



**ORDINANCE NO. 3063**

**AN ORDINANCE OF THE CITY OF LYNNWOOD, WASHINGTON, ADOPTING THE 2014 EDITION OF THE NATIONAL ELECTRICAL CODE, THE WASHINGTON CITIES ELECTRICAL CODE AMENDMENTS TO THE 2014 NATIONAL ELECTRICAL CODE; AMENDING CHAPTER 16.10 OF THE LYNNWOOD MUNICIPAL CODE IN ORDER TO MAINTAIN CONSISTENCY WITH THE 2014 NATIONAL ELECTRICAL CODE AS AMENDED; ADDING A NEW SECTION 16.10.065 REGARDING WORK NOT REQUIRING A PERMIT; PROVIDING FOR SEVERABILITY; AND ESTABLISHING AN EFFECTIVE DATE.**

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WHEREAS, with the approval of Ordinance 2840 on July 8, 2010, the adopted the 2008 Edition of the National Electrical Code (NEC); and

WHEREAS, on \_\_\_\_\_ the Washington State Building Code Council adopted the 2014 Edition of the NEC (2014 NEC) with an effective date of July 1, 2014; and

WHEREAS, the Washington Cities Electrical Code Committee, a consortium of numerous Washington municipalities including the City of Lynnwood, reviewed the 2014 NEC and subsequently adopted certain amendments where it was deemed necessary and appropriate to vary from the 2014 NEC in order to promote and protect the public health, safety and welfare of the general public; and

WHEREAS, the City Council desires to routinely update applicable provisions of the Lynnwood Municipal Code so as to conform to newly-adopted State codes relating to building and life safety; and

WHEREAS, the City Council has determined that adoption of the 2014 NEC, with certain local amendments as put forth by the WCEC Committee, is necessary to protect the public's health, safety and welfare; NOW THEREFORE

THE CITY COUNCIL OF THE CITY OF LYNNWOOD, WASHINGTON, DO ORDAIN AS FOLLOWS:

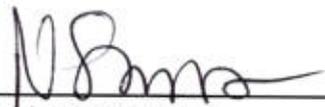
**Section 1. Amendment.** Chapter 16.10 of the Lynnwood Municipal Code is hereby amended and replaced to read as set forth on **Exhibit A** to this Ordinance, attached hereto and incorporated herein by this reference.

**Section 2. Severability.** If any section, subsection, sentence, clause, phrase, or word of this Ordinance should be held to be invalid or unconstitutional or inapplicable by a court of competent jurisdiction, such invalidity or unconstitutionality or inapplicability thereof shall not affect the validity or constitutionality of any other section, subsection, sentence, clause, phrase, or word of this Ordinance.

**Section 3. Effective Date.** This Ordinance shall be in full force and effective five (5) days after passage and publication as provided by law. Publication shall be by summary publication of the Ordinance Title.

PASSED BY THE CITY COUNCIL, this 9th day of June, 2014, and signed in authentication of its passage this 11<sup>th</sup> day of June, 2014.

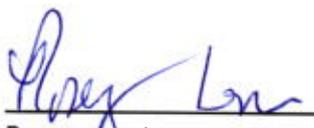
APPROVED:

  
\_\_\_\_\_  
Nicola Smith, Mayor

ATTEST/AUTHENTICATED:

  
\_\_\_\_\_  
Lorenzo Hines Jr., Finance Director

APPROVED AS TO FORM:

  
\_\_\_\_\_  
Rosemary Larson, City Attorney

FILED WITH ADMINISTRATIVE SERVICES: 06/03/2014  
PASSED BY THE CITY COUNCIL: 06/09/2014  
PUBLISHED: 06/13/2014  
EFFECTIVE DATE: 06/18/2014  
ORDINANCE NUMBER: 3063

