



AMENDING ORDINANCE
ADOPTED May 10, 2011

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ORDINANCE NO. 22420

AN ORDINANCE AMENDING TITLE 52, TULSA REVISED ORDINANCES, THE ELECTRICAL CODE OF THE CITY OF TULSA, OKLAHOMA; ADOPTING, BY REFERENCE, THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 2005 EDITION OF NFPA-70, THE "NATIONAL ELECTRICAL CODE (NFPA-70 2005)", AS PUBLISHED BY THE NATIONAL FIRE PROTECTION ASSOCIATION; PROVIDING STANDARDS FOR AND GOVERNING ELECTRICAL WIRING DESIGN, PROTECTION, AND INSTALLATION METHODS; REGULATING ELECTRICAL MATERIALS, EQUIPMENT AND APPLIANCES; ESTABLISHING STANDARDS FOR SPECIAL OCCUPANCIES AND SPECIAL EQUIPMENT; PROVIDING FOR THE ADMINISTRATION, ISSUANCE, REVOCATION, AND SUSPENSION OF CERTIFICATES OF REGISTRATION; PROVIDING FOR THE ISSUANCE OF PERMITS AND PERFORMING INSPECTIONS; REQUIRING REGISTRATION OF ELECTRICAL AND ELECTRICAL SIGN CONTRACTORS, JOURNEYMEN AND APPRENTICES; CREATING THE ELECTRICAL EXAMINING AND APPEALS BOARD, AND ESTABLISHING DUTIES AND RESPONSIBILITIES THEREFOR; PROVIDING FOR BONDING AND INSURANCE AND CASH DEPOSITS; PROVIDING FOR APPEALS; PROVIDING PENALTIES FOR VIOLATION THE ELECTRICAL CODE; REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT HEREWITH; PROVIDING FOR PRESERVATION AND PROTECTION OF EXISTING RIGHTS; PROVIDING FOR SEVERABILITY; PROVIDING THAT THE OPERATIVE DATE OF THIS ORDINANCE SHALL BE JUNE 1, 2011; AND DECLARING AN EMERGENCY.

BE IT ORDAINED BY THE CITY OF TULSA:

Section 1. That Title 52, Tulsa Revised Ordinances, be and the same is hereby amended to read as follows:

"TITLE 52

ELECTRICAL CODE

- CHAPTER 1. ADMINISTRATION**
- CHAPTER 2. AMENDMENTS TO THE NATIONAL ELECTRICAL CODE (NFPA 70-2005)**

CHAPTER 1**ADMINISTRATION**

- Section 100. Adoption of National Electrical Code, 2005 Edition (NFPA 70-2005).
- Section 101. Applicability.
- Section 102. Office of Electrical Inspection.
- Section 103. Approval.
- Section 104. Permits.
- Section 105. Permit Fees.
- Section 106. Inspections.
- Section 107. Violations.
- Section 108. Stop Work Order.
- Section 109. Electrical Examining and Appeals Board.
- Section 110. Means of Appeal.
- Section 111. Suspension or Revocation of Certificates of Registration.
- Section 112. Appeals from Decision of Code Official.
- Section 113. Registration of Unlimited Electrical Contractors.
- Section 114. Registration of Electrical Sign Contractors, Journeymen, and Apprentices.
- Section 115. Examination and Certification of Electrical Sign Contractors and Journeymen.
- Section 116. Examination and Registration Fees.

SECTION 100. ADOPTION OF NATIONAL ELECTRICAL CODE, 2005 EDITION (NFPA 70-2005)

100.1 A certain document, three (3) copies of which are on file in the Office of the City Clerk of the City of Tulsa, Oklahoma being marked and designated as the *National Electrical Code*, 2005 Edition (NFPA 70-2005), as published by the National Fire Protection Association (NFPA), is hereby adopted as part the Tulsa Revised Ordinances, hereinafter the "Electrical Code," for the control of electrical systems and equipment located in buildings and structures and their appurtenant constructions in the City of Tulsa. Each and all of the terms, conditions, regulations, provisions, and penalties of the *National Electrical Code*, 2005 Edition (NFPA 70-2005) are hereby referred to, adopted and made a part of the Tulsa Revised Ordinances as if fully set out in this title, with its amendments, if any, prescribed in Chapter 3 of this title. As used in this title, the *National Electrical Code*, 2005 Edition (NFPA 70-2005), as amended by this title, may be referred to as the "code."

100.2 Intent: This code shall be construed to ensure public health, safety and welfare insofar as they are affected by the installation and maintenance of electrical systems.
Ord. Nos. 18097, 18862, 19897, 20607, 21369

SECTION 101. APPLICABILITY

101.1 Existing Structures-Added. Except as otherwise provided in this title, this code shall not require the removal, alteration or abandonment of, nor prevent continued use of an existing electrical system.

101.2 Alteration, Additions, or Repairs-Added. The alteration, addition or repair of any electrical system shall conform to requirements for a new electrical system, without requiring the entire existing system to comply with all of the requirements of this code. Alterations, additions and repairs shall not cause an existing system to become unsafe or adversely affect the performance of the system. Where additions or alterations subject parts of an existing system to loads exceeding those permitted in this code, such parts shall be made to comply with this code.

101.3 Referenced Standards-Added. The standards referenced in this code shall be deemed incorporated by reference into this code, to the extent prescribed by each reference. Where differences occur between provisions of this code and the referenced standards, the provisions of this code shall apply.

101.4 Maintenance-Added. Electrical systems, equipment, materials and appurtenances, both existing and new, and parts thereof shall be maintained 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 code official shall have the authority to require that the electrical systems and equipment be re-inspected.

Ord. Nos. 18862, 19897, 20607, 21369

SECTION 102. OFFICE OF ELECTRICAL INSPECTION

102.1 Authority Having Jurisdiction-Added. Pursuant to Title 11, Tulsa Revised Ordinances, Chapter 2, the Director of Economic Development, the Director's designated representative, or the director of such other department, division or section designated by the Mayor, shall supervise and direct the administration of the electrical codes of the City of Tulsa.

102.1.1 Office of Electrical Inspection-Added. The Office of Electrical Inspection shall consist of the Chief Electrical Inspector, an electrical inspector who is designated by the authority having jurisdiction and is responsible for administering the requirements of this code, hereafter referred to as the "code official" as used in this title, and such assistants as may be duly employed. The code official and such assistants shall be qualified, to serve under the provisions of the charter of the City of Tulsa.

102.2 Qualifications of the Code Official-Added. The code official and each assistant shall have at least five (5) years' experience in electrical work, shall be a journeyman electrician

licensed by the state of Oklahoma, shall be licensed as an electrical inspector by the state of Oklahoma, and shall have successfully completed a national certification program for electrical inspectors.

