

ORDINANCE NUMBER O- 18657 (NEW SERIES)

ADOPTED ON JUL 19 1999

AN ORDINANCE AMENDING CHAPTER IX, ARTICLE 2, DIVISION 1, OF THE SAN DIEGO MUNICIPAL CODE BY AMENDING SECTIONS 92.0102, 92.0103, 92.0106, 92.0107, AND 92.0108; AMENDING CHAPTER IX, ARTICLE 2, DIVISION 2, BY AMENDING SECTIONS 92.0201, 92.0202, 92.0203, 92.0204, 92.0205, 92.0207 AND 92.0208; AMENDING CHAPTER IX, ARTICLE 2, DIVISION 3 BY AMENDING SECTIONS 92.0301, AND 92.0303; AMENDING CHAPTER IX, ARTICLE 2, DIVISION 5 BY AMENDING SECTIONS 92.0504, AND 92.0510; AMENDING CHAPTER IX, ARTICLE 2, DIVISION 6 BY AMENDING SECTION 92.0607 AND 92.0629; ALL RELATING TO THE ELECTRICAL CODE.

BE IT ORDAINED, by the Council of The City of San Diego, as follows:

Section 1. That Chapter IX, Article 2, Division 1, of the San Diego Municipal Code is amended by amending Sections 92.0102, 92.0103, 92.0106, 92.0107, and 92.0108, to read as follows:

SEC. 92.0102 Adoption of California Electrical Code

(a) Except as provided in Section 92.002(b), the California Electrical Code, 1998 Edition, published by the California Building Standards Commission and as amended by the State Department of Housing & Community Development [HCD]; the Division of the State Architect-Access Compliance [DSA/AC]; the State Office of Statewide Health Planning & Development [OSHPD3]; and the State Fire Marshal [SFM] is adopted by reference and is the standard for electrical installations regulated by this Article. A copy of the California Electrical Code, 1998 Edition is on file in the office of the City Clerk as

Document No. OO-769837.

The following portions of the California Electric Code, 1998 Edition, are not adopted:

Section 230-43
Section 230-50
Section 230-52
Section 230-57
Section 230-70(a)
Section 384-3(f)

SEC. 92.0103 Interpretation

The language used in this Article and in the California Electrical Code, 1998 Edition, which is made a part of this Article by reference, is intended to convey the common and accepted meaning familiar to the electrical industry. The Building Official is authorized to determine the intent and meaning of any provision of this Article. The Building Official may utilize other codes, guides, or standards in making such determinations. These may include the National Fire and Life Safety Codes, published by NFPA; Standards for Safety, published by Underwriters Laboratories, Inc. (UL); American National Standards, published by the American National Standards Institute (ANSI); Manufacturing Standards, published by the National Electrical Manufacturers Association (NEMA); National Electrical Safety Code, published by the Institute of Electrical and Electronic Engineers (IEEE); General Order 95 and 128, published by the California Public Utilities Commission; the Electrical Service Guide, published by San Diego Gas and Electric Company; the San Diego Area Electrical Newsletters, published by the San Diego Chapter of the International Conference of Building Officials; and other references which the Building Official may deem appropriate. Such determination shall

be made in writing and a record kept which shall be open to the public.

SEC. 92.0106 Enforcement Authority and Duties

(a) The Building Official and any of the Building Official's designated Enforcement Officials are authorized to administer and enforce the provisions of this Article by using the powers set forth in Chapter I and Chapter IX, Article 1 of the Municipal Code.

(b) In addition to the powers set forth in Section 92.0106(a), the Building Official and any of the Building Official's designated Enforcement Officials have the authority during reasonable hours or at any time extreme danger exists to enter any building or structure in the discharge of their official duties to:

(1) through (3) [No change.]

(c) The Building Official may withhold permission to connect electrical service to any building or structure until such building is approved for occupancy.

(d) and (e) [No change.]

SEC. 92.0107 Enforcement Remedies

(a) Violations of this Article may be prosecuted as misdemeanors subject to the fines and custody provided in Chapter I, Article 2, of the Municipal Code. The Building Official may also seek injunctive relief and civil penalties in the Superior Court pursuant to Chapter I, Article 2 of the Municipal Code or may also pursue any administrative remedy provided in Chapter I of the Municipal Code.

(b) [No change.]

SEC. 92.0108 -- General Prohibitions

(a) [No change.]

(b) It is unlawful for any person to maintain an electrical system which was not legally installed pursuant to this Article, or which is, notwithstanding compliance with this Article, is maintained in an unsafe condition as determined by the Building Official.

(c) [No change.]

