19-044 **2015**

AN ORDINANCE TO ADOPT AN ELECTRICAL CODE FOR THE CITY OF MOBILE, ALABAMA

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF MOBILE, ALABAMA AS FOLLOWS:

SECTION ONE: Code and Appendices. That, pursuant to Alabama Code Section 11-45-8 (1975), the 2014 Edition of the National Electrical Code, along with the amendments to the same contained in this Ordinance, has been on file in the office of the City Clerk of the City of Mobile, Alabama, pursuant to a resolution adopted by the City Council of the City of Mobile, Alabama, on March 10, 2015, and is hereby adopted as the "Electrical Code of the City of Mobile."

SECTION TWO: Published Ordinance. A copy of this Ordinance shall be published pursuant and according to law, after its adoption, but it shall not be necessary for the said 2014 National Electrical Code to be published in a newspaper, nor shall the same be spread at length upon the minutes of this Council, but this Ordinance shall be recorded in said minutes.

SECTION THREE: Effective Date. The said 2014 National Electrical Code shall be in full force and become effective sixty days after its adoption, and all ordinances heretofore adopted by the City of Mobile in conflict are hereby repealed.

SECTION FOUR: Contractor's Criteria and Qualifications.

It shall be unlawful and an offense against the city for any person to work as a master electrician, journeyman electrician, low voltage electrician, or maintenance electrician without first obtaining a certificate of competency from the Board of Electrical Examiners.

In addition to the requirements as set forth herein, all individuals, agents or businesses who install, alter or modify all or part of an electrical system shall furnish proof that they are a licensed, registered master electrician in accordance with the electrical examining board and the statutory requirements of the state and city. Where any electrical work is being undertaken, a master or journeyman electrician shall be present at the job site and in actual control and in charge of the work being performed.

Board of Electrical Examiners

(A) Creation of the Board of Electrical Examiners. There is hereby created the Board of Electrical Examiners of the City of Mobile.

(B) Appointments. Board of Electrical Examiners members shall be appointed by the City Council.

(1) When appointing members of the Board of Electrical Examiners, the Council will endeavor, to the extent possible, to appoint persons in a manner to reflect a balanced representation of individuals or organizations. The chairman of the Board of Electrical Examiners shall be the electrical official.

(2) The Board of Electrical Examiners shall consist of seven (7) voting members. One board member will be a City of Mobile certified master electrician, and one board member will be a City of Mobile certified journeyman electrician.

(3) In considering the appointment of board members, the Council may solicit recommendations made by interested organizations and entities, including but not limited to the International Brotherhood of Electrical Workers Local 505, the National Electrical Contractors Association, the Master Electricians Association of Alabama, the Alabama Power Company, the Associated Builders and Contractors Association of South Alabama, and the Home Builders Association of Metro Mobile. The Council is not, however, bound by any recommendation that may be made or compelled to accept or otherwise act upon any recommendation that may be made.

(C) Terms. Each member of the Board of Electrical Examiners shall serve a term of two *(2)* years. Vacancies for any reason shall be filled in the same manner as their appointment, and such appointments shall be for the unexpired term of the member replaced. Members shall be eligible for reappointment.

(1) If, at the expiration of any term of office of any member of the Board of Electrical Examiners, a successor thereto has not have been appointed by the city council, then the member whose term of office has expired will continue to hold office until his or her successor has been duly appointed by the city council.
(2) This Ordinance shall not serve to vacate any appointment made prior to its effective date.

(D) Compensation. Each appointed member will receive no compensation.

(E) Quorum. A quorum as established by the Board of Electrical Examiners operating procedures shall be required to conduct Board of Electrical Examiners business. The Board of Electrical Examiners shall hold such meetings as necessary. The Chair or a majority of the members of the Board of Electrical Examiners shall have the authority to call meetings of the Board of Electrical Examiners.

(F) Duties. It shall be the duty of the Board of Electrical Examiners to:

(1) Adopt the necessary rules and regulations to administer and enforce this Code.
(2) Establish qualifications of electrical contractors.
(3) Revoke or suspend the recognition of any electrical certification for the jurisdiction.
(4) After advance notice of the public hearings and the execution of such hearings, as established by law, the Board of Electrical Examiners is authorized to establish and update the provisions for the safety of electrical installations to conform to the currently adopted edition of the National Electrical Code (NFPA 70) and other nationally recognized safety standards for electrical installations.
(5) Establish procedures for recognition of electrical safety standards and acceptance of equipment conforming to these standards.

(G) Examinations. The board of electrical examiners shall hold examinations for master electricians, journeyman electricians, and maintenance electricians at least twice yearly.

(H) Policies and Procedures. The Board of Electrical Examiners shall promulgate policies and procedures for the administration of examinations, which shall be on file with the Clerk of the City and available in the Electrical Inspection Unit.