102.3 Conflict of Interest Prohibited-Added. The code official and the code official's assistants shall not engage in, nor directly or indirectly be connected with the furnishing of labor, materials or equipment for electrical work covered by the scope of this code; nor shall they engage in any work which conflicts with official duties of the Office of Electrical Inspection.

102.4 Duties of Code Official-Added. The code official shall enforce all of the provisions of this code and shall act on any question relative to the installation, alteration and operation of electrical systems and equipment.

102.5 Authority to Disconnect Service Utilities-Added. The code official shall have the authority to authorize disconnection of utility services or energy sources to the building, structure or system regulated by this code in case of an emergency where it is necessary to eliminate an immediate hazard to life or property. The code official shall notify the serving utility and, wherever possible, the owner and occupant of the building, structure or service system of the decision to disconnect prior to taking such action. If not notified prior to disconnecting, the owner or occupant of the building, structure or service system shall be notified in writing as soon as practical thereafter. A person shall not make utility service or energy source connections to systems regulated by this code, which have been disconnected or ordered to be discontinued 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 systems.

102.6 Authority to Condemn Electrical Systems-Added. Wherever 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 systems either be removed or restored to a safe condition. A time limit for compliance with such order shall be specified in the written notice. A person shall not use or maintain a defective electrical system or equipment after receiving such notice.

Ord. Nos. 18097, 18862, 19897, 20607, 21369

SECTION 103. APPROVAL

103.1 Approved Materials and Equipment-Added. All materials, equipment, and devices approved by the code official for use under the administration of this code shall be constructed and installed in accordance with such approval.

103.2 Alternative Materials and Equipment-Added. The provisions of this code shall not prevent the installation of any material or prohibit any method of construction not specifically prescribed by this code, provided that the alternative material or method has been approved by the code official. An alternative material or method of construction shall be approved when the code official finds that the proposed design satisfactorily complies with the

intent of this code, and that the material, method, or work offered is for the purpose intended. Any and all alternative materials or methods of construction shall be equal to or greater in quality, strength, effectiveness, fire resistance, durability and safety than that prescribed in this code.

103.3 Labeling-Added. Electrical materials and equipment regulated by this code shall be listed and labeled by an Occupational Safety & Health Administration (OSHA) Nationally Recognized Testing Laboratory, indicating that they have been tested and evaluated for the intended application by an approved agency, unless they are otherwise approved as provided this title.

Exception:

Unlabeled Equipment. The following procedures shall be employed for acceptance of any unlabeled equipment:

1. The appliance or equipment shall be investigated and tested by a Professional Engineer, registered in the state of Oklahoma, who is qualified in the field of, and familiar with the specific appliance or equipment to be tested. The Engineer shall not be affiliated in any manner with the manufacturing or distribution of the appliance or equipment.
2. A letter bearing the signature and seal of the Registered Engineer, registered in the State of Oklahoma shall be furnished to the code official, which shall include the following information:
 - a. A statement requesting a variance from the labeling requirements set forth in Section 110.3 of the National Electrical Code.
 - b. A specific description of the appliance or equipment with the model and serial numbers.
 - c. The purpose the appliance or equipment is to serve.
 - d. The type of investigation and test performed. Testing and evaluation shall be in accordance with National Fire Protection Association (NFPA) Standard 791, *Recommended Practice and Procedures for Unlabeled Electrical Equipment Evaluations*.
 - e. The date and results of the investigation and test performed.
 - f. A statement from the engineer that the equipment is safe for its intended use.

g. The code official shall approve the letter before the appliance or equipment installation shall be accepted pursuant to this exception.

103.5 Construction Documents-Added. Any construction documents, including plans and specifications that are required by this code or any other adopted code governing construction, shall be kept at the site of work and shall be open to inspection by the code official.
Ord. Nos. 18097, 18862, 19897, 20607, 21369

SECTION 104. PERMITS

104.1 Payment of Fees-Added. No permit shall be issued until the fees prescribed in Title 49 Tulsa Revised Ordinances have been paid.

104.2 Permit Required-Added. No person, firm, partnership, corporation, or limited liability company shall do or cause to be done any electrical work without first having obtained an electrical permit or electrical sign permit, as applicable, from the Office of Electrical Inspection. Electrical permits and electrical sign permits shall not be transferable.

104.3 Permits Not Required-Added. No permits shall be required for minor repairs, if the repair work does not require alteration or rearrangement of the electrical installation.

104.4 Qualification of Applicants-Added. No electrical permit or electrical sign permit shall be issued to any person, firm, partnership, corporation, or limited liability company until such person, firm, partnership, corporation or limited liability company has produced clear and convincing evidence of having in their possession the required licenses, registrations, bonds, and insurance coverage established in Sections 113 and 114 of this title and applicable Oklahoma Statutes.

104.5 By Whom Application is Made-Added. An application for an electrical permit shall be made by the contractor employed to perform the work. In lieu of a written application, an applicant may call the City's Permit Center and give the address of the work site and a description of the work to be done.

104.6 Issuance of Permits-Added. It shall be the duty of the code official to issue a permit allowing such person, firm, partnership, corporation, or limited liability company to perform the electrical work covered by an application, provided construction plans for the electrical work comply with the ordinances of the City of Tulsa.

104.8 Expiration of Permit by Abandonment, Grant of Extensions-Added. Work authorized by any permit issued shall commence within ninety (90) days of issuance. If the work authorized is not commenced within ninety (90) days after issuance, or if the work authorized by such permit is commenced within ninety (90) days, but after such period it appears that the work has been suspended or abandoned without substantial progress, as determined by the code official, then the permit shall be deemed to have expired by abandonment. Notwithstanding the

previous requirements, the code official is authorized to grant, in writing, one (1) or more extensions of a permit, for periods of not more than ninety (90) days each. Any extension shall be requested by an applicant in writing, providing the code official with just cause for granting the extension.

104.9 Revocation of Permit-Added. The code official shall revoke any permit or approval issued pursuant to this code, in the event it is discovered that the permit or approval was issued based upon a false statement or misrepresentation of fact materially affecting the permit application or construction documents.

104.10 Annual Permits-Added. Regardless of requirements contained in this title for the issuance of permits, an annual permit may be issued to any qualified person, firm, partnership, corporation, or limited liability company owning and operating a commercial, industrial, utility, processing, or institutional plant within the City of Tulsa, provided issuance is consistent with all other provisions of the Tulsa Revised Ordinances.

Ord. Nos. 18097, 18862, 19897, 20607, 21369

SECTION 105. PERMIT FEES

105.1 General-Added. A permit to begin work for new construction or alteration shall not be issued until the prescribed fees shall have been paid, nor shall an amendment to a permit necessitating an additional fee because of the additional work involved be approved until the additional fee has been paid in accordance with Title 49, Tulsa Revised Ordinances.