Section 2. That Chapter IX, Article 2, Division 2, of the San Diego Municipal Code is amended by amending Sections 92.0201, 92.0202, 92.0203, 92.0204, 92.0205, 92.0207, and 92.0208 to read as follows:

SEC. 92.0201 Permits Required

A. No electrical wiring, device, appliance or equipment shall be installed within or on any building, structure or premises nor shall any alterations or addition be made in any such existing wiring, device, appliance or equipment without first securing a permit therefor from the Building Official, except as stated in Section 92.0202.

B. through E. [No change.]

SEC. 92.0202 Permits - Exceptions

(a) through (c) [No change.]

(d) No permit shall be required for installation made by a public service corporation acting as permitted in Section 90-2 of the California Electrical Code, 1998 Edition.

(e) No permit shall be required for the installation of remote-control switching devices on privately-owned appliances when such devices are installed by the San Diego Gas and Electric Company or their authorized agents as part of the "Peak-Shift" energy

conservation program provided that the specifications for such installations are approved in writing by The City of San Diego, Building Official.

SEC. 92.0203 Temporary Permits

[No change to first paragraph.]

A. [No change.]

B. Carnivals, Conventions, Festivals, Fairs, etc. The temporary power authorization shall be for the time the event is in progress, not to exceed ninety (90) days; or

C. [No change.]

SEC. 92.0204 Expiration of Permit

A. Electrical permits shall expire one (1) year after the date of issuance except as noted below:

1. Electrical permits shall expire one hundred eighty (180) days after the date of issuance if the work authorized has not commenced; or

2. [No change.]

B. through D. [No change.]

E. [No change in first sentence.]

1. [No change.]

2. Where the total rough installation had been inspected and approved, the fee for the new permit shall be 50% of the original fee of the expired permit; or

3. [No change.]

SEC. 92.0205 Incompleted Installations

Should any person to whom a permit has been issued quit an installation, for any reason, that person or his or her authorized representative shall notify the Building Official. Such notice shall be in writing and made within forty-eight (48) hours of the date the work was discontinued and shall include a request for inspection of work installed. No person shall resume work on an incompleted installation until such installation has been approved by the Building Official and a new permit obtained. A copy of the written notice must accompany the application for the new permit.

SEC. 92.0207 Application for Permit

A. and B. [No change.]

C. Permits may only be obtained by:

(1) Any person, firm, or corporation holding a valid California State Contractor's License which permits electrical installation; or

(2) [No change.]

D. [No change.]

SEC. 92.0208 Electrical Plans Required

A. [No change.]

1. [No change.]

2. Apartment buildings containing three (3) or more units and having electrical heating; or

3. [No change.]

B. and C. [No change.]

Section 3. That Chapter IX, Article 2, Division 3, of the San Diego Municipal Code is amended by amending Sections 92.0301 and 92.0303, to read as follows:

SEC. 92.0301 Fee Schedule

A. [No change.]

B. A portion of the fees provided for in this section, established by resolution of the City Council and filed in the office of the City Clerk, may be refunded in the event that no portion of any work authorized by permit has been performed and provided that no inspections have been made. Such refund may be authorized by the Building Official upon application by the permittee within one year from the date of permit issuance. Prior to authorization of any refund under the provisions of this section, the Building Official shall require that the permittee's copy of the issued permit be returned to the Planning and Development Review Department.

C. [No change.]

SEC. 92.0303 Fee for Failure to Obtain Permit

[No change in first paragraph.]

Section 4. That Chapter IX, Article 2, Division 5, of the San Diego Municipal Code is amended by amending Sections 92.0504 and 92.0510, to read as follows:

SEC. 92.0504 Circuit Cards

A complete schedule of circuits, showing the number and arrangement of outlets on each circuit, shall be posted at the service equipment location prior to request for rough wiring inspection. Circuit cards furnished by the Planning and Development Review Department shall be used for this purpose. In lieu of a circuit card, an approved

wiring plan may be used.

SEC. 92.0510 Use of Nonmetallic Cables

(a) [No change.]

(b) This limitation does not apply to nonmetallic cables installed in accordance with Articles 725, 760 and 800 of the California Electrical Code, 1998 Edition.

Section 5. That Chapter IX, Article 2, Division 6, of the San Diego Municipal Code is amended by amending Sections 92.0607 and 92.0629, to read as follows:

SEC. 92.0607 Services

(a) Wiring Methods for 600 Volts, Nominal, or Less. Service-entrance conductors shall be installed in accordance with the applicable requirements of this *Code* covering the type of wiring method used and limited to the following methods: (1) Type IGS cable; (2) rigid metal conduit; (3) intermediate metal conduit; (4) electrical metallic tubing; (5) electrical nonmetallic tubing (ENT); (6) wireways; (7) busways; (8) auxiliary gutters; (9) rigid nonmetallic conduit; (10) cablebus; (11) Type MC cable; (12) mineral-insulated, metal-sheathed cable; (13) flexible metal conduit not over 6 ft (1.83 m) long or liquidtight flexible metal conduit not over 6 ft (1.83 m) long between raceways, or between raceway and service equipment, with equipment bonding jumper routed with the flexible metal conduit or the liquidtight flexible metal conduit according to the provisions of Section 250-79(a), (c), (d), and (f); or (16) liquidtight flexible nonmetallic conduit.