(I) Suspension or Revocation of Certificates of Competency. After a hearing following notice, the board shall have the power to suspend any certificate of competency issued by it for a period of not more than thirty (30) days, and may revoke certificates of competency issued by it, upon evidence presented to it that the holder of such certificate of competency has persistently or willfully violated the provisions of this code. When such certificate is revoked, the holder thereof shall not be entitled to apply for a new certificate within six (6) months of the date of such revocation.

(J) Complaints. Whenever a complaint is made to the Board of Electrical Examiners concerning any holder of a certificate of competency and the Board of Electrical Examiners finds there is probable cause that the complaint is grounded in fact and that the facts, if true, would warrant revocation of the certificate, then the Board of Electrical Examiners shall hold a meeting at which meeting the certificate holder and complainant may appear and present evidence as to such charges and defenses. Notice of the meeting shall be given to the holder of the certificate of competency not less than fifteen (15) days prior to the date set for said meeting and shall specify, in detail, the basis of the charges against him or her.

(K) Continuing Education Requirements for Holders of Active Certificates of Competency.

(1) Each person who is certified by the Board of Electrical Examiners must, as a condition of renewal of the certificate, provide proof of at least fourteen (14) classroom hours of continuing education in one (1) or more courses approved by the Board of Electrical Examiners per three-year period.
(2) A person who holds more than one certificate issued by the Board of Electrical Examiners is required to complete the continuing education requirements only once during each three-year period. Proof of completion by any such person must be submitted with the renewal application.
(3) No continuing education requirements apply for the year in which a certificate is initially issued.

(L) Certification Issuance and Renewal Fee.

Table 1

Maintenance electrician	50.00
Journeyman electrician	50.00
Duplicate card fee	10.00
Master electrician	30.00 with business license
Low voltage certificate fee	50.00
State issuance fee	25.00
Inactive master	10.00 per year
Inactive master conversion fee	250.00
Apprentice/trainee certificate	10.00
Certification late renewal	Double fee
Electrical exam fees:	
Master electrical exam fee	145.00
Journeyman electrical exam fee	95.00
Maintenance electrical exam fee	95.00

* All electrical fees shall comply with the city ordinance known as the "Building Code Permit Fee Schedule Ordinance."

(M) Certificate Fees and Terms.

Table 2

Application	**Fee**	**Prerequisite**	**Term of Certificate of Competency**
Application for maintenance electrician examination	$95.00	Same as journeyman	
Application for master		Any person shall be eligible for	Master certificates

electrician examination		examination as a master electrician who has been in actual employment as a certified journeyman electrician for at least (1) year, or has passed a previous examination with the city as a master electrician, or has a professional electrical engineering license, or such experience in the electrical field as shall be approved by the board of electrical examiners, or has had five (5) years of such experience in the design of electrical systems and their construction shall be approved by the board of examiners.	will expire the day prior to March 1 and shall be renewed every three (3) years between January 1 and March 1 without a re-examination, under one (1) of the following provisions: (1) $30.00 fee if purchasing a city electrical contractor's license; (2) if not purchasing a city electrical contractor's license a fee equivalent to the amount paid for the minimum electrical contractor's business license.
Application for journeyman examination	$95.00	Four (4) years' experience as an apprentice or a current journeyman or master electrician in another jurisdiction of the state or other training approved by the board of electrical examiners.	5 years
Application for associate journeyman	$95.00	An applicant for a certificate of competency as an associate journeyman must have had at least two (2) years practical experience as an apprentice of a journeyman electrician or master electrician, or shall be sponsored by the electrical department of the city or must have had other training approved by the board of electrical examiners.	
Application for low voltage examination	$95.00	Low voltage contractors must be licensed by the Alabama Electronics Security Board and must be issued a limited certificate of competency by the city. Worked performed under the certificate shall be limited to the specific installation specified on the certificate.	5 years
Reciprocal certificate of competency	$100.00	Applicants who attain a minimum score of seventy (70) percent on an	

		examining board approved commercially-produced standardized test administered by an approved governmental agency, shall be eligible for a certificate of competency, without additional examination, subject to payment of the required fee.	
Replacement of lost certificates	$10.00		
Inactive master's certificate basis until the next licensing period (January 1 – March 1). During this regular licensing period (January 1 – March 1) an "inactive" certificate may be converted to an "active" certificate by compliance with the electrical code. Also a holder of an "inactive" certificate may acquire an active master's certificate at any time during the year by a successful completion of the prescribed master examination.	$10.00		

SECTION FIVE: Surety Bond.

(A) In addition to the requirements as set forth herein, it shall be the duty of every builder, contractor and sub-contractor to provide and have on file a current license and surety bond for $10,000 in accordance with the City of Mobile and State of Alabama Requirements. The bond is subject to the approval of City of Mobile Legal Department and shall be provided by a surety company qualified to do business in the State of Alabama and from an agent thereof with an office in the City of Mobile.