105.2 Escrow-Added. In lieu of paying cash for each permit, contractors may deposit with the City of Tulsa a sum of money, to be determined by such contractor, to cover anticipated costs for permits and inspections. Such an escrow deposit, when made, shall authorize the City of Tulsa to use the funds for the payment of any and all permit and inspection fees. Such funds shall be held in trust on behalf of the contractor in a non-interest bearing account. When requested, a monthly statement showing all deposits, withdrawals, and the account balance shall be made available to the contractor.

Ord. Nos. 18097, 18170, 18862, 19897, 20607, 21369

SECTION 106. INSPECTIONS

106.1 Inspection Required-Added. When any electrical work is performed for which a permit is required, such work shall be inspected by the code official. When inspecting materials and labor, the code official shall inspect only the material and labor furnished and performed by the electrical contractor and shall approve or reject that work on its merits. In the event the code official finds valid reasons to require other electrical work to be performed on, in, or about the premises, the code official shall treat such work as separate and shall give notice to the owner of other work required as provided in this code.

106.2 Request for Inspection-Added. It shall be the duty of the person, firm, partnership, corporation, or limited liability company holding permits to perform electrical work to notify the Office of Electrical Inspection as soon as any electrical work is ready for inspection.

106.3 Time of Inspection-Added. The code official shall make an inspection within forty-eight (48) hours after the inspection is called for by a contractor. Weekends and holidays recognized by the City of Tulsa shall not be included in computing this forty-eight (48) hours.

106.4 Work Open for Approval-Added. Work shall not be performed 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 shall notify the permit holder or an agent of the permit holder in what manner the work fails to comply with this code. Any portions that do not comply shall be corrected and such portion shall not be covered, concealed or occupied until authorized by the code official. Work that is covered or concealed, or a residence that is occupied without approval of the code official shall be in violation of this code and the responsible person shall be penalized by the imposition of a civil fine in accordance with Title 49, Tulsa Revised Ordinances for each occurrence and may result in a hearing before the Electrical Examining and Appeals Board. The assessment or payment of this penalty shall not relieve any person from fully complying with all the requirements of this code nor shall such payment exempt the person from further penalty provided by law.

106.5 Notices and Certificates of Inspection-Added. Upon inspection, the code official shall, if the work complies with this code, issue a certificate of inspection indicating approval of the work. Such work may then be concealed. In the event the work does not obtain the code official's approval, the code official shall leave a written notice identifying the deficiencies. Appropriate corrections and re-inspection shall be made and approval shall be given by the code official before such work may be concealed.

106.6 Removal of Inspection Notice-Added. It shall be unlawful, an offense and a misdemeanor for anyone, other than the code official, to remove a rejection or a passed inspection notice, until all work has been completed in its entirety by all trade inspectors.

106.7 Alteration After Inspection-Added. It shall be unlawful, an offense and a misdemeanor for any person, firm, partnership, corporation, or limited liability company to alter any electrical work after its final inspection unless a permit is obtained from the Office of Electrical Inspection for such alteration.

106.8 Exception for Emergencies-Added. For emergency work outside regular business hours, including weekends and holidays, a utility company may connect electrical service to any electrical installation which the utility company deems to be safe. In such cases, the utility company shall notify the Office of Electrical Inspection no later than the first work day after the electrical connection was made so the installation can be inspected.

106.9 Final Inspection-Added. Upon completion of the electrical work, a final inspection shall be performed. The code official shall, if the work complies with the code, issue a certificate of inspection indicating approval of the work. In the event the work does not receive the code official's approval, the code official shall leave written notice identifying the deficiencies. Appropriate corrections and re-inspections shall be made before any final approval.

106.10 Other Inspections-Added. In addition to the inspections specified in this title, the code official is authorized to make or require other inspections of any work to ascertain compliance with the provisions of this code and other laws that are enforced by the code official.

106.11 Downtime and Reconnect Inspections-Added. Downtime and Reconnect Inspections authorize the electric utility to disconnect and reconnect an electrical service on permitted work before an inspection by the code official with the following conditions:

1. The service that is being altered is currently in use.
2. A permit has been issued for the work to be performed.
3. The request shall be made twenty-four (24) hours in advance and cleared with the electric utility.
4. The electrical contractor shall contact the Office of Electrical Inspection, who shall complete the application and forward it to the electric utility.
5. Immediately upon completion of the installation, the electrical contractor shall call for an inspection.
6. The contractor, in advance of the inspection and in coordination with the electric utility, shall remove all meter, cabinet, and panel covers.
7. Violation of these conditions may result in the electrical contractor being prohibited from requesting Downtime and Reconnect Inspections in the future.

106.12 Right of Entry-Added. In the discharge of the code official's duties, the code official or the official's authorized representative shall have the authority to enter, at any reasonable time, any structure or premises to enforce the provisions of this code.

106.13 Coordination of Inspections-Added. Whenever the responsibility of more than one code official of the jurisdiction is involved in the enforcement of this code or any other code or ordinance, it shall be the duty of the code officials involved to coordinate their inspections and administrative orders as fully as practicable so that the owners and occupants of the structure shall not be subjected to multiple visits by code officials or multiple or conflicting orders. Whenever a code official from any agency or department observes an apparent or actual

violation of some law, ordinance, or code not within the code official's authority to enforce, the code official shall report the findings to the code official having jurisdiction.

Ord. Nos. 18097, 18501, 18862, 19897, 20607, 21369

SECTION 107. VIOLATIONS

107.1 Unlawful Acts-Added. It shall be unlawful, an offense and a misdemeanor for any person, firm, partnership, corporation, or limited liability company to erect, construct, alter, repair, remove, demolish, or operate electrical equipment regulated by this code, or cause same to be done, in conflict with or in violation of any provision of this code.

107.2 Notice of Violation-Added. The code official shall serve a notice of violation or order on the person responsible for the erection, installation, alteration, extension, repair, removal, demolition, or operation of electrical equipment or systems in violation of this code, a detailed statement or approved construction documents, or a permit or certificate issued under the provisions of this code. The order shall direct the person responsible to discontinue the illegal action or condition and to abate the violation.

107.3 Prosecution of Violation-Added. If the notice of violation is not corrected within seven (7) days of the notice or order being served, or within any extension granted in writing by the code official, the code official shall file a written complaint in Municipal Court or shall request the City Attorney 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 use of the structure in violation of the provisions of this code or of any order, notice or direction served.

