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JANUARY 29, 2016.)

ORDINANCE NO. 2181

AN ORDINANCE AMENDING THE CITY CODE OF THE CITY OF BIXBY, OKLAHOMA, TITLE 9, TITLED "BUILDING AND CONSTRUCTION REGULATIONS"; AMENDING CHAPTER 3, TITLED "ELECTRICAL CODE"; REPEALING SECTION 9-3-1, TITLED "ADOPTION OF ELECTRICAL CODE" AND SECTION 9-3-2, TITLED "AMENDMENTS TO ELECTRICAL CODE"; ENACTING A NEW SECTION 9-3-1, TITLED "ADOPTION OF THE NATIONAL ELECTRICAL CODE, 2014 EDITION (NFPA 70-2014)", AS PUBLISHED BY THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA); ADOPTING THE NATIONAL ELECTRICAL CODE, EXCLUDING ANY INFORMATIVE ANNEXES; ENACTING A NEW SECTION 9-3-2, TITLED "AMENDMENTS TO THE NATIONAL ELECTRICAL CODE, 2014 EDITION (NFPA 70-2014); PROVIDING STANDARDS FOR AND GOVERNING ELECTRICAL SYSTEMS, WIRING DESIGN, PROTECTION, AND INSTALLATION METHODS; REGULATING ELECTRICAL MATERIALS, EQUIPMENT AND APPLIANCES; PROVIDING STANDARDS FOR SPECIAL OCCUPANCIES AND SPECIAL EQUIPMENT; PROVIDING FOR THE PROTECTION OF EXISTING RIGHTS AND REMEDIES; PROVIDING FOR SEVERABILITY; REPEALING ALL ORDINANCES IN CONFLICT WITH THIS ORDINANCE; PROVIDING THAT THE OPERATIVE DATE OF THIS ORDINANCE SHALL BE RETROACTIVE TO NOVEMBER 1, 2015; AND DECLARING AN EMERGENCY.

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF BIXBY, OKLAHOMA:

Section 1. That Title 9, Bixby City Code, Chapter 3, Sections 9-3-1 and 9-3-2 be and the same are now specially repealed.

Section 2. That a new Title 9, Bixby City Code, Chapter 3, Sections 9-3-1 and 9-3-2 be and the same are now enacted to read as follows:

"9-3-1: ADOPTION OF THE NATIONAL ELECTRICAL CODE, 2014 EDITION (NFPA 70-2014):

A certain document, one (1) copy of which is on file in the Office of the City Clerk of the City of Bixby, Oklahoma being marked and designated as the *National Electrical Code* (NEC), 2014 Edition (NFPA 70-2014), as published by the National Fire Protection Association (NFPA), excluding any informative annexes, is now adopted as part the Bixby City Code, the 'Electrical Code,' for the control of electrical systems and equipment located in buildings and structures and their appurtenant constructions, excluding one and two-family dwellings, in the City of Bixby. Each and all of the terms, conditions, regulations, provisions, and penalties of the *National Electrical Code*, 2014 Edition (NFPA 70-2014) are now referred to, adopted and made a part of the Bixby City Code as if fully set out in this title, with its amendments. As used in this Chapter, the *National Electrical Code*, 2014 Edition (NFPA 70-2014), as amended by this Chapter, may be referred to as the 'code.'

9-3-2. AMENDMENTS TO THE NATIONAL ELECTRICAL CODE, 2014 EDITION (NFPA 70-2014).

The following provisions of the *National Electrical Code* (NEC), 2014 Edition (NFPA 70-2014), as adopted by the Oklahoma Uniform Building Code Commission, are now added, deleted or amended to read as follows:

NEC Chapter 1 General

Article 100 Definitions – OUBCC Added. Article 100 has been modified to include a definition of a nationally recognized testing laboratory. This article has been modified to read: '**Nationally Recognized Testing Laboratory**. A testing facility given this designation from the United States Occupational Safety and Health Administration (OSHA) that provides product safety testing and certification services to manufacturers.'

110.12 Mechanical Execution of Work, subsection (B) Integrity of Electrical Equipment and Connections – OUBCC Amendatory. This subsection has been modified to allow for

the reuse of existing electrical equipment, rather than requiring new replacements when certain conditions are met. This subsection has been modified to read: '110.12 (B) Integrity of Electrical Equipment and Connections. Internal parts of electrical equipment, including busbars, wiring terminals, insulators, and other surfaces, shall not be damaged or contaminated by foreign materials such as paint, plaster, cleaners, abrasives, or corrosive residues. There shall be no damaged parts that may adversely affect safe operation or mechanical strength of the equipment such as parts that are broken; bent; cut; or deteriorated by corrosion, chemical action or overheating. 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, or by the manufacturer of the equipment. Electrical equipment damaged by natural or man-made events shall be reused only as recommended by the manufacturer of such equipment.'