(B) Such bond shall insure that the licensee complies with laws, ordinances and building regulations of the applicable governing body. The local governing body shall be indemnified and saved harmless from all claims arising from accidents and damage of any character whatsoever caused by the negligence of such person, firm, or corporation engaged in the electrical business or by any other unfaithful, inadequate work done either by themselves or their agents or employees.

(C) The surety bond form must be signed by the master electrical certificate holder and the electrical contractor.

SECTION SIX: Criteria for Owners to Obtain Permit. For the purpose of this Code, an owner physically doing the work themselves on the residential property that they occupy, may be issued a permit upon the Code Official's satisfaction that the owner is competent to perform the work for which the permit is requested and completion of an electrical affidavit. Any individual other than the owner doing the work on

the residential property is considered a contractor and shall meet the requirements of a contractor as set forth herein.

SECTION SEVEN: Vehicular Signs. All trucks and similar vehicles used by electrical contractors shall have signs on both sides of the body which include the full name, address and telephone number of the firm to which it belongs. Lettering may be in any color in contrast to the color of the body, but letters identifying the firm name must be at least 1 ½ inches high (1 ½").

SECTION EIGHT: ARTICLE 90, Introduction of the 2014 NATIONAL ELECTRICAL CODE to be amended as follows:

Amend 90.4 Enforcement by adding Paragraph 90.4.1 Administration to read as follows:

90.4.1 Administration.

(A) General.
(1) The provisions of this Code shall apply within the corporate limits of the City of Mobile, and to all City of Mobile owned property not located in the corporate limits of the City of Mobile, to electric conductors and equipment installed within or on public and private buildings and other premises, including parking lots, carnivals, yards and industrial sub-stations; also, the conductors that connect the installations to a supply of electricity, and other outside conductors adjacent to the premises. All electrical systems shall be properly permitted and inspected as required by this Code.

(2) Nothing in this Code shall prevent any homeowner from making an electrical installation within his/her own property boundaries, providing such electrical work is done by himself and is in a building used exclusively by him or his/her family. Such privilege does not convey the right to violate any of the provisions of this Code, nor is it to be construed as exempting any such property owner from obtaining a permit and paying required fees therefore.

(3) Nothing in the Electrical Code of the City of Mobile will be construed to relieve or lessen the responsibility or liability of any person, firm or corporation for injury or damage to any person or property caused by or resulting from any malfunction or defects of any nature in any electrical work performed by said person, firm, or corporation or in any electrical equipment owned, controlled, installed, operated or used by them. Nor shall the City of Mobile, or any officer, agent, or employee thereof, incur or be held as assuming any liability by reason or in consequence of any permit, permission, certificate of inspection, inspection, or approval authorized therein, or issued or given as herein provided or by any reason or consequence of any actions done or acts performed pursuant to any provision of this Code.

(B) Applicability.

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

(2) Other laws. The provisions of this Code shall not be deemed to nullify any provisions of local, state or federal law.

(3) Application of References. References to chapter or section numbers, or to provisions not specifically identified by number, shall be construed to refer to such chapter, section or provision of this Code.

(4) Referenced Codes and Standards. The Codes and standards referenced in this Code shall be considered part of the requirements of this Code to prescribed extent of each such reference. Where differences occur between provisions of this Code and referenced Codes and standards, the provisions of this Code shall apply.

Exception: Where enforcement of a Code provision would violate the conditions of the listing of the equipment or appliance, the conditions of the listing and manufacturer's instructions shall apply.

(5) Partial Invalidity. In the event any part or provision of this Code is held to be illegal or void, this shall not have the effect of making void or illegal any of the other parts or provisions.

(6) Existing Structures. The legal occupancy of any structure existing on the date of adoption of this Code shall be permitted to continue without change, except as is specifically covered in this Code, the International Property Maintenance Code, International Existing Building Code or the International Fire Code, or as is deemed necessary by the Code Official for the general safety and welfare of the occupants and the public.

Amend (6) Existing Structures by adding Paragraphs (1) and (2) to read as follows:

(1) Except as otherwise provided in this Code, it shall not be required to remove, alter or abandon, or prevent the continued utilization and maintenance of existing electrical systems and equipment lawfully in existence at the time of the adoption of this Code.

(2) 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 safe guards that are required by this Code shall be maintained in compliance with the Code addition 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.

(7) Additions, Alterations or Repairs. Additions, alterations or repairs to any structure shall conform to that required for a new structure without requiring the existing structure to comply with all of the requirements of this Code, unless otherwise stated. Additions, alterations or repairs shall not cause an existing structure to become unsafe or adversely affect the performance of the building.

(8) 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 or local jurisdiction as historic buildings, including those listed in the Alabama Register of Landmarks and Heritage or in the National Register of Historic Places or eligible for listing in the Alabama Register of Landmarks or the National Register of Historic Places, when such buildings or structures are judged by the 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

(9) Listing.