## Chapter 16.10 ELECTRIC CODE

### Sections:

- [16.10.010](#) Copies of codes on file.
- [16.10.020](#) Purpose.
- [16.10.030](#) Definitions.
- [16.10.040](#) Violations.
- [16.10.050](#) Codes adopted.
- [16.10.060](#) Permits.
- [16.10.065](#) Work Exempt from permits.
- [16.10.070](#) Application for permits.
- [16.10.075](#) Expiration.
- [16.10.080](#) Plan review fees.
- [16.10.090](#) Electrical permit fees.
- [16.10.100](#) Temporary installation.
- [16.10.110](#) Wiring and circuit specifications – New work.
- [16.10.120](#) Effect of chapter on existing wiring.
- [16.10.130](#) Service entrance conductors.
- [16.10.140](#) Grounding procedures.
- [16.10.150](#) Raceways.
- [16.10.160](#) Pool installations.
- [16.10.900](#) Severability.

### **16.10.010 Copies of codes on file.**

The city shall at all times keep on file with the finance director, for reference by the general public, not less than one copy of the codes and resolutions, or parts thereof, as herein adopted by

reference, together with the amendments and supplements thereto herein made a part of this chapter.

The copies of the codes on file may be placed by the finance director in the custody of the office of the building official in order to make them more readily available for inspection and use by the general public.

#### **16.10.020 Purpose.**

This chapter is enacted as an exercise of the police power of the city for the benefit of the public at large. It is not intended to create a special relationship with any individual, or individuals, or to identify and protect any particular class of persons. The purpose of this chapter is to provide minimum standards to safeguard persons and property from hazards arising from the use of electricity.

#### **16.10.030 Definitions.**

Whenever the following words appear in the codes adopted by reference in this title they are to be interpreted as follows:

- A. "Administrative authority" means the building official or designee.
- B. "Chief or director of fire services" means the fire chief or designee.
- C. "Corporation counsel" means the city attorney or designee.
- D. "City treasurer" means the finance director or designee.
- E. "Hazardous location" means a hazardous location as determined by the city of Lynnwood building official or designee.
- F. "Local zoning code" means the city of Lynnwood zoning code, LMC Title [21](#), as amended.
- G. "Municipality" and "the jurisdiction" mean the city of Lynnwood.
- H. Whenever reference is made to local authority, codes, jurisdiction, and similar concepts within the codes adopted by reference in this chapter, such reference shall apply to the city of Lynnwood.

#### **16.10.040 Violations.**

Violations as adopted by the 2014 NEC and/or the WCEC are deleted and replaced with the following wording:

Any person, firm, or corporation violating any of the provisions of this Code shall be guilty of a misdemeanor, and each such person, firm or corporation shall be guilty of a

separate offense for each and every day, or portion thereof, during which any violation of any of the provisions of this Code is committed, continued, or permitted.

It shall be unlawful for any person to remove, mutilate, destroy or conceal any lawful notice issued or posted by the building official pursuant to the provisions of this Code.

Anyone concerned in the violation or failure to comply with the provisions of this Code, whether directly committing the act or effecting the omission constituting the offense, or aiding or abetting the same, whether present or absent; and anyone who directly or indirectly counsels, encourages, hires, commands, induces or otherwise procures another to violate or fail to comply with the provisions of this Code, is and shall be guilty of a misdemeanor.

Conviction of any such misdemeanor shall be punishable by a fine of not more than \$1,000 or by imprisonment for not more than 90 days, or by both such fine and imprisonment.

#### **16.10.050 Codes adopted.**

As amended by the provisions of this chapter, the 2014 National Electrical Code (NEC) issued by the National Fire Protection Association including Annex A, B, C, and the current Washington Cities Electrical Code (WCEC) parts 1, 2 and 3 are adopted by reference.

#### **16.10.060 Permits.**

WCEC article 85 as adopted by this chapter is amended by adding thereto the following:

A separate permit is required for each building address.

#### **16.10.065 Work Exempt from permits.**

WCEC article 85 as adopted by this chapter is amended by adding thereto the following:

An electrical permit shall not be required for the following:

All wiring for low voltage installations within a one-family dwelling unit or its accessory structure except wired security, fire or smoke alarm systems, provided the power is supplied by a listed Class 2 power supply and none of the wiring penetrates the wall or ceiling between the dwelling unit and an attached garage or wall separating two dwelling units.