107.4 Violation Penalties-Added. Any person violating any of the provisions of this code, a permit or certificate issued under the provisions of this code, approved construction documents or the order, notice, or directive of the code official shall be guilty of a misdemeanor offense and, upon conviction thereof, shall be punished by a fine of not more than FIVE HUNDRED DOLLARS (\$500.00), excluding costs, fees, and assessments, or by imprisonment in the City Jail for a period not exceeding ninety (90) days, or by both such fine and imprisonment. Each day that a violation continues after an order or notice has been served shall be deemed a separate offense.

107.5 Abatement of Violation-Added. Imposition of criminal penalties prescribed in this title shall not preclude the City Attorney from instituting appropriate action to restrain or enjoin unlawful construction, the illegal occupancy of a building, or to stop an illegal act, conduct, business, or operation of electrical equipment or systems, or to abate any such violation.

107.6 Penalty Fee Authorized-Added. If work is initiated prior to the issuance of the required permit, a penalty fee shall be charged, in addition to any regular permit fees. The penalty fee shall be in accordance with Title 49, Tulsa Revised Ordinances. The assessment or payment of this fee shall not relieve any person from fully complying with all requirements of

this code nor shall such payment exempt the persons from further penalty, such as suspension or revocation of their certificate of registration.

Exception: For emergency work started outside regular business hours, including weekends and holidays, a permit must be obtained no later than the first business day after the work is started. Upon satisfactory proof of such emergency, no penalty fee shall be imposed.

Ord. Nos. 18097, 18862, 19897, 20607, 21369

SECTION 108. STOP WORK ORDER

108.1 Notice-Added. Upon notice from the code official that work on any structure is being conducted contrary to the provisions of this code or in an unsafe and dangerous manner, such work shall be immediately stopped. A stop work order shall be in writing and shall be given to the owner of the property involved, or to the owner's agent, or to the person doing the work. The stop work order shall state the conditions under which work will be permitted to resume. Where the code official determines that emergency exists, which poses an imminent threat to life, health or property, the code official shall not be required to give written notice prior to issuing a stop work order.

108.2 Unlawful Continuance-Added. Any person who shall continue any work after having been served with a stop work order, except such work as he is directed to perform to remove a violation or unsafe condition, shall be guilty of a misdemeanor offense as prescribed in Section 107.4 of this title.

108.3 Unsafe Electrical Systems-Added. An electrical system that is unsafe, constitutes a fire or health hazard, or is otherwise dangerous to human life, as regulated by this code, is hereby declared an unsafe electrical system. Use of an electrical system regulated by this code constituting a hazard to health, safety or welfare by reason of inadequate maintenance, dilapidation, fire hazard, disaster, damage or abandonment is hereby declared to be a public nuisance, and shall be abated by repair, rehabilitation, demolition or removal.

Ord. Nos. 18097, 18862, 19897, 20607, 21369

SECTION 109. ELECTRICAL EXAMINING AND APPEALS BOARD

109.1 Electrical Examining and Appeals Board-Added. There is hereby created an Electrical Examining and Appeals Board, hereinafter referred to as "the Board."

109.2 Membership of Board-Added.

A. The Board shall be composed of the following seven (7) members, appointed by the Mayor and confirmed by the City Council:

Two (2) electrical contractors,

Two (2) electrical journeymen,
 One (1) registered electrical engineer;
 One (1) registered architect, and
 One (1) representative from the building construction or development community.

B. Terms of office for the Board members shall be three (3) years and commence on July 1. Upon the death, removal or resignation of any member, a new member shall be appointed to complete the unexpired term of such member. All members shall continue to serve until their successors have been confirmed.

C. Four (4) members of the Board shall constitute a quorum.

109.3 Officers-Added. At the July meeting of each year, the Board shall elect one of its members as chairman and one as vice-chairman, both to serve for the ensuing year. The code official shall serve, *ex officio*, as a nonvoting secretary of the Board.

109.4 Powers and Duties-Added.

A. The Board shall hear all appeals from decisions of the code official and shall interpret the provisions of this code whenever a dispute arises as to the meaning or intent of any provision. In the event of a dispute between interested parties, the code official may, as necessary, order part or all of the electrical work to cease; provided that within twenty (20) days after an order from the code official has been issued, the contractor may file a written notice of appeal with the Board and, pending determination of the appeal, may then proceed with the work at the contractor's own risk.

B. The Board shall serve as an advisory board to the City Council with respect to technological advances in electrical equipment standards, in installation and performance, and other related matters.

C. The Board may suspend or revoke any certificate of registration issued pursuant to this code, if it finds that the holder of the registration has:

1. Made a material misstatement in an application for registration or renewal,
2. Loaned or illegally used the holder's registration, or
3. Violated any provision of this code.

D. The Board shall adopt rules of procedure for the transaction of its business.

E. Attendance. Each member of the Board shall attend all Board meetings except for reasons beyond the member's control. Any member who misses three (3) consecutive meetings of the Board shall be recommended to the Mayor for removal and replacement.

F. The Board shall examine, test and issue certificates of competency to applicants for registration as electrical sign contractors and electrical sign journeymen.

109.5 Conflict of Interest Prohibited-Added. No member of the Board shall participate in any Board action in which that member has any personal, professional, or financial interest.

109.6 Compensation-Added. Each member of the Board, excluding *ex officio* members, shall be compensated in accordance with Title 49, Tulsa Revised Ordinances for each meeting attended, but not in excess of two (2) meetings per calendar month.

109.7 Meetings of Board-Added. The Board shall meet at the call of the chairman or three members of the Board. Insofar as possible, all business meetings shall be conducted in accordance with the parliamentary rules set forth in *Robert's Rules of Order*. Prior to each meeting, a complete agenda and the minutes of the previous meeting shall be transmitted to all Board members.

109.8 Record of Proceedings-Added. The Office of Electrical Inspection shall maintain records of all proceedings of Board meetings and a roster of all persons currently registered with the Board.

Ord. Nos. 18097, 18862, 19897, 20607, 21369

SECTION 110. MEANS OF APPEAL

110.1 Appeals Hearings-Added.

110.1.1 Open Hearing-Added. All hearings before the Board shall be open to the public. The appellant, the appellant's representative, the code official and any person whose interests are affected shall be given an opportunity to be heard.

110.1.2 Procedure-Added. The Board shall adopt and make available to the public through the secretary procedures under which hearings will be conducted. The procedures shall not require compliance with strict rules of evidence, but shall mandate that only relevant information be received.

110.2 Acts of the Board Final Unless Appealed-Added. Any rulings, requirements, decisions, or interpretations of the Board shall be final and binding upon all parties, unless modified or reversed on appeal to the City Council.