(1) All electrical work and all materials and appliances used in connection therewith done within the City of Mobile shall conform to the requirements and provisions of the 2014 National Electrical Code, except as changed by the provisions hereof, which said requirements and provisions are hereby adopted and approved as a part thereof as fully and completely as if herein set out in haec verba.
(2) All electrical materials, wiring devices, signs, appliances, and equipment used in electrical installations in the City of Mobile whether wholesale or retail in nature shall bear listing label of a nationally recognized testing laboratory or be approved by the Urban Development Department, Electrical Inspection Unit of the City of Mobile.

(10) Establishment of Special Flood Hazard Areas.
(1) The flood hazard map shall include, at a minimum, areas of special flood hazard as identified by the Federal Emergency Management Agency in the most current adopted Flood Insurance Study entitled "The Flood Insurance Study for Mobile County, Alabama and Incorporated Areas", as amended or revised with the accompanying Flood Insurance Rate Map (FIRM) and related supporting data along with any revisions thereto. The adopted flood hazard map and supporting data are hereby adopted by reference and declared to be part of this Section.

(2) The adopted "Storm Water Management and Flood Control Ordinance", flood hazard map and supporting data are hereby adopted by reference and declared to be part of this Section. Where there is a difference between the ordinances relating to flood hazard areas, flood hazard map, supporting data or Code, the more stringent provision shall prevail.

(3) The variance and appeal procedure shall be in accordance with the applicable sections of the adopted "Storm Water Management and Flood Control Ordinance" which is administered and enforced by the City of Mobile Engineering Department.

Amend (B) Applicability by adding Paragraph (11) Change of Occupancy to read as follows:

(11) Change of Occupancy. The provisions of the 2014 National Electrical Code shall apply to all buildings undergoing change of occupancy.

(C) Electrical Inspection Unit

Amend (C) Electrical Inspection Unit, by adding Paragraphs (1) and (2) to read as follows:

(1) General. The Electrical Inspection Unit is hereby created and the official in charge shall be known as the Code Official. The function of the unit shall be to assist the Code Official in the administration and enforcement of the provisions of this Code.

(2) Deputies. In accordance with the prescribed procedures of this jurisdiction and with the concurrence of the appointing authority, the Code Official shall have the authority to appoint a Deputy Code Official, the related technical officers, inspectors, plan examiners and other employees. Such employees shall have powers as delegated by the Code Official.

(3) Restrictions on Employees. No officer or employee connected with the Electrical Inspection Unit, except one whose only connection is a member of the board established by this Code, shall be financially interested in the furnishing of labor, material, or appliances for the construction, authorization, or maintenance of a building. No such officer or employee shall engage in any work, which is inconsistent with his/her duties or with the interest of the unit.

(4) Liability. The Code Official or employee charged with the enforcement of this code, while acting for the jurisdiction in good faith and without malice in the discharge of the duties required by this code or other pertinent law or ordinance, shall not thereby be rendered liable personally and is hereby relieved from personal liability for any damage accruing to persons or property as a result of any act or by reason of an act or omission in the discharge of official duties. Any suit instituted against an officer or employee because of an act performed by that officer or employee in the lawful discharge of duties and under the provisions of this code shall be defended by legal representative of the jurisdiction until the final termination of the proceedings. The Code Official or any subordinate shall not be liable for cost in any action, suit or proceeding that is instituted in pursuance of the provisions of this code.

(5) Identification. The Code Official shall carry proper identification when inspecting structures or premises in the performance of duties under this Code.

(6) 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 record.

(D) Duties and Powers of the Code Official.

(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 to adopt policies and procedures in order to clarify the application of its provisions. Such interpretations, policies and procedures shall be in conformance 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.

(2) Right of Entry. Where it is necessary to make an inspection to enforce the provisions of this Code, or where the Code Official has reasonable cause to believe that there exists in a structure or upon a premises a condition which is contrary to or in violation of this Code which makes the structure or premises unsafe, dangerous or hazardous, the Code Official or duly authorized representative, is authorized to enter the structure or premises at reasonable times to inspect or to perform the duties imposed by this Code, provided that if such structure or premises be occupied that credentials be presented to the occupant and entry requested. If such structure or premises be unoccupied, the Code Official shall first make a reasonable effort to locate the owner or other person having charge or control of the structure or premises and request entry. If entry is refused, the Code Official shall have recourse to the remedies provided by law to secure entry.

(3) Notices and Orders. The Code Official shall issue all necessary notices or orders to ensure compliance with this Code.

(4) Suspension or Revocation. The Code Official is authorized 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 regulation or any of the provisions of this Code.

(5) Interference with Code Official. It shall be unlawful for any person to interfere with the Code Official or any of his/her duly authorized representatives when they are performing any of their duties as set out in this Code or in other ordinances of the City of Mobile.