#### **16.10.070 Application for permits.**

WCEC article 85 as adopted by this chapter is amended by adding thereto the following:

Application for an electrical permit shall be made on a form provided by the building official. Each application shall state the name and address of the owner, vendee, or

occupant in possession of the building or premises where the work is to be done, the name of the licensed contractor, if any, making the application, and such other information as the building official may require. The building official shall refuse to issue or may revoke the permit if any statement on a permit application is found to be untrue, or if the permit application is incomplete.

#### **16.10.075 Expiration.**

Expiration of permits as adopted by the 2014 NEC and/or the WCEC are deleted and replaced with the following wording:

Permits become null and void if the authorized work has not been inspected by this department within 180 calendar days of issuance or for a period of 180 calendar days from the last inspection. The total life of permits is limited to a maximum of 540 calendar days, provided it has not expired under the restrictions above. One extension request for 180 calendar days may be granted if a written request is submitted to the Building Official showing just cause before the expiration date.

If a permit expires, the permittee shall obtain a new permit to complete the remainder of the work. The cost of the new permit will be based on the value of the remainder of work per the fee schedule.

#### **16.10.080 Plan review fees.**

Fees shall be set forth in a fee resolution adopted and from time to time amended by the city council.

#### **16.10.090 Electrical permit fees.**

Fees shall be set forth in a fee resolution adopted and from time to time amended by the city council.

#### **16.10.100 Temporary installation.**

If the building official finds that the safety of life and property will not be jeopardized, permits may be issued for temporary electrical installations for use during the construction of buildings or for carnivals, conventions, festivals, fairs, the holding of religious services, temporary lighting of streets, or other approved uses. Permission to use such temporary installations shall not be granted for a greater length of time than 45 days, except that a permit for a temporary installation to be used for construction of a building may be issued for the period of construction. Should such temporary lighting be over the street area, the proper authorization for such use of the street must first be obtained. All such temporary installations shall be made in a manner as nearly as practicable in conformance with the requirements of this code for permanent work; provided, that the building official may permit deviations which will not permit hazards to life or property;

and further provided, that whenever such hazards are deemed by the building official to exist, the building official may at once rescind or cancel the permit covering such installation and disconnects, or order the disconnection of all energy to such equipment.

**16.10.110 Wiring and circuit specifications – New work.**

The NEC and WCEC article 310 adopted by this chapter is amended by adding thereto the following:

Minimum size of conductors:

A. In commercial installations, No. 12 American Wire Gauge copper (AWG); control wiring of 24 volts or less is exempt.

B. In residential installation, No. 14 AWG copper.

C. In all installations, no aluminum wire shall be used.

Exceptions:

1. Service entrance conductors;
2. Branch circuits of 50 amperes or greater.

**16.10.120 Effect of chapter on existing wiring.**

A. The provisions of this chapter are not intended to apply to electrical installations in existence at the time of its adoption, except in those cases which, in the opinion of the building official, are found to be dangerous to life or property, and except as is otherwise specifically provided in this chapter.

B. Whenever an existing electrical service is to be moved, altered, or enlarged, the service equipment must be reinstalled in conformance with this chapter and Chapter [16.14](#) LMC for underground utilities.

Exception: Repair and/or upgrade of the electrical service of a single-family residence with existing overhead service drop.

C. Additions or alterations to existing electrical systems shall be done using materials and methods equivalent to or exceeding the currently adopted national, state and city of Lynnwood electrical codes.

D. Conductors not in use shall be removed.

**16.10.130 Service entrance conductors.**

The NEC and WCEC article 230 as adopted by this chapter is amended by adding thereto the following:

Service entrance conductors shall be installed in the following manner:

A. Minimum coverage shall be 24 inches below finished grade.

B. Distribution equipment and conductor shall be of the same rating. On existing services, the ampacity of installed conductors shall be labeled on service distribution equipment when not of the same rating.

C. Where current limiters are permitted, they shall be installed in an approved enclosure, and labeled "current limiters."