110.3 Appeals to City Council-Added. Any persons aggrieved by a decision of the Board may perfect an appeal to the City Council by filing a written notice of appeal with the City Clerk and the Board within ten (10) days from the date of the Board's action. Such notice shall specify the grounds for the appeal. A hearing on the appeal shall be commenced by the Council

no later than thirty (30) days from the date the notice of appeal was filed with the City Clerk. The City Council shall have jurisdiction to affirm, modify, reverse or remand the action of the Board upon good cause shown. Any rulings, requirements, or decision of the Council shall be final and binding, provided that any right of appeal to the courts shall not be abrogated.

110.4 Enforcement Stayed-Added. If any ruling or decision of the Board is appealed to the City Council, enforcement of the ruling or decision by the Board shall be stayed until the City Council has rendered its decision.

110.5 Computation of Time-Added. In computing any period of time prescribed or allowed by this title, the day of the act, event, or default from which the designated period of time begins to run shall not be included. The last day of the period computed shall be included, unless it is a legal holiday as recognized by the City of Tulsa, or any other day when the office of the City Clerk does not remain open for public business until its regularly scheduled closing time, in which event the period shall run until the end of the next day which is not a legal holiday or a day when the office of the City Clerk does not remain open for public business until its regularly scheduled closing time. Unless the context of a period of time clearly indicates otherwise, a period of time prescribed in days shall be calendar days, including holidays and any other day when the office of the City Clerk is not open for public business until its regularly scheduled closing time.

Ord. Nos. 18097, 18862, 19897, 20607, 21369

SECTION 111. SUSPENSION OR REVOCATION OF CERTIFICATES OF REGISTRATION

111.1 Written Complaint-Added. Upon the Board's receipt of a written complaint filed by the code official or any aggrieved person, or upon the Board's own motion, the Board shall investigate the complaint as it deems necessary and afterwards shall hold a hearing on the complaint.

111.2 Notice of Hearing-Added. Within ten (10) days after the filing of a written complaint, the Board shall serve written notice of the complaint upon the certificate holder. The notice shall be served either personally or by certified mail, return receipt requested, at least ten (10) days prior to any scheduled hearing, and shall include:

- A. A statement of the date, time, place, and nature of the hearing;
- B. A statement of the legal authority and jurisdiction under which the hearing is to be held;
- C. A reference to the particular section(s) of the code and rules involved;
- D. A short, plain statement of the complaint and a statement of the issues before the Board;

E. A statement that the nature of the proceeding before the Board will be an informal inquiry into the complaint at which time an opportunity will be afforded for the individual to respond to the allegations in the complaint by his testimony, the testimony of witnesses, or documentary evidence;

F. A statement that the individual has a right to be represented by legal counsel; and

G. A statement that, based upon the evidence presented at the hearing, the Board shall decide either to dismiss the complaint or to suspend or revoke the individual's certificate of registration.

111.3 Board Decision-Added. A decision to revoke or suspend a certificate of registration shall require the concurring vote of at least four (4) members of the Board.
Ord. Nos. 18097, 18862, 19897, 20607, 21369

SECTION 112. APPEALS FROM DECISIONS OF CODE OFFICIAL

112.1 Appeal-Added. Any person aggrieved by a decision of the code official may appeal to the Board. The appeal shall be in writing and shall be filed with the Board within twenty (20) days after the code official's decision was served. Such appeal shall:

A. Set forth in detail the precise decision or requirement being appealed;

B. State precisely why the decision or requirement is in error;

C. Designate the section(s) of the electrical code, the statute(s) or the ordinances(s) which support(s) the appellant's position; and

D. Be accompanied by a fee in accordance with Title 49, Tulsa Revised Ordinances.

112.2 Notice of Hearing-Added. The Board shall meet upon notice from the chairman within ten (10) days of the filing of an appeal, or at a stated periodic meeting. The aggrieved party shall be notified by regular mail of the date, time and place of the hearing.

112.3 Board Decision-Added. The Board shall affirm, modify, or reverse the decision of the code official by a concurring vote of at least four (4) members. A decision of the Board on a technical dispute shall be *res judicata* and the Board may, in its discretion, refuse to hear appeals involving interpretation of codes, statutes, or ordinance provisions upon which a decision by the Board has been previously made. When the Board feels that a decision made by it has industry-wide implications, the Board may direct its secretary to advise all registered contractors by letter of such decision.

112.4 Appeals to the City Council-Added. Any person aggrieved by a decision of the Board may perfect an appeal to the City Council by filing a written notice of appeal with the City Clerk and the Board within ten (10) days from the date of the action of the Board. Such notice shall specify grounds for the appeal. A hearing on the appeal shall be commenced by the Council no later than thirty (30) days from the date the notice of appeal was filed with the City Clerk. The City Council shall have jurisdiction to affirm, modify, reverse or remand the action of the Board. Any rulings, requirements, or decision of the Council shall be final and binding, provided that any right of appeal to the courts shall not be abrogated.

Ord. Nos. 18097, 18862, 19897, 20607, 21369

SECTION 113. REGISTRATION OF UNLIMITED ELECTRICAL CONTRACTORS

113.1 General-Added. No person, firm, partnership, corporation, or limited liability company shall be issued a permit, engage or offer to engage in, by advertisement or otherwise, electrical work in the City of Tulsa unless such person, firm, partnership, corporation, or limited liability company has registered with the Electrical Examining and Appeals Board as provided in this title. All unlimited contractors shall carry on their person, at all times while performing electrical work within the City of Tulsa, their state license and City certificate of registration and shall display the same upon request from the code official or a police officer of the City of Tulsa.

113.1.1 Apprentice Supervision-Added. No person issued a contractor's license shall employ or supervise persons performing electrical work unless those person(s) are licensed. In addition, no person issued a contractor's license shall allow any apprentice to perform electrical work unless the apprentice is directly supervised by a person licensed. If an apprentice works without this required supervision, both the electrical contractor license holder and the apprentice shall be guilty of this offense.

113.1.2 Apprentice Registration and Journeymen Licensing-Added. Each electrical journeyman and apprentice shall carry on their person a copy of their license with the State of Oklahoma and shall display the same upon request from the code official or a police officer off the City of Tulsa.

113.2 Requirements for Registration-Added. No person, firm, partnership, corporation, or limited liability company shall be issued a certificate of registration unless the City shall have been furnished proof of the issuance of a current state of Oklahoma unlimited contractor license issued under the provisions of 59 O.S.2001, §§ 1680, *et seq.*, as amended, and the fees established in Title 49 Tulsa Revised Ordinances shall have been paid to the City.

113.3 Transfer of Registration Prohibited-Added. No person, firm, partnership, corporation, or limited liability company shall allow its name to be used by any other person, firm, partnership, corporation, or limited liability company to obtain any permit or do any electrical work under its registration.

113.4 Registration after Revocation-Added. No person, firm, partnership, corporation, or limited liability company shall be permitted to obtain a new registration within one (1) year from the date of revocation of any prior registration.