(E) Approval.

(1) Notices. Upon the completion of the Electrical wiring of any building, and/or upon the completion of any alteration or change or repair, it shall be the duty of the contractor doing the electrical work to notify the Code Official or his/her duly authorized representative that such work is completed, who shall then inspect or cause such wiring or appliances to be inspected, and if approved by him, shall issue and attach a certificate of approval.

(2) Certificate of Approval. It shall be unlawful to use or permit the use of, or to supply current for electric wiring for light, heat or power in a building or structure unless the required certificate of approval has been issued; provided, however, the Code Official or his/her duly authorized representative may in his/her discretion give temporary permission for a reasonable time to supply and use current in parts of an electrical installation before such installation has been fully completed and the Certificate of Approval issued.

Amend (E) Approval, by adding Paragraph's 3 thru 7 to read as follows:

(3) Modifications. Wherever 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, provided the Code Official shall first find that special individual reason makes the strict letter of this Code impractical and that the modification is in compliance with the intent and purpose of this Code, And does not lessen health, life and fire-safety requirements. The details of action granting modifications shall be recorded and entered in the file of Electrical Inspection.

(4) Alternative Material, Methods, Equipment and Appliances. 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 design is satisfactory and complies with the intent of the provisions of this Code, and that the material, method of work is for the purpose intended, at least the equivalent of that prescribed in this Code in quality, strength, effectiveness, fire resistance, durability and safety.

(5) Required Testing. Wherever there is insufficient evidence of compliance of this Code, or evidence that a material or method does not conform to the requirements of this Code, or in order to substantiate claims for alternative materials or methods, the Code Official shall have the authority to require tests as evidence of compliance to be made at no expense to the City of Mobile.

(6) Approved Materials and Equipment. All materials, equipment and devices approved by the Code Official shall be constructed and installed in accordance with such approval.

(7) Material, Equipment and Appliance Reuse. 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.

(F) Permits.

Amend (F) Permits, by adding Paragraphs (1) and (2) to read as follows:

(1) Permits Required. Permits required by this Code shall be obtained from the Code Official. Permit fees, if any, shall be paid prior to the issuance of the permit. Issued permits shall be kept on the premises by the homeowner or contractor designated therein at all times and shall be readily available for inspection

(2) Permits Not Required. The following 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) Repair or replacement of branch circuit overcurrent devices of the required capacity in the same location.
(4) Temporary wiring for experimental purposes in suitable experimental laboratories.

(3) Emergency Repairs. When equipment replacement and repairs must be performed in an emergency situation, the permit application shall be submitted within the next working business day to the code official.

(4) Application for Permit. To obtain a permit, the applicant shall first file an application therefore in writing on a form furnished by the Urban Development Department for that purpose. Such application shall:

(1) Identify and describe the work to be covered by the permit for which application is made.
(2) Describe the land on which the proposed work is to be done by legal description, street address or similar description that will readily identify and locate the proposed building or work.
(3) Indicate the use and occupancy for which the proposed work is intended.
(4) Be accompanied by construction documents.
(5) State the valuation of the proposed work.
(6) Be signed by the applicant, or the applicant's authorized agent.
(7) Give such other data and information as required by the Code Official.
(8) Applicant must provide proper identification to verify ownership of property.
(9) Application for an electrical permit shall be granted only to homeowner, or to a licensed and bonded electrical contractor.

(5) 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 is authorized 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.

(6) Action on Application. The Code Official shall examine or cause to be examined applications for permits and amendments thereto within a reasonable time after filing. If the application or the construction documents do not conform to the requirements of pertinent laws, the Code Official shall reject such application in writing, stating the reasons therefore. If the Code Official is satisfied that the proposed work conforms to the requirements of this Code and laws and ordinances applicable thereto, the Code Official shall issue a permit therefore as soon as practicable.

(7) Expiration. Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time the work is commenced. The Code Official is authorized to grant, in writing, one or more extensions of time, for periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.

(8) Placement of Permit. The building permit or copy thereof shall be kept on the site of the work until the completion of the project.

(9) Plans and Specifications. Plans and specifications must meet the requirements of Section 107 of the Ordinance of the City of Mobile adopting the 2012 edition of the International Building Code.

(10) Schedule of Fees. On all electrical installations requiring an electrical permit, a fee for each electrical permit shall be paid as required at the time of application, in accordance to the "Building Codes Permit Fee Schedule Ordinance" as adopted by separate ordinance.

Amend (F) Permits by adding Paragraph (11) Fee Refunds to read as follows:

(11) Fee Refunds. Permit refunds shall be in accordance with the "Building Codes Permit Fee Schedule Ordinance" as adopted by separate ordinance.

(G) Inspections and Testing.

