provisions of this *Code*. Construction or work for which a permit is required shall be subject to inspection by the code official, and such construction or work shall remain accessible and exposed for inspection purposes until approved. Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this *Code* or of any ordinances of the

jurisdiction. Inspections presuming to give authority to violate or cancel the provisions of this *Code* or of any other ordinances of the jurisdiction shall not be valid. It shall be the duty of the permit applicant to cause the work to remain accessible and exposed for inspection purposes. Neither the code official nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.

96.2 Required inspections and testing.

The code official, upon notification from the permit holder or the permit holder's agent, shall make the following inspections and such other inspections as necessary, and shall either release that portion of the construction or shall notify the permit holder or an agent of any violations that must be corrected. The holder of the permit shall be responsible for the schedule of such inspections.

- (1) Underground inspection shall be made after trenches or ditches are excavated and bedded, conduit and fixtures installed, and before any backfill is put in place.
- (2) Rough-in section shall be made after the roof, framing, fireblocking, firestopping, draftstopping and bracing is in place and all wiring is roughed-in, and prior to the installation of insulation, or wall and ceiling membranes.
- (3) Final inspection shall be made after the building is complete, all electrical fixtures are in place and properly connected, and the structure is ready for occupancy.
- (4) Electrical meter inspection shall be made prior to energizing.

96.2.1 Other inspections.

In addition to the inspections specified above, the code official is authorized to make or require other inspections of any construction work to ascertain compliance with the provisions of this *Code* and other laws that are enforced by the Building department. A fee may be assessed for each additional inspection as stated in Appendix A of Title V of the Municipal Code of the City of St. Peters.

96.2.1.1 Supplemental inspection.

In addition to the required inspection heretofore specified, the code official may take other inspections, which in his/her judgment is reasonably necessary due to unusual construction or circumstances. The code official shall have the authority to inspect any construction work in order to

ascertain whether compliance with the Electrical Code is being met and in order that he/she may properly enforce the rules promulgated by this Code. These inspections may include, but are not limited to, examinations to determine whether zoning requirements are being met and may include all other phases of building construction. A fee may be assessed for each additional inspection as stated in Appendix A of Title V of the Municipal Code of the City of St. Peters.

96.2.1.2 Extra inspection.

If by judgment of the code official an inspection requested is not ready or accessible for inspection or in the judgment of the code official the applicant has caused the jurisdiction extra inspections other than typically required, a fee may be assessed for each additional inspection or re-inspection as stated in Appendix A of Title V of the Municipal Code of the City of St. Peters.

96.2.2 Inspection requests.

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

96.2.3 Approval required.

Work shall not be done beyond the point indicated in each successive inspection without first obtaining the approval of the code official. The code official, upon notification, shall make the requested inspections and shall either indicate the portion of the construction that is satisfactory as completed, or notify the permit holder or his or her agent wherein the same fails to comply with this Code. Any portions that do not comply shall be corrected and such portion shall not be covered or concealed until authorized by the code official.

96.2.4 Approved agencies.

The code official is authorized to accept reports of approved inspection agencies, provided that such agencies satisfy the requirements as to qualifications and reliability.

96.2.5 Evaluation and follow-up inspection services.

Prior to the approval of a closed, prefabricated electrical system and the issuance of an electrical permit, the code official shall require the submittal of an evaluation report on each prefabricated electrical system indicating the complete details of the electrical system, including a description of the system and its components, the basis upon which the electrical system is being evaluated, test results and similar information, and other data as necessary for the code official to determine conformance to this *Code*.

96.2.5.1 Evaluation service.

The code official shall designate the evaluation service of an approved agency as the evaluation agency, and review such agency's evaluation report for adequacy and conformance to this *Code*.

96.2.5.2 Follow-up inspection.

Except where ready access is provided to all electrical systems, service equipment and accessories for complete inspection at the site without disassembly or dismantling, the code official shall conduct the frequency of in-plant inspections necessary to ensure conformance to the approved evaluation report or shall designate an independent, approved inspection agency to conduct such inspections. The inspection agency shall furnish the code official with the follow-up inspection manual and a report of inspections upon request, and the electrical system shall have an identifying label permanently affixed to the system indicating that factory inspections have been performed.

96.2.5.3 Test and inspection records.

All required test and inspection records shall be available to the code official at all times during the fabrication of the electrical system and the erection of the building, or such records as the code official designates shall be filed.

96.3 Special inspections.

Special inspections of alternative engineered design electrical systems shall be conducted in accordance with Section 96.3.1 and 96.3.2.

96.3.1 Periodic inspection.

The registered design professional or designated inspector shall periodically inspect and observe the alternative engineered design to determine that the installation is in accordance with the approved construction documents. All discrepancies shall be brought to the immediate attention of the electrical contractor for correction. Records shall be kept of all inspections.