NEC Chapter 2 Wiring and Protection

210.19 Conductors—Minimum Ampacity and Size, subsection (A) Branch Circuits Not More Than 600 Volts, paragraph (4) Other Loads – OUBCC Amendatory. This subsection and paragraph has been modified to provide adequate loads per circuits. This subsection and paragraph has been modified to read: 'Branch-circuit conductors that supply loads other than those specified in 210.2 and other than cooking appliances as covered in 210.19 (A)(3) shall have an ampacity sufficient for the loads served and shall not be smaller than 14 AWG. 20 ampere general-purpose branch circuits for dwellings shall supply a maximum of 10 outlets. 15 ampere general-purpose branch circuits for dwellings shall supply a maximum of 8 outlets. 20 ampere general-purpose branch circuits for other than dwellings shall supply a maximum of 8 outlets.'

NEC Chapter 5 Special Occupancies

505.7 Special Precautions, subsection (A) Implementation of Zone Classification System – OUBCC Amendatory. This subsection has been modified to require a registered professional engineer to engineer and design, and select the equipment and wiring methods for classification areas. It allows for the installation of the equipment, wiring methods and inspections to be performed by qualified persons. This subsection has been modified to read: '505.7 (A) Implementation of Zone Classification System. Classification of areas, engineering and design, selection of equipment and wiring methods shall be performed by a Registered Professional Engineer with expertise in Hazardous (Classified) Locations and Zone Systems. The installation of equipment and wiring methods, and inspections shall be performed by qualified persons.'

506.7 Special Precautions, subsection (A) Implementation of Zone Classification System – OUBCC Amendatory. This section has been modified to require a registered professional engineer to engineer and design, and select the equipment and wiring methods for classification areas. It allows for the installation of the equipment, wiring methods and inspections to be performed by qualified persons. This section has been modified to read: '506.7 (A) Implementation of Zone Classification System. Classification of areas, engineering and design, selection of equipment and wiring methods, shall be performed by a Registered Professional Engineer with expertise in Hazardous (Classified) Locations and Zone Systems. The installation of equipment and wiring methods and inspection shall be performed by qualified persons.'

NEC Chapter 6 Special Equipment

680.23 Underwater Luminaires, subsection (A) General, paragraph (4) Voltage Limitations – OUBCC Amendatory. This subsection and paragraph has been modified to prohibit the use of underwater luminaries if they operate above the low voltage contact limit as defined in Section 680.2. This section has been modified to read: '680.23 (A)(4) Voltage Limitations. No luminaries shall operate above the low voltage contact limit as defined in Section 680.2.'

INFORMATIVE ANNEXES

Informative Annexes A, B, C, D, E, F, G H I and J–Bixby Deleted. The following Informative Annexes of the *National Electrical Code* (NEC), 2014 Edition (NFPA 70-2014), are intentionally deleted from this code:

Informative Annex A	Product Safety Standards
Informative Annex B	Application Information for Ampacity Calculation
Informative Annex C	Conduit and Tubing Fill Tables for Conductors and Fixture Wires of the Same Size
Informative Annex D	Examples
Informative Annex E	Types of Construction
Informative Annex F	Availability and Reliability for Critical Operations Power Systems; and Development and Implementation of Functional Performance Tests (FPTs) for Critical Operations Power Systems

- Informative Annex G Supervisory Control and Data Acquisition (SCADA)
- Informative Annex H Administration and Enforcement (*Appeals from a decision of any electrical inspector are governed by Section 9-2-1 of the Bixby City Code.*)
- Informative Annex I Recommended Tightening Torque Tables from UL Standard 486A-B
- Informative Annex J ADA Standards for Accessible Design"

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

Section 6. OPERATIVE CLAUSE. *Following passage of this ordinance by the City Council, with separate approval of its Emergency Clause, this ordinance shall be operative on and after November 1, 2015.*

Section 7. EMERGENCY CLAUSE. *That an emergency is hereby declared to exist for the preservation of the public peace, health and safety and, more particularly, to expedite the protection of citizens and the general public occupying and using buildings and structures within the corporate limits of the City of Bixby, by reason whereof this ordinance shall take effect immediately from and after its passage and approval.*

APPROVED in an open meeting of the Bixby City Council and PASSED by an affirmative majority vote of the entire membership of the City Council, to-wit: **5-YES, 0-NO, 0-ABSTAINING, 0-ABSENT**, on this 25th day of January 2016.

Easton

s/ John

Oklahoma

Mayor of the City of Bixby,

APPROVED as an Emergency Measure ruled upon separately and PASSED by an affirmative majority vote of at least a four-fifths (4/5) of the entire membership of the Bixby City Council, to-wit: **5-YES, 0-NO, 0-ABSTAINING, 0-ABSENT**, on this 25th day of January 2016.

Easton

s/ John

Oklahoma

Mayor of the City of Bixby,

(Seal)

ATTEST:

s/ Yvonne Adams

City Clerk

APPROVED:

s/ Patrick T. Boulden