(1) Inspection Required. During and upon completion of any installation, alteration, or extension of an electrical wiring system, the Code Official shall inspect the work to assure compliance with the electrical Code.

(2) Concealed Work. During and upon completion of any installation, alteration, or extension of an electrical wiring system, the Code Official shall inspect the work to assure compliance with the electrical Code.

(3) Conformity. The Code Official shall within a reasonable time after notice of the completion of the electrical wiring for which a permit is required by this Code, make or cause to be made an inspection of such work and such tests as may be necessary to determine that it conforms to the Code.

(4) Re-inspection. The Code Official may conduct any re-inspection in the interest of public safety. If an electrical wiring system is found to be defective and unsafe, the Code Official shall revoke all certificates relating to such systems, and the use of such system shall be discontinued until compliance is achieved and a new certificate issued.

(5) Defective Work. If an electrical wiring system upon re-inspection is found to be defective and unsafe, the Code Official or his/her duly authorized representative shall revoke all certificates in effect at that time relating to such systems; and the use of such electrical wiring system shall be discontinued until it has been made to conform to this Code and a new certificate of approval has been issued by the Code Official or his/her duly authorized representative.

(6) Certificate of Approval. Upon the making of the final inspection of an electrical wiring system, if the same be approved, then the Code Official or his/her duly authorized representative shall issue or cause to be issued a certificate of approval, as hereinafter provided, and the same shall be attached to the electrical wiring system.

(7) 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 shall notify the permit holder or an agent of the permit holder 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 approved.

(8) Underground Inspection. Underground inspection is to be made after trenches or ditches are excavated, conduit or cable installed, and before any backfill is put in place.

(9) Rough-in Inspection. Rough-in inspection is to be made after the roof, framing fire-blocking, bracing and rough wiring is in place and prior to the installation of wall or ceiling membranes.

(10) Final Inspection. Final inspection is to be made after the building is complete, all required fixtures are in place and properly connected or protected, and the structure is ready for occupancy.

(H) Connection or Reconnection of Services.

(1) No person shall make connections from a utility, source of energy or power to any building or system for which a permit is required, until approved by the Code Official.
(2) The Code Official shall have the sole authority to authorize and approve the temporary connection of the building or system to the utility source of energy or power. Prior to energizing electrical power for the entire building, the electrical contractor shall submit a written plan of action to the Code Official for approval.

(3) Whenever electrical service has been discontinued in a building or structure for a period exceeding six (6) months, the Code Official shall inspect the service equipment and readily accessible wiring before reconnection of the power supply.

(4) The Code Official shall have the authority to authorize disconnection of utility service to a building, structure or system regulated by this Code with the exception that, in the case of an emergency threatening immediate hazard to life or property, a utility connection may be made without prior approval. The Code Official shall notify the serving utility, and if possible, the owner and occupant of the decision to disconnect before the disconnection is affected.

(I) Violation Penalties.

(1) 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 a misdemeanor. Each day a violation continues after due notice has been served shall be deemed a separate offense.

Amend (I) Violation Penalties by adding Paragraphs (2) and (3) to read as follows:

(2) The Code official shall serve a Notice of Violation (NOV) or order to the person responsible for 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.

(3) Upon notice from the Code Official that electrical work is being done contrary to the provisions of this code or in a dangerous or unsafe manner, such work shall immediately cease. Such notice shall be in writing

with a Stop Work Order (SWO) 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 on the electrical system after having been served with a SWO, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject to issuance of a Municipal Offence Ticket (MOT).

(4) Interference with Code Official. It shall be unlawful for any person to interfere with the Code Official or any of his/her duly authorized representatives when they are performing any of their duties as set out in this Code or in other ordinances of the city.
(5) Violation of the provisions of the 2014 National Electrical Code (NEC) shall be subject to $250.00 unless listed below:

(a) Working without a Certificate of Competency	$500.00
(b) Interference with Code Official	$100.00
(c) Signage on All Vehicles Used By contractor	$100.00

(J) Regulation of Master Electricians.

(1) Every electrical contractor, including joint ventures, must have continuously in his/her employment, a Master Electrician with a valid certificate of competency. All joint venture contractors shall submit proof of continuous employment of a certified master electrician as required by the Board of Electrical Examiners. Whenever any Master Electrician leaves the employment of an electrical contractor it shall be the duty of such contractor to immediately notify the City of Mobile Board of Electrical Examiners.
(2) Every holder of a certificate of competency as a Master Electrician shall notify the Board of Electrical Examiners as to his/her place of employment or any change in employer.
(3) In the event of death of the "Active" Master Electrician of record employed by a contractor, the contractor shall be permitted to continue operations on previously permitted projects, not to exceed one hundred eighty (180) days. At the end of this period, the contractor will be required to employ exclusively a new holder of an "active" master's certificate.
(4) No master electrician shall allow his/her name to be used by any other person, firm or corporation for the purpose of obtaining a permit to do electrical work or for the purpose of doing electrical work under the master electrician's license.