96.3.2 Written report.

The registered design professional shall submit a final report in writing to the code official upon completion of the installation, certifying that the alternative engineered design conforms to the approved construction documents. A notice of approval for the electrical system shall not be issued until a written certification has been submitted.

96.4 Testing.

Electrical work and systems shall be tested as required in accordance with Sections 96.4.1 through 96.4.3. Tests shall be made by the permit holder and observed by the code official.

96.4.1 New, altered, extended or repaired systems.

New electrical systems and parts of existing systems that have been altered, extended or repaired shall be tested as prescribed herein to disclose defects, except that testing is not required in the following cases:

1. In any case that does not include addition to, replacement, alteration or relocated of any electric wiring or panels.
2. In any case where electric equipment is set up temporarily for exhibition purposes.

96.4.2 Equipment, material and labor for tests.

All equipment, material and labor required for testing an electrical system or part thereof shall be furnished by the permit holder.

96.4.3 Re-inspection and testing.

Where any work or installation does not pass any initial test or inspection, the necessary corrections shall be made to comply with this *Code*. The work or installation shall then be resubmitted to the code official for inspection and testing.

96.5 Approval.

After the prescribed tests and inspections indicate that the work complies in all respects with this *Code*, a notice of approval shall be issued by the code official.

96.5.1 Revocation.

The code official is authorized to, in writing, suspend or revoke a notice of approval issued under the provisions of this *Code* wherever the notice is issued in error, or on the basis of incorrect information supplied, or where it is determined that the building or structure, premise or portion thereof is in violation of any ordinance or regulation or any of the provisions of this *Code*.

96.6 Temporary connection.

The code official shall have the authority to authorize the temporary connection of the building or system to the utility source for the purpose of testing electrical systems or for use under a temporary certificate of occupancy.

96.7 Connection of service utilities.

A person shall not make connections from a utility, source of energy to any building or system that is regulated by this *Code* for which a permit is required until authorized by the code official.

ARTICLE 97 Violations and penalties.

97.1 Unlawful acts.

It shall be unlawful for any person, firm or corporation to erect, construct, alter, repair, remove demolish or utilize any electrical system, or cause same to be done, in conflict with or in violation of any of the provisions of this *Code*.

97.2 Notice of violation.

The code official shall serve a notice of violation or order to the person responsible for the erection, installation, alteration, extension, repair, removal or demolition of electrical work in violation of the provisions of this *Code*, or in violation of a detail statement or the approved construction documents thereunder, or in violation of a permit or certificate issued under the provisions of this *Code*. Such order shall direct the discontinuance of the illegal action or condition and the abatement of the violation.

97.3 Prosecution of violation.

If the notice of violation is not complied with promptly, the code official shall request the legal counsel of the jurisdiction to institute the appropriate proceeding at law or in equity to restrain, correct or abate such violation, or to require the removal or termination of the unlawful occupancy of the structure in violation of the provisions of this *Code* or of the order or direction made pursuant thereto.

97.4 Violation penalties.

Any person who shall violate a provision of this *Code* or shall fail to comply with any of the requirements thereof or who shall erect, install, alter or repair electrical work in violation of the approved construction documents or directive of the code official, or of a permit or certificate issued under the provisions of this *Code*, shall be guilty of an offense. Each day that a violation continues after due notice has been served shall constitute a separate offense.

97.5 Stop work orders.

Upon notice from the code official, work on any electrical system that is being done contrary to the provisions of this *Code* or in a dangerous or unsafe manner shall immediately cease. Such notice shall be in writing and shall be given to the owner of the property, or to the owner's agent, or to the person doing the work. The notice shall state the conditions under which work is authorized to resume. Where an emergency exists, the code official shall not be required to give a written notice prior to stopping the work. Any person who shall continue any work in or about the structure after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be guilty of an offense. Each day that a violation continues after due notice has been served shall constitute a separate offense.

97.6 Abatement of violation.

The imposition of the penalties herein prescribed shall not preclude the legal officer of the jurisdiction from instituting appropriate action to prevent unlawful construction

or to restrain, correct or abate a violation, or to prevent illegal occupancy of a building, structure or premises, or to stop an illegal act, conduct, business or utilization of the electric on or about any premises.

97.7 Unsafe electric.

Any electrical system regulated by this *Code* that is unsafe or that constitutes a fire or health hazard; or is otherwise dangerous to human life is hereby declared unsafe. Any use of electric regulated by this *Code* constituting a hazard to safety, health or public welfare by reason of inadequate maintenance, dilapidation, obsolescence, fire hazard, disaster, damage or abandonment is hereby declared an unsafe use. Any such unsafe equipment is hereby declared to be a public nuisance and shall be abated by repair, rehabilitation, demolition or removal.

97.7.1 Authority to condemn equipment.

Whenever the code official determines that any electrical system, or portion thereof, regulated by this *Code* has become hazardous to life, health or property, the code official shall order in writing that such electrical system either be removed or restored to a safe condition. A time limit for compliance with such order shall be specified in the written notice. No person shall use or maintain defective electrical after receiving such notice.

