

ORDINANCE NO. 13-23

AN ORDINANCE TO BE KNOWN AND DESIGNATED AS THE ELECTRICAL CODE OF THE CITY OF HAYWARD; REGULATING THE INSTALLATION, ALTERATION, REPAIR, AND MAINTENANCE OF ELECTRICAL WIRING, ELECTRICAL FIXTURES, AND OTHER ELECTRICAL APPLIANCES AND EQUIPMENT; PROVIDING FOR THE ISSUANCE OF PERMITS AND COLLECTION OF FEES; AND REPEALING ORDINANCE NO. 10-21 AND ALL AMENDMENTS THERETO

THE CITY COUNCIL OF THE CITY OF HAYWARD DOES ORDAIN AS FOLLOWS:

Section 1. In accordance with state law, effective January 1, 2014, Ordinance No. 10-21, and all amendments thereto, is repealed and, in substitution thereof, a new Electrical Code for the City of Hayward is enacted to read as follows:

ELECTRICAL CODE
OF THE CITY OF HAYWARD

SECTION 1.00 CALIFORNIA ELECTRICAL CODE, ADOPTION BY REFERENCE

The *2013 California Electrical Code*, Part 3, Title 24, California Code of Regulations (which is based upon the National Electrical Code, 2011 Edition, published by the National Fire Protection Association), as modified by the amendments, additions, and deletions set forth hereinafter, are hereby adopted by reference as the Electrical Code of the City of Hayward, regulating the installation, alteration, repair, and maintenance of electrical wiring, electrical fixtures, and other electrical appliances and equipment in the City of Hayward.

A copy of the California Electrical Code is on file in the office of the City Clerk, to which reference is hereby made for further particulars. Reference is also made to the State's Matrix Adoption Tables which identify local Building Official's responsibilities and enforce certain amendments.

SECTION 2.00 AMENDMENTS, ADDITIONS AND DELETIONS TO THE 2013 CALIFORNIA ELECTRICAL CODE. Set forth below are the local amendments, additions and deletions of the *2013 California Electrical Code*. Chapter and section numbers used herein are those of the California Electrical Code.

SECTION 3.00 APPLICABILITY OF CALIFORNIA ELECTRICAL CODE ANNEX CHAPTERS Wherever in the California Electrical Code reference is made to an annex chapter, the provisions of the said annex shall not apply unless specifically adopted by this code.

ANNEX CHAPTER H
ADMINISTRATION AND ENFORCEMENT

Annex H “Administration”, is hereby adopted as the administrative chapter for the “Hayward Electrical Code” with amendments as follows:

For administrative requirements not covered in this Chapter, the *2013 California Building Code*, Appendix Chapter 1, Division II, as amended by the City of Hayward shall be applied.

SECTION 80.15 ELECTRICAL BOARD

Section 80.15 is hereby deleted and is replaced by Section 112 of Appendix Chapter 1 of the 2013 California Building Code, Board of Appeals.

SECTION 80.19 PERMITS AND APPROVALS.

A new Section 80-19.1 is hereby added to read as follows:

- (a) Permits may only be issued to a person holding a valid State of California Electrical Contractors license except when otherwise provided in this section.
- (b) Any permit required by this code may be issued to any person to do any work regulated by this code in a single-family dwelling used exclusively for living purposes, including the usual accessory buildings and quarters in connection with such buildings provided that the applicant is the owner and resident in such buildings, accessory buildings, or quarters.

Section 80.19 (A) (2) is hereby deleted and a new section 80.19 (A) (2) is added to read as follows:

Work requiring a permit shall not be commenced until the permit holder or their agent shall have posted an inspection record card in a conspicuous place on the premises and in such position as to allow the authority having jurisdiction conveniently to make the required entries thereon regarding inspection of the work. This card shall be maintained in such position by the permit holder until final approval has been granted by the Building Official.

There shall be a final inspection and approval on all buildings and structures when completed and ready for occupancy or use.

Section 80.19 (D) Annual Permits is hereby deleted.

Section 80.19 (E) Fees is replaced to read as follows:

Section E.1 Plan Review Fees. When a plan or other data is required to be submitted by subsection (b) of section 302 of this code and not otherwise included in the plan review of a new building or addition, a plan review fee shall be paid at the time of issuance of the permit. When plans are incomplete or changed so as to require additional plan review, an additional plan review fee shall be charged based on project valuation at the rate established from time to time by applicable resolution of the City of Hayward.

Section E.2 Investigation Fees. An investigation fee, in addition to the permit fee, shall be collected whether or not a permit is then or subsequently issued. The investigation fee shall be equal to the amount of the permit fee required by this code. The minimum investigation fee shall be the same as the minimum fee established by City of Hayward ordinance for building code violations. The payment of such investigation fee shall not exempt any person from compliance with all other provisions of this Code nor from any penalty prescribed by law.

Section E.3 Reinspection Fees. To obtain a reinspection, the applicant shall pay the prescribed fee as set forth in the City Council resolution establishing fees. Payment shall be made prior to reinspection.