(K) Regulation of Journeyman Electricians.

(1) It shall be unlawful for any journeyman to do any electrical work, unless he/she is doing such work under the direct supervision of a holder of a certificate of competency as a master electrician.
(2) It shall be unlawful for a journeyman to allow any person employed as a helper / apprentice, or trainee to do any electrical work, except under the direct supervision of a master or journeyman.
(3) A minimum of one (1) journeyman must be present on each construction site. Additional journeymen shall be required at the discretion of the Code official.

(L) Regulation of Low Voltage Contractors.

(1) All installations of low voltage systems, both hardwired and wireless, (i.e., sound, radio and television receiving equipment, burglar alarm systems, telephone fire alarm systems and audio systems) shall comply

with the standards of safety as approved and amended by a nationally recognized testing laboratory, the provisions of which are incorporated herein and made a part hereof by reference.
(2) Low Voltage Contractors must be licensed by the Alabama Electronics Security Board and must be issued a limited certificate of competency by the City of Mobile.
Work performed under the certificate shall be limited to the specific installation specified on the certificate.
(3) Low Voltage Contractors shall not be authorized to connect low voltage systems to a structure's light, power or electrical heating systems.

(M) Construction Board of Appeals. The Board of Appeals, herein called the Construction Board of Appeals, shall be in accordance with the applicable sections of the International Building Code and the Ordinance Adopting the International Building Code which is adopted by separate ordinance.

(N) Unsafe Buildings and Equipment. All unsafe buildings are hereby declared illegal and shall be abated by repair and rehabilitation or by demolition in accordance with the International Property Maintenance Code and applicable ordinances.

SECTION NINE: CHAPTER 1 General, of the 2014 NATIONAL ELECTRICAL CODE to be amended as follows:

Amend Article 100, Definitions as follows:

Amend Part I by adding the following definitions to read as follows:

Certificate of Competency. Shall mean the certificate issued by the Board of Electrical Examiners which shall qualify the holder to perform the designated electrical services within the jurisdiction of this Code.

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

Department. Shall mean the Urban Development Department of the City of Mobile.

Electrical Code. Shall mean the National Electrical Code adopted herein as well as the additional Code sections in Chapter 19 of the City of Mobile Code.

Electrical Contractor. Shall mean a person, firm, or corporation engaged in the business of electrical contracting. An electrical contractor must be under the direction of a "Master Electrician."

Electrical Fence. Shall mean a barrier that uses electrical shocks to deter animals or people from crossing a boundary.

Electrical Official. Shall mean the Code Official in the Urban Development Department of the City of Mobile. If the Code Official authorizes a designee to enforce provisions of this Code, the actions of the authorized representative shall have the same full force and effect as those of the Code Official.

Flood Hazard Area. The area designated as a flood hazard area in accordance with the "Storm Water Management and Flood Control" Ordinance adopted and administered by the City of Mobile's Engineering Department.

Helper and Apprentice. A person who is employed to assist in electrical installations and is not recognized as a qualified Journeyman or Master Electrician.

Historic Building. Any building or structure that is listed in the Alabama Register of Landmarks and Heritage or in the National Register of Historic Places; designated as a historic property under local or state designation; certified as a contributing resource within a National Register listed or locally designated historic district; or with an opinion or certification that the property is eligible to be listed in the Alabama Register or the National Register of Historic Places either individually or as a contributing building to a historic district by the State Historic Preservation Officer or the Keeper of the National Register of Historic Places.

Journeyman Electrician. Shall mean a person who possesses the necessary qualifications, training and technical knowledge to install electrical wiring, apparatus, or equipment for light, heat or power, and who is qualified under the terms and provisions of this Code, and who shall be capable of doing electrical work according to the plans and specifications furnished, and in accordance with the standard rules and regulations governing wiring installations in the City of Mobile.

Low Voltage Contractor. Shall mean a person licensed by the Alabama Electronics Security Board to perform electrical work of 50 volts or less for installations of sound, radio and television receiving equipment, smoke, fire, burglary and other security alarm and recordation systems, banking, photographic, merchandising, dispensing, cleaning, and other electrical and electronic systems, provided these systems are not attached to the electrical wiring system of the building or structure. A Low Voltage Contractor is eligible for a limited certificate of competency issued by the Board of Electrical Examiners.

Master Electrician. A person who possesses the necessary qualifications, training and technical knowledge to plan, lay out, and supervise the installation of electrical wiring, apparatus or equipment for light, heat, or power, and who is qualified under the provisions of this Code with the required certificate of competency from the State of Alabama.

Qualified Person. Any person qualified under the terms and provisions of this Code to perform electrical work, including any home owner who desires to perform electrical work on his/her premises in accordance with the terms and provisions of this Code.