113.5 Expiration of Registration-Added. Registrations of state licensed contractors shall expire on the birth date of the licensee each year.

113.6 Identification of Service Vehicles-Added. Every contractor shall identify all service vehicles used in the contractor's business with the company name and contractor's license number. Such letters and numbers shall be no less than two (2) inches in height, shall be of a contrasting color, and shall be placed on both the driver's and passenger's side of all service vehicles.

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SECTION 114. REGISTRATION OF ELECTRICAL SIGN CONTRACTORS, JOURNEYMEN, AND APPRENTICES

114.1 General-Added. No person, firm, partnership, corporation, or limited liability company shall be issued a permit, engage or offer to engage in, by advertisement or otherwise, electrical sign work in the City of Tulsa unless such person, firm, partnership, corporation, or limited liability company has received a certificate of registration from the Board as provided in this title. All electrical sign contractors, electrical sign journeymen and electrical sign apprentices shall carry on their person, at all times while performing electrical sign work within the City of Tulsa, their City registration and shall display the same upon request from the code official or a police officer of the City of Tulsa.

114.1.1 Apprentice Supervision-Added. No person registered as an electrical sign contractor shall employ or supervise persons performing electrical sign work unless those person(s) are registered as required in this title. In addition, no person issued an electrical sign contractor's license shall allow any apprentice to perform electrical sign work unless the apprentice is directly supervised by either a registered electrical sign contractor or a registered electrical sign journeyman. If an apprentice works without this required supervision, both the electrical sign contractor and the apprentice shall, upon conviction, be guilty of a misdemeanor offense.

114.2 Requirements for Registration-Added. No person, firm, partnership, corporation, or limited liability company shall be issued a certificate of registration until it has been issued a certificate of competency by the Board, and for registration as an electrical sign contractor, has provided the insurance and bond required in this title.

114.2.1 Use of Registrant's Name or Registration by Another Prohibited-Added. No person, firm, partnership, corporation, or limited liability company registered as an electrical sign contractor shall allow its name or registration to be used by any other firm, partnership,

corporation, limited liability company, or person not an employee of the registrant, to obtain any permit or do any electrical sign work under its registration.

114.3 Insurance Requirements. Any applicant for registration as an electrical sign contractor shall furnish evidence of insurance for public liability and property damage in an amount not less than Twenty-five Thousand Dollars (\$25,000.00) for bodily injury to or death of one (1) person in any single accident; in an amount not less than Fifty Thousand Dollars (\$50,000.00) for personal injury to or death of more than one (1) person in a single accident; and in an amount not less than Five Thousand Dollars (\$5,000.00) for property damage. Such insurance shall be written by a solvent insurance or bonding corporation, mutual association or reciprocal or inter-insurance association in good standing, duly licensed to transact business within the state of Oklahoma and provide that the policy cannot be canceled, terminated or modified without giving ten (10) days' prior written notice to the City of Tulsa.

114.4 Bond Requirements-Added. Any applicant for registration as an electrical sign contractor shall file with the City of Tulsa a bond in the amount of Five Thousand Dollars (\$5,000.00) limited to the City's benefit, which bond shall guarantee that the principal will pay promptly all charges or fees established by the City of Tulsa which are required to be paid by such contractor. The bond shall be further conditioned that the principal shall indemnify and save the City of Tulsa harmless from any and all loss, cost, damage expense, actions or liability, including reasonable attorney fees, which the City of Tulsa may be required to pay by reason of any work performed by the principal or his agents in the use of streets, alleys or public property of the City of Tulsa, or by reason of the principal's engaging in the electrical contracting business in the City of Tulsa or by the neglect, failure or refusal of the principal to perform all electrical sign work in strict accordance with this code.

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114.5 Registration after Revocation-Added. No person, firm, partnership, corporation, or limited liability company shall be permitted to obtain a new registration within one (1) year from the date of revocation of any prior registration.

114.6 Expiration of Registration-Added. Registration of electrical sign contractors, electrical sign journeymen, and electrical sign apprentices shall expire each year, on the first day of the month after the birth month of the registrant; provided that registrations for any firm, partnership, corporation, or limited liability company shall expire annually on the last day of July.

114.7 Identification of Service Vehicles-Added. Every electrical sign contractor shall identify all service vehicles used in the contractor's business with the company name and contractor's license number. Such letters and numbers shall be no less than two (2) inches in height, shall be of a contrasting color to the vehicle and shall be placed on both the driver's and passenger's side of all service vehicles.

SECTION 115. EXAMINATION AND CERTIFICATION OF ELECTRICAL SIGN CONTRACTORS AND JOURNEYMEN

115.1 General-Added. The Electrical Examining and Appeals Board shall administer written examinations to the classes of contractors and journeymen established in this code. Examinations shall be appropriate to the certificate of competency sought and shall reflect the knowledge and experience required to perform the work of the particular class. Persons possessing an unlimited journeyman electrician's license issued by the state of Oklahoma shall be eligible to be registered as an electrical sign journeyman without having to complete an examination.

115.2 Application for Examinations-Added. Persons desiring to take an examination to obtain a certificate of competency as required by this code shall make application to the Board's secretary, in person, by 12:00 noon on the fourth Tuesday of the month preceding the month of the examination. All applications for examinations must be signed by the applicant and must be accompanied by the examination fee required in this title.

115.3 Failure to Appear-Added. If an applicant fails to appear at the designated time for examination, the examination fee shall be forfeited; provided, that an applicant who notifies the Board that the applicant does not wish to take the examination for which the fee has been paid, may request a refund of the entire fee, if the examination has not been mailed by the testing agency. If the examination has been mailed, only that portion of the fee not charged by the testing agency shall be refundable. The Board shall have sixty (60) days to determine the refundable amount and to produce the refund.

115.4 Issuance of Certificates of Competency-Added. Contractor and journeyman applicants receiving a grade of seventy-five percent (75%) or higher on the written examination shall be issued a certificate of competency appropriate to the examination administered by the Electrical Examining and Appeals Board. All certificates of competency for contractors and journeymen shall be signed by the chairman of the Board, attested by the secretary and shall show the date of the successful examination. Such certificates shall be consecutively numbered and the Office of Electrical Inspection shall keep a record of all certificates issued.

115.5 Reexamination-Added. An applicant must wait for any previous examination score before making application for reexamination. The schedule for reexamination shall be as follows:

A. First Failure of Examination Two (2) months for reexamination

B. All failures thereafter Four (4) months for reexamination

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SECTION 116. EXAMINATION AND REGISTRATION FEES

116.1 Examination Fees-Added. Fees paid for examinations shall be in accordance with Title 49, Tulsa Revised Ordinances.

116.2 Registration Fees-Added. Registrations of state licensed unlimited electrical contractors shall expire each year on the birth date of the licensee; provided that registrations for any firm, partnership, corporation, or limited liability company shall expire annually on the last day of July. Fees shall be charged for certificates of registration and renewals in accordance with Title 49, Tulsa Revised Ordinances.

