

ORDINANCE NO. 07-21

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. 05-03 AND ALL AMENDMENTS THERETO

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

Section 1. Effective January 1, 2008, Ordinance No. 05-03, and all amendments thereto, are repealed and, in substitution thereof, a new Electrical Code for the City of Hayward is enacted to read as follows: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 *2007 California Electrical Code*, Part 3, Title 24, California Code of Regulations (which is based upon the National Electrical Code, 2005 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 2007 CALIFORNIA ELECTRICAL CODE. Set forth below are the local amendments, additions and deletions of the *2007 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 G**  
**ADMINISTRATION AND ENFORCEMENT**

Annex G "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 *2007 California Building Code*, Appendix Chapter 1, 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 2007 California Building Code, Board of Appeals.

**SECTION 80.19 PERMITS AND APPROVALS.**

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 Building Official 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, its 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. 300.11 Securing 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 regular meeting of the City Council of the City of Hayward, held the 6th day of November, by Council Member Ward.

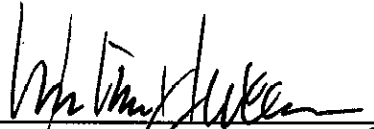
ADOPTED at a regular meeting of the City Council of the City of Hayward held the 27<sup>th</sup> day of November, by the following votes of members of said City Council.

AYES: COUNCIL MEMBERS: Rodriquez, Quirk, Halliday, Ward, Dowling, Henson  
MAYOR: Sweeney

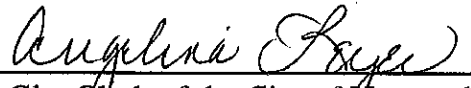
NOES: COUNCIL MEMBERS: None

ATTEST: COUNCIL MEMBERS: None

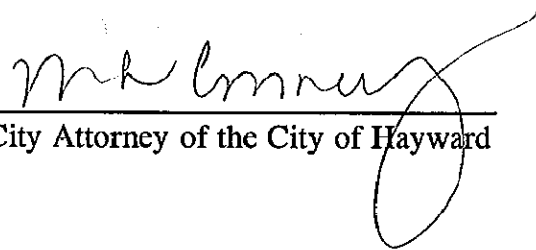
ABSENT: COUNCIL MEMBERS: None

APPROVED:   
Mayor of the City of Hayward

DATE: Nov. 30, 2007

ATTEST:   
City Clerk of the City of Hayward

APPROVED AS TO FORM:

  
City Attorney of the City of Hayward

# Daily Review

c/o ANG Newspapers  
22533 Foothill Blvd.  
Hayward, CA 94541  
Legal Advertising  
(800) 595-9595 opt.4

CITY OF HAYWARD  
ATTN: CONNIE MACIAS, 777 B ST.  
Hayward CA 94541

## PROOF OF PUBLICATION

FILE NO. Electrical Code

In the matter of

### Introduction of an Ordinance

The Daily Review

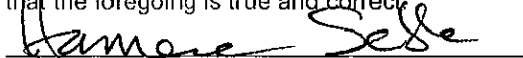
I am a citizen of the United States; I am over the age of eighteen years, and not a party to or interested in the above-entitled matter. I am the Legal Advertising Clerk of the printer and publisher of The Daily Review, a newspaper published in the English language in the City of Hayward, County of Alameda, State of California.

I declare that the Daily Review is a newspaper of general circulation as defined by the laws of the State of California as determined by this court's decree, dated March 2, 1950, in the action entitled In the Matter of the Ascertainment and Establishment of the Standing of The Daily Review as a Newspaper of General Circulation, case number 221938. Said decree states that "'The Daily Review' has been established, printed, and published daily in the City of Hayward, County of Alameda, State of California, for one year or more next preceding the date of the filing of said petition; that it is a newspaper published for the dissemination of local and telegraphic news and intelligence of a general character and has a bona fide subscription list of paying subscribers; ... [] [and] THEREFORE, ... 'The Daily Review' is hereby determined and declared to be a newspaper of general circulation [within the meaning of Government Code §§ 6000 et seq.]" Said decree has not been revoked, vacated or set aside.

I declare that the notice, of which the annexed is a printed copy, has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to wit:

11/17/2007

I certify (or declare) under the penalty of perjury that the foregoing is true and correct.



Public Notice Advertising Clerk

Legal No.

0000825971

PUBLIC NOTICE OF AN INTRODUCTION  
OF AN ORDINANCE BY THE CITY  
COUNCIL OF THE CITY OF HAYWARD

12/04/07 12:03 CLK

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. 05-03 AND ALL AMENDMENTS THERETO

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

SECTION 1.00. Effective January 1, 2008 Ordinance No. 05-03, and all amendments thereto, are 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 2007 CALIFORNIA ELECTRICAL CODE, ADOPTION BY REFERENCE

SECTION 2.00 AMENDMENTS, ADDITIONS AND DELETIONS TO THE 2007 CALIFORNIA ELECTRICAL CODE.

SECTION 3.00 APPLICABILITY OF CALIFORNIA ELECTRICAL CODE ANNEX CHAPTERS.

ANNEX CHAPTER G  
ADMINISTRATION AND ENFORCEMENT  
SECTION 80.16 ELECTRICAL BOARD.

SECTION 80.19 PERMITS AND APPROVALS

CALIFORNIA CHAPTER 1  
GENERAL CODE PROVISIONS  
SEC. 89.101.1 TITLE.

CHAPTER 1  
GENERAL  
ARTICLE 100. DEFINITIONS

CHAPTER 2  
WIRING AND PROTECTION  
ARTICLE 210 BRANCH CIRCUITS

ARTICLE 230 SERVICES, SECTION VI SERVICE EQUIPMENT - DISCONNECTING MEANS

ARTICLE 250 GROUNDING AND BONDING, SEC. 250.88. SIZE OF ALTERNATING CURRENT GROUNDING ELECTRODE CONDUCTOR

CHAPTER 3  
WIRING METHODS AND MATERIALS  
ARTICLE 300 WIRING METHODS

CHAPTER 7  
SPECIAL CONDITIONS  
ARTICLE 770 OPTICAL FIBER CABLE AND RACEWAYS

Introduced at a meeting of the Hayward City Council held November 6, 2007, the above-entitled ordinance was introduced by Council Member Ward.

This ordinance will be considered for adoption at the next meeting of the Hayward City Council, to be held on November 27, at 8:00 p.m., in the Council Chambers, 777 B Street, Hayward, California. The full text of this ordinance is available for examination by the public in the Office of the City Clerk.

DATED: November 17, 2007

Angelina Reyes, City Clerk  
City of Hayward  
The Daily Review, #825971  
November 17, 2007