Regular Licensing Period. Shall date from January 1 to March 30 each year and is the period during which licenses under this Code chapter may be acquired.

Repairs. Shall mean repairs to or replacement of wiring devices, ballasts, securing conduits, and cables, re-splicing, re-insulating, guarding, etc. Replacement of conduits, feeders, and branch circuit conductors and the relocation of receptacles, switches, and outlets shall be considered as new installations, not repairs.

Service Repairs. Shall mean repairs to the panels and metering enclosures, electrode grounding system, and to the wiring system and raceways from the main breaker or main lug, to the point of connection to the utility company wire.

Amend Article 100, Part I by deleting the following definitions:

(1) Electrician
(2) Maintenance Electrician

Amend Article 110, Requirements for Electrical Installations as follows:

Add Paragraph 110.8 (A) Wiring Methods to read as follows:
When rewiring, renovating, or upgrading a wiring system, it shall be the responsibility of the electrical contractor to remove all obsolete and abandoned equipment, wiring, and conduits, when practical.

Add Paragraph 110.26(E)(1)(e) Spaces About Electrical Equipment to read as follows:
All sprinkler heads installed in electrical equipment rooms must be shielded to prevent water from entering the electrical panel.

SECTION TEN: CHAPTER 2, Wiring and Protection of the 2014 NATIONAL ELECTRICAL CODE to be amended as follows:

Amend Article 210, Branch Circuits as follows:

Add Paragraph 210.19(A)(3)(a) Conductors- Minimum Ampacity and Size to read as follows:
The branch circuit conductors of a range or combination cook top and oven circuit shall be sized according to manufacturer instructions or shall not be smaller than AWC#6, copper or equivalent.

Amend Article 230, Services as follows:

Add Paragraph 230.28(A) Service Mast as Supports to read as follows:
If a service mast is used for the attachment and support of service drop conductors, it shall consist of rigid steel conduit or equivalent, not less than two (2) inches (trade size) in diameter.

Amend 230.70(A)(1) Service Equipment Disconnecting Means- General to read as follows:
Except as hereinafter specified, every building or structure in which electricity is used for light, heat or power, shall have the main service disconnect or disconnects located as nearly as practicable to an outside service entrance. This location shall be accessible to police, fire fighter, and all occupants of such building or structure.

Amend Article 250 Grounding and Bonding as follows:

Add Paragraph 250.112(N) Specific Equipment Fastened in Place (Fixed) or Connected by Permanent Wiring Methods to read as follows:
Separate grounding conductors shall be used for all flexible conduits enclosing branch circuit conductors of electrical appliances and equipment.

SECTION ELEVEN: CHAPTER 3 Wiring Methods and Materials of the 2014 NATIONAL ELECTRICAL CODE to be amended as follows:

Amend Article 314, Outlet, Device, Pull, and Junction; Conduit Bodies; Fitting; and Handhole Enclosures as follows:

Add Paragraph 314.27 Outlet Boxes to read as follows:
A fan-rated ceiling outlet shall be provided in all bedrooms of new single family and multi-family dwellings.

Amend Article 344 Rigid Metal Conduit: Type RMC

Add Paragraph 344.10 Uses Permitted to read as follows:

All metallic conduits, installed in ground floor slabs, underground and on top of floors in damp and wet locations must be (PVC) non-metallic rigid conduit or galvanized (or equal) rigid steel construction.

SECTION TWELVE: CHAPTER 4 Equipment for General Use of the 2014 National Electrical Code to be amended as follows:

Amend Article 422, Appliances

Add paragraph 422.30 General to read as follows:
A means of disconnecting an electric hot water supply system from its power supply shall be provided. A disconnect switch shall be provided in accordance with the 2014 National Electrical Code. Required electrical disconnect shall be located within 6 feet (1524mm) of the water heater with identifying label.

SECTION THIRTEEN: CHAPTER 5 Special Occupancies of the 2014 NATIONAL ELECTRICAL CODE to be amended as follows:

Amend Article 590, Temporary Installations as follows:

Add Paragraph 590.2 All Wiring Installations to read as follows:
Temporary services shall be adequate for any load that may be connected and properly identified.

SECTION FOURTEEN: CHAPTER 6 Special Equipment of the 2014 National Electrical Code to be amended as follows:

Amend Article 680, Swimming Pools, Fountains and Similar Installations as follows:

Add Paragraph 680.23 Underwater Luminaries to read as follows:

(A) General

(4) Voltage Limitation. No luminaries shall be installed for operation on supply circuits over 50 volts between conductors

SECTION FIFTEEN: SEPARATION CLAUSE. If any 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 this Code. The City Council of the City of Mobile hereby declares that it would have passed this Code and each section, subsection, clause or phase thereof, irrespective of the fact that any one or more sections, subsections, sentences or phrases be declared unconstitutional.

Adopted: APR 0 7 2015

City Clerk