Renewal applications may be made in person or by mail to the Permit & License Center. Either the original or a photocopy of the expiring certificate of registration for the electrical sign contractors, journeymen or apprentice or a new state license for unlimited electrical contractors shall accompany the check or money order for the required fee.

116.3 Expired Certificates of Registration-Added. When the certificate of registration for any registration authorized in this title has been expired for one (1) year or more, the former certificate holder shall be reexamined in accord with the requirements of this title before a new certificate of registration shall be issued.

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CHAPTER 2**AMENDMENTS TO NATIONAL ELECTRICAL CODE, 2005 EDITION**

Section 200. Amendments to National Electrical Code, 2005 Edition.

SECTION 200. AMENDMENTS TO NATIONAL ELECTRICAL CODE, 2005 EDITION

The following sections of the National Electrical Code, 2005 Edition (NFPA 70-2005) are hereby added, deleted or amended to read as follows:

200.0 Compliance with Utility Company Regulations-Added. All electric metering equipment, the ownership and responsibility for which rests with the electric utility company furnishing electricity to such meter, shall be placed, wired, installed and equipped in accordance with the rules and regulations of such electric utility company.

ARTICLE 100 DEFINITIONS-Amendatory

Article 100 of the *National Electrical Code*, 2005 Edition (NFPA 70-2005) is adopted as published, provided that the following definitions in Article 100 are added to read as follows:

Board of Appeals or Electrical Board. The City of Tulsa Electrical Examining and Appeals Board.

Bracketing. The installation of open wires, supported by metal or wood brackets, along or across the exterior of buildings.

Code Official. The officer or other designated authority charged with the administration and enforcement of this code or a duly authorized representative.

Dressing Room. A room designed for the purpose of storage of clothing.

Direct Personal Supervision. The contractor or journeyman shall be on the job with and in sufficient proximity to the apprentice so as to properly supervise the apprentice, considering the skill and experience of the apprentice and the complexity of the work being performed.

Electrical Fence Charger System. A labeled circuit arrangement, whether energized by a battery or other electrical power source, which does or is designed or intended to impart an electrical shock to any person or animal coming in contact with such un-insulated conductors.

210.3 Reuse of Damaged Electrical Materials, Equipment, and Appliances-Added. Damaged materials, equipment, appliances and devices shall not be reused unless such elements have been reconditioned, tested, and placed in good and proper working condition and approved by a Nationally Recognized Testing Laboratory, as referenced in Title 52, Chapter 1, 103.3, or by the manufacturer of the equipment. Electrical equipment damaged by natural or man-made disasters shall be reused only as recommended by the manufacturer of such equipment.

210.8.1 Wiring Method-Added. Branch circuit and feeder wiring installed in all commercial, industrial, and institutional properties shall be in an approved raceway or an approved metallic cable assembly.

Exception: Systems operating at seventy one (71) volts or below, which are installed in accordance with the National Electrical Code. Type NM Cable shall not be installed in commercial, industrial, or institutional properties.

210.11.1 Appliance Circuits-Added. The following electrical appliances shall be on independent circuits with the proper over-current protection: electric ranges, built-in microwaves, electric dryers, electric bathroom heaters, air-conditioners and electric water heaters. Ovens and surface mounted cooking units may be placed on the same circuit. Attic fans and furnaces may be placed on the same circuit. Food disposers and dishwashers may be placed on the same circuit.

210.12.1 Cutting, Notching, and Boring-Added. The cutting, notching and boring of wood and steel framing members, structural members and engineered wood products shall be in

accordance with the ICC International Building Code or the ICC International Residential Code, as adopted by the City of Tulsa.

210.22.1 Permanent Labels-Added. Permanent labels shall be installed to indicate the address or location served by individual meters for multi-occupancy buildings. The permanent labels shall be embossed or engraved plaques, screwed or riveted to the service disconnect.

210.52 Dwelling Unit Receptacle Outlets, Subsection C Countertops, Paragraph 5 Receptacle Outlet Location, Exception (2)-Amendatory. Section 210.52(C)(5), Exception (2), of the National Electrical Code is intentionally deleted from Section 210.52 of this code.

210.52.1 Luminaries and Receptacles-Added. A branch circuit shall be permitted to supply lighting units or other utilization equipment, or a combination of both, and shall comply with 210.23(A)(1) and (A)(2) or the National Electrical Code.

210.52.2 Residential Installation-Added. In residences there shall be no more than a combination of eight (8) luminaries and receptacle outlets placed on a fifteen (15) ampere circuit, and no more than ten (10) luminaire and receptacle outlets place on a twenty (20) ampere branch circuit

210.52.3 Unfinished Rooms-Added. Unfinished rooms located within new dwellings are not required to comply with the National Electrical Code concerning the number and placement of receptacle(s) and luminaire(s). An unfinished room is defined as a room having either the floor decking or heating/air conditioning not installed.

210.52.4 Receptacles on Dwelling Unit Kitchen Islands and Peninsulas-Added. The receptacles required on dwelling unit kitchen islands and peninsulas by 210.52(C)(2) and (C)(3) of the National Electrical Code shall not be located below the countertop.

210.70.1 Luminaires in Dwelling Unit Dressing Rooms-Added. In dressing rooms, incandescent luminaires with open or partially enclosed lamps and pendant luminaires or lampholders shall be installed have a distance of fifty-four (54) inches or greater from the sides and back of the closet walls, respectively, and continuing vertically to the closet ceiling parallel to the walls at a horizontal distance of the same. The dressing room may have incandescent luminaires with open or partially enclosed lamps and pendant light fixtures where the distance to combustibles, in any configuration, is thirty (30) inches or greater to the nearest edge of the luminaire.

210.72 Single- and Multiple-Station Smoke Alarms-Added. Where required by the current adopted code, the wiring of single- and multiple-station smoke alarms shall be installed in accordance with the provisions of those codes and National Fire Protection Association (NFPA) Standard 74.

210.73 Power Source-Added. Required smoke alarms shall receive their electrical power from a fire control panel or a combination burglar and fire alarm panel, listed by Underwriters Laboratory or other approved testing agency, permanently installed in accordance with the NFPA signaling system codes and standards by a person licensed by the state of Oklahoma to install alarm systems or from the building wiring when such wiring is served from a commercial source, and when primary power is interrupted, shall receive power from a battery. If a listed fire alarm or burglar/fire alarm panel with a one hundred twenty (120) volt plug in transformer is used, the transformer must be secured to the outlet with an additional means of securing such as a screw. In either case, wiring shall be permanent and without a disconnecting switch other than those required for overcurrent protection. Smoke alarms may be battery operated when installed in buildings without commercial power.