D. Where Section 230-95(c) of the National Electrical Code applies, tests shall be performed by an approved testing agency.

E. Single-family dwellings may be served with approved direct burial cable, provided such cable shall be sleeved under paving, and installed to conform to Sections 230(d) and 300-5 of the National Electric Code.

#### **16.10.140 Grounding procedures.**

The NEC and WCEC article 250 as adopted by this chapter is amended by adding thereto the following:

Flexible metal conduit shall contain an equipment grounding conductor sized per National Electrical Code Section 250-95.

#### **16.10.150 Raceways.**

The NEC and WCEC article 330 as adopted by this chapter is amended by adding thereto the following:

Metal Clad (M.C.) cable used in commercial applications shall not be smaller than No. 12 AWG copper, with a grounding conductor contained within the outer jacket, approved per National Electrical Code for use only with approved fittings.

#### **16.10.160 Pool installations.**

The NEC and WCEC article 680 as adopted by this chapter is amended by adding thereto the following:

All electrical equipment installed in the water, walls or deck of any pool or fountain shall comply in full with the provisions of Article 680 of the National Electrical Code, without distinguishing between "storable" and "permanently installed" pools and fountains.

**16.10.900 Severability.**

If any section, subsection, sentence, clause, phrase, or word of this chapter should be held to be invalid or unconstitutional by a court of competent jurisdiction, such invalidity or unconstitutionality thereof shall not affect the validity or constitutionality of any other section, subsection, sentence, clause, phrase, or word of this chapter.



On the, 9th day of June, 2014 the City Council of the City of Lynnwood, Washington, passed ordinance 3063. A summary of the content of this ordinance, consisting of the title, provides as follows:

**ORDINANCE 3063**

AN ORDINANCE OF THE CITY OF LYNNWOOD, WASHINGTON, ADOPTING THE 2014 EDITION OF THE NATIONAL ELECTRICAL CODE, THE WASHINGTON CITIES ELECTRICAL CODE AMENDMENTS TO THE 2014 NATIONAL ELECTRICAL CODE; AMENDING CHAPTER 16.10 OF THE LYNNWOOD MUNICIPAL CODE IN ORDER TO MAINTAIN CONSISTENCY WITH THE 2014 NATIONAL ELECTRICAL CODE AS AMENDED; ADDING A NEW SECTION 16.10.065 REGARDING WORK NOT REQUIRING A PERMIT; PROVIDING FOR SEVERABILITY; AND ESTABLISHING AN EFFECTIVE DATE.

The full text of this ordinance will be mailed upon request.

DATED this 13th day of June, 2014.



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Lorenzo Hines Jr., Finance Director



**LYNNWOOD**  
WASHINGTON

## **CERTIFICATE**

I, the undersigned, Lorenzo Hines Jr., the duly appointed City Clerk of the City of Lynnwood, Washington, hereby certify that the Ordinance hereto attached is a full, true and correct copy of Ordinance No. 3063 of the City of Lynnwood, Washington, entitled as follows:

### **ORDINANCE 3063**

**AN ORDINANCE OF THE CITY OF LYNNWOOD, WASHINGTON, ADOPTING THE 2014 EDITION OF THE NATIONAL ELECTRICAL CODE, THE WASHINGTON CITIES ELECTRICAL CODE AMENDMENTS TO THE 2014 NATIONAL ELECTRICAL CODE; AMENDING CHAPTER 16.10 OF THE LYNNWOOD MUNICIPAL CODE IN ORDER TO MAINTAIN CONSISTENCY WITH THE 2014 NATIONAL ELECTRICAL CODE AS AMENDED; ADDING A NEW SECTION 16.10.065 REGARDING WORK NOT REQUIRING A PERMIT; PROVIDING FOR SEVERABILITY; AND ESTABLISHING AN EFFECTIVE DATE.**

That said ordinance was passed by the Council on June 9, 2014 of said City and was published and posted according to law; that said ordinance was duly published in the official newspaper of said City on June 13, 2014.

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Lorenzo Hines, Jr., City Clerk of the  
City of Lynnwood, Washington