When such electrical system is to be disconnected, written notice as prescribed in the Municipal Code of the City of St. Peters shall be given. In cases of immediate danger to life or property, such disconnection shall be made immediately without such notice.

97.7.2 Authority to disconnect service utilities.

The code official shall have the authority to authorize disconnection of utility service to the building, structure or system regulated by the technical codes in case of an emergency, where necessary, to eliminate an immediate danger to life or property. Where possible, the owner and occupant of the building, structure or service system shall be notified of the decision to disconnect utility service prior to taking such action. If not notified prior to disconnecting, the owner or occupant of the building, structure or service systems shall be notified in writing, as soon as practical thereafter.

97.7.3 Connection after order to disconnect.

No person shall make connections from any energy, power supply or distribution system to any equipment regulated by this *Code* that has been disconnected or ordered to be disconnected by the code official or the use of which has been ordered to be discontinued by the code official until the code official authorizes the reconnection and use of such equipment.

When any electrical is maintained in violation of this *Code*, and in violation of any notice issued pursuant to the provisions of this Section, the code official shall institute any appropriate action to prevent, restrain, correct or abate the violation.

ARTICLE 98 Means of appeal.

98.1 Board of Appeals.

See Chapter 410 of Title IV. Land Use of the Municipal Code of the City of St. Peters.

ARTICLE 99 Temporary equipment, systems and uses.

99.1 General.

The code official is authorized to issue a permit for temporary equipment, systems and uses. Such permits shall be limited as to time of service, but shall not be permitted for more than 180 days. The code official is authorized to grant extensions for demonstrated cause.

99.2 Conformance.

Temporary equipment, systems and uses shall conform to the structural strength, fire safety, means of egress, accessibility, light and ventilation requirements of this *Code* as necessary to ensure the public health, safety and general welfare.

99.3 Temporary utilities.

The code official is authorized to give permission to temporarily supply utilities before an installation has been fully completed and the final certificate of completion has been issued. The part covered by the temporary certificate shall comply with the requirements specified for temporary light, heat, or power in the *Code*.

99.4 Termination of approval.

The code official is authorized to terminate such permit for temporary equipment, systems or uses and to order the temporary equipment, systems or uses to be discontinued.

ARTICLE 99-A Electrical provisions.

99-A.1 Abatement of electrical hazards.

All identified electrical hazards shall be abated. All identified hazardous electrical conditions in permanent wiring shall be brought to the attention of the code official responsible for enforcement of this *Code*. Electrical wiring, devices, appliances and other equipment which is modified or damaged and constitutes an electrical shock or

fire hazard shall not be used. [F]

99-A.2 Appliance and fixture listing.

Electrical appliances and fixtures shall be tested and listed in accordance with all instructions included as part of such listing. [F]

99-A.3 Non-metallic sheathed cable.

The use of Type NM, NMC and NMS (non-metallic sheathed) cable wiring methods shall not be limited based on height, number of stories or construction type of the building or structure.

SECTION 4. Savings Clause.

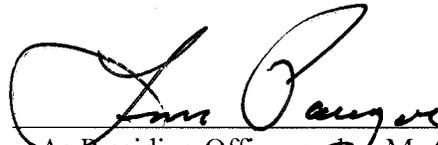
Nothing contained herein shall in any manner be deemed or construed to alter, modify, supersede, supplant or otherwise nullify any other Ordinance of the City or the requirements thereof whether or not relating to or in any manner connected with the subject matter hereof, unless expressly set forth herein.

SECTION 5. Severability Clause.

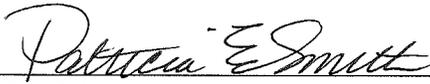
If any term, condition, or provision of this Ordinance or of the NFPA 70[®] 2014, as published by the International Electrical Code[®] Series NFPA National Electrical Code[®], or if the Amendments to the NFPA 70[®] 2014, shall, to any extent, be held to be invalid or unenforceable, the remainder hereof shall be valid in all other respects and continue to be effective and each and every remaining provision hereof shall be valid and shall be enforced to the fullest extent permitted by law, it being the intent of the Board of Aldermen that it would have enacted this Ordinance without the invalid or unenforceable provisions. In the event of a subsequent change in applicable law so that the provision which had been held invalid is no longer invalid, said provision shall thereupon return to full force and effect without further action by the City and shall thereafter be binding.

SECTION 6. This Ordinance shall be in force and take effect from and after the date of its final passage and approval.

Read two (2) times, passed, and approved this 8th day of March, 2018.



As Presiding Officer and as Mayor
Len Pagano, Mayor

Attest: 

Patricia E. Smith, City Clerk

Approved this 8th day of March, 2018.

Len Pagano, Mayor

Attest: _____
Patricia E. Smith, City Clerk

No. 6922