210.74 Required Smoke Alarms-Added. All required smoke alarms in the individual unit shall be connected to the same luminaire circuit and shall be wired in such a manner that the actuation of one alarm will actuate all of the alarms in the individual unit.

215.12 Color Coding; Identification of Ungrounded Conductors-Added. Where more than one nominal voltage system exists in a building, each ungrounded system conductor shall be identified by phase and system as follows:

<u>240/120</u>	<u>208/120</u>	<u>480/277</u>	<u>Phase</u>
Black	Black	Brown	A
Orange	Red	Orange	B
Blue	Blue	Yellow	C
White	White	Gray	Neutral

Other colors shall be used for special applications, such as travelers, etc.

220.0 Load Calculations-Added. 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, and the calculation shall be made available to the code official upon request.

230.24.1 Bracketing Prohibited-Added. There shall be no bracketing of wires to the exterior of buildings. Weather heads shall be so located that bracketing will not be necessary. This provision shall not apply to wires belonging to public utility companies providing service to existing buildings.

230.26.1 Service Entrance Location-Added. Each service entrance shall be located at a point which is convenient for connection to the electric utility company's service, with due regard for the desirability of avoiding the crossing of adjacent property or running open wire construction over the roof or along the wall of any building. When separate services are

provided for light and power, the distance between the service entrances for the light and power shall not be greater than four (4) feet.

230.26.2 Point of Attachment for Overhead Service-Added. The point of the overhead service entrance and attachment to the electric utility company's service wires on a building shall be a minimum of ten (10) feet above the ground.

Exception: For existing structures, the point of attachment shall be nine (9) feet above the ground; and clearances shall be provided as required by the National Electrical Code.

230.28.1 Service Masts as Supports-Added. The minimum size of rigid metal conduit (RMC) shall be two (2) inch for services up to and including two hundred (200) amperes and two and one-half (2-1/2) inches for services over two hundred (200) amperes.

230.70.1 Meter Cabinet and Panel Board Prohibited Locations-Added. Meter cabinets, panel boards, and switchboards shall not be installed in clothes closets, toilet rooms, or bathrooms.

230.70.2 Main Disconnects for Multiple Occupancies-Added. Each service disconnect shall be permanently marked to identify it as a service disconnect with address or unit number that the disconnect controls.

300.11 Wiring in Accessible Ceilings-Amendatory. Paragraphs 300.11(A)(1) and 300.11(A)(2) of the *National Electrical Code*, concerning placement and support of wiring in accessible ceilings, are intentionally deleted for Section 300.11 of this code.

358.12 Electrical Metallic Tubing (EMT) Use Not Permitted-Amendatory. Electrical Metallic Tubing (EMT) shall not be used where it would be installed in concrete or underground.

406.8.1 Maintenance Receptacle Covers for Roof Top Air Conditioning Units, and Temporary Poles-Added. Maintenance receptacle covers for roof top air conditioning units and temporary poles shall not be required to encapsulate the cord end. If a cord is installed for any length of time longer than twenty-four (24) hours, then Subsection 406.8(B) of the National Electrical Code shall supersede this Section 406.8.1.

491.1 Electrical Fence Chargers Systems Prohibited-Added. The installation of an electrical fence charger system in areas zoned for residential use in the City of Tulsa is hereby prohibited, including the insulators and the wiring.

Exceptions: Electrical fence chargers may be installed on:

1. A tract of land which is ten (10) or more acres, provided the system is not readily accessible to the public; or

2. A smaller tract, provided that the conductors are located a minimum of eight (8) feet above grade and are not readily accessible to the public.

491.2 Triplex and Quadruplex Wiring-Added. Triplex and quadruplex wiring shall be permitted if the installation meets the following requirements:

1. The conductors shall be No. 6 or larger;
2. Wiring shall not be installed inside any building or structure;
3. Wiring shall not be installed in a raceway;
4. The point of attachment to a building or structure shall be by an approved method;
5. Wedge clamps shall be used at all points of attachment to a building or structure;
6. The messenger wire shall be used as a grounding conductor;
7. Where a neutral is required, it shall be insulated and identified with white or gray tape at all connections; and
8. Connections shall be by an approved method.

680.23.1 Underwater Luminaire(s) (Lighting)-Added. All underwater lighting for swimming, wading, therapeutic, and decorative pools, fountains, hot tubs, and spas shall be supplied with not more than fourteen (14) volts. Where a deck box is used, it shall be sealed at all points against the entrance of moisture. Where a plastic deck box is used, it shall be installed not less than two (2) feet from the water's edge."

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Section 2. REPEAL OF CONFLICTING ORDINANCES. That all ordinances or parts of ordinances in conflict herewith be and the same are now expressly repealed.

Section 3. PROTECTION OF EXISTING RIGHTS AND REMEDIES. That nothing in this Ordinance shall be construed to affect any suit or proceeding pending in any court, or any rights acquired, or liability incurred, or any cause or causes of action acquired or existing under any act or ordinance hereby repealed; nor shall this Ordinance require any changes in work which have been lawfully authorized prior to the adoption of this Ordinance, so long as such work is actually commenced within sixty (60) days after the adoption of this Ordinance.

Section 4. SEVERABILITY CLAUSE. If any section, sentence, clause or phrase of this ordinance or any part thereof is for any reason found to be invalid by a court of competent jurisdiction, such decision shall not affect the validity of the remainder of this ordinance or any part thereof.

Section 5. OPERATIVE CLAUSE. Following passage of this ordinance by the City Council, with separate approval of its Emergency Clause; approval by the Mayor; and publication, this ordinance shall be operative on and after June 1, 2011.

Section 6. EMERGENCY CLAUSE. That an emergency is now declared to exist for the preservation of the public peace, health and safety, by reason whereof this ordinance shall take effect immediately from and after its passage, approval and publication.

ADOPTED by the Council: APR 21 2011
Date

James S. Mantua
Chairman of the Council

ADOPTED as an emergency measure: _____
Date

Chairman of the Council

OFFICE OF THE MAYOR

Received by the Mayor: _____, at _____
Date Time

Dewey F. Bartlett Jr., Mayor

By _____
Secretary

APPROVED by the Mayor of the City of Tulsa, Oklahoma: MAY 02 2011
Date

at _____
Time



Ann Bennett
DEPUTY City Clerk

Dewey F. Bartlett Jr.
Mayor

APPROVED:

Quinn Tachy
Interim City Attorney

pb