CALIFORNIA CHAPTER 1
GENERAL CODE PROVISIONS

SEC. 89.101.1 TITLE

Section 89.101.1 is revised to read as follows:

89.101.1 Title. The California Electrical Code as amended by this Chapter, shall be known as the *Electrical Code of the City of Hayward*. The provisions contained in this Chapter are adopted, and together with the amended CEC, are referred to hereafter as “these regulations” or “this code.”

CHAPTER 1
GENERAL

ARTICLE 100 DEFINITIONS is hereby amended by the addition of the following words or phrases:

“CITY” or “THE CITY”: The City of Hayward unless the context requires otherwise.

“CITY COUNCIL”: The City Council of the City of Hayward.

“ELECTRICAL CONTRACTOR”: A contractor in possession of a valid license issued in accordance with the provisions of the State of California Contractors License Law.

“ELECTRICAL INSPECTOR”: The Building Official of the City of Hayward or his or her authorized representative.

“ELECTRICAL WORK”: The installation, construction, maintenance, and repair of electrical equipment.

“EXPOSED WIRING”: Electric wiring not rendered inaccessible by the structure or finish of the building. Open wiring within basements or under floors rendered accessible by means of doors or openings shall be considered as exposed wiring.

“H.E.C.”: The Hayward Electrical Code.

“PERSON”: A natural person, his or her heirs, executors, administrators, or assignees, and also includes a firm, partnership, or corporation, it’s or their successors or assignees, or the agent of any of the aforesaid.

“SINGLE FAMILY DWELLING”: A residential building containing one or two dwelling units.

CHAPTER 2 WIRING AND PROTECTION

ARTICLE 210 BRANCH CIRCUITS is hereby amended as follows:

SEC. 210.5 (C) UNGROUNDED CONDUCTORS OF MULTIWIRE BRANCH CIRCUITS IN RACEWAY. A second paragraph is hereby added to this section to read as follows:

In commercial or industrial occupancies ungrounded conductors of a multi-wire branch circuit shall each be of a color or other distinguishing marking to identify the feeder phase by which it is supplied and each conductor of the same identification shall be connected to the same feeder.

Required colors for identification are as follows:

- 120/240 volt 3 wire conductors: Black, Red
- 120/240 volt 4 wire conductors: Black, Orange, Red or Blue
- 120/208 volt 4 wire conductors: Black, Red, Blue
- 277/480 volt 4 wire conductors: Brown, Purple, Yellow

ARTICLE 230 SERVICES, SECTION VI SERVICE EQUIPMENT – DISCONNECTING MEANS is hereby amended as follows:

SEC. 230.70 (a) LOCATION is deleted and replaced as follows:

The service disconnecting means shall be installed on the exterior of any residential structure or within a cabinet or electrical equipment room with Fire Department access provided.

ARTICLE 250 GROUNDING AND BONDING, SEC. 250.66.SIZE OF ALTERNATING-CURRENT GROUNDING ELECTRODE CONDUCTOR is hereby amended as follows:

- (A) Connection to Rod, Pipe, or Plate Electrodes is hereby deleted.
- (B) Connection to Concrete Encased Electrodes is hereby deleted.

CHAPTER 3
WIRING METHODS AND MATERIALS

ARTICLE 300 Wiring Methods is hereby amended as follows:

SEC.300.11Securing and Supporting

A new sentence is added to the end of this section to read as follows:

Low voltage (50 volts and less) communications, alarm, signaling systems, and similar systems shall be supported as provided above at not to exceed 4-1/2 foot intervals within buildings.

EXCEPTION: In suspended ceilings, low voltage (50 volts and less) systems referred to above shall be supported at intervals not to exceed eight feet.

CHAPTER 7
SPECIAL CONDITIONS

ARTICLE 770 OPTICAL FIBER CABLE AND RACEWAYS is amended as follows:

SEC. 770-8 is added to read as follows:

Optical fiber cables shall be supported at intervals not to exceed 4-1/2 feet.

EXCEPTION: The ceiling support system shall be permitted to support wiring and equipment that have been tested as part of the fire-rated assembly.

INTRODUCED at a special meeting of the City Council of the City of Hayward, held the 10th day of December, 2013, by Council Member Zermefio .

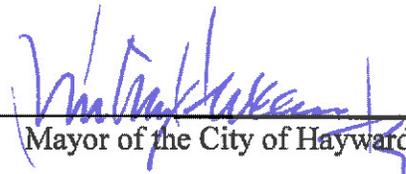
ADOPTED at a regular meeting of the City Council of the City of Hayward held
the 17th day of December, 2013, by the following votes of members of said City Council.

AYES: COUNCIL MEMBERS: Zermeño, Jones, Halliday, Peixoto, Salinas
MAYOR: Sweeney

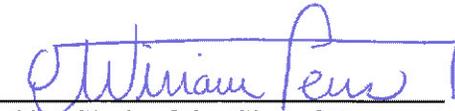
NOES: COUNCIL MEMBERS: None

ATTEST: COUNCIL MEMBERS: None

ABSENT: COUNCIL MEMBERS: Mendall

APPROVED: 
Mayor of the City of Hayward

DATE: December 19, 2013

ATTEST: 
City Clerk of the City of Hayward

APPROVED AS TO FORM:


City Attorney of the City of Hayward