Approved cable systems shall be permitted to support cables approved for use as service-entrance conductors.

(b) Service Equipment - Disconnecting means: disconnecting means shall be

provided to disconnect all conductors in a building or other structure from the service-entrance conductors.

(1) Location. The service disconnecting means shall be installed at a readily accessible location either outside of a building or structure, or inside nearest the point of entrance of the service conductors.

(A) Any service disconnect installed outside must be on, or immediately adjacent to, the building served.

(B) Any service disconnect installed inside must be at, or immediately adjacent to, the point where the service conductors enter the building.

(C) Except by special permission, from the Building Official, the length of service conductors inside the building shall not exceed 10 feet.

(D) Service disconnecting means shall not be installed in bathrooms.

(2) Marking. Each service disconnecting means shall be permanently marked to identify it as a service disconnecting means.

(3) Suitable for Use. Each service disconnecting means shall be suitable for the prevailing conditions. Service equipment installed in hazardous (classified) locations shall comply with the requirements of Articles 500 through 517.

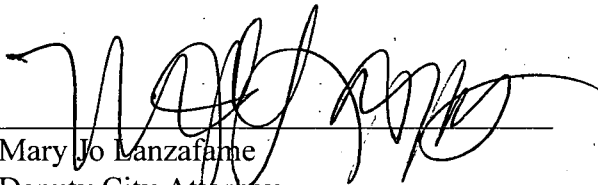
SEC. 92.0629 Switchboards and Panelboards

(a) Phase Arrangement. [No change in remainder of section.]

Section 6. That a full reading of this ordinance is dispensed with prior to its final passage, a written or printed copy having been available to the City Council and the public a day prior to its final passage.

Section 7. That this ordinance shall take effect and be in force on the thirtieth day from and after its passage.

APPROVED: CASEY GWINN, City Attorney

By 
Mary Jo Manzafame
Deputy City Attorney

MJL:cdk
06/11/99
Or.Dept:Dev.Svcs.
O-99-122

STRIKEOUT ORDINANCE

OLD LANGUAGE: ~~Struck Out~~
NEW LANGUAGE: Underlined

(O-99-122)

ORDINANCE NUMBER O-_____ (NEW SERIES)

ADOPTED ON _____

AN ORDINANCE AMENDING CHAPTER IX, ARTICLE 2, DIVISION 1, OF THE SAN DIEGO MUNICIPAL CODE BY AMENDING SECTIONS 92.0102, 92.0103, 92.0106, 92.0107, AND 92.0108; AMENDING CHAPTER IX, ARTICLE 2, DIVISION 2, BY AMENDING SECTIONS 92.0201, 92.0202, 92.0203, 92.0204, 92.0205, 92.0207 AND 92.0208; AMENDING CHAPTER IX, ARTICLE 2, DIVISION 3 BY AMENDING SECTION 92.0301 AND 92.0303; AMENDING CHAPTER IX, ARTICLE 2, DIVISION 5 BY AMENDING SECTIONS 92.0504, AND 92.0510; AMENDING CHAPTER IX, ARTICLE 2, DIVISION 6 BY AMENDING SECTIONS 92.0607 AND 92.0629; ALL RELATING TO THE ELECTRICAL CODE.

SEC. 92.0102 ~~Standards for Installations~~ Adoption of California Electrical Code

(a) Except as provided in Section 92.0102(b), the California Electrical Code National Electrical Code, 1993~~8~~ Edition, (1993-NEC) published by the California Building Standards Commission and as amended by the State Department of Housing & Community Development [HCD]; the Division of the State Architect-Access Compliance [DSA/AC]; the State Office of Statewide Health Planning & Development [OSHPD3]; and the State Fire Marshal [SFM] National Fire Protection Association; as amended by the California Department of Housing and Community Development, and adopted by the State Buildings Standards Commission, is hereby adopted by reference and, except as modified by this Article, is the standard for electrical installations regulated by this Article. A copy of the California Electrical

Code, 1998 Edition~~1993~~ NEC is on file in the office of the City Clerk as Document No. ~~769822~~
OO-769837.

The following portions of the California Electric Code, 1998 Edition, are not adopted:

Section 230-43
Section 230-50
Section 230-52
Section 230-57
Section 230-70(a)
Section 384-3(f)

SEC. 92.0103 Interpretation

The language used in this Article and in the California Electrical Code, 1998 Edition~~1993~~ NEC, which is made a part of this Article by reference, is intended to convey the common and accepted meaning familiar to the electrical industry. The Building Official is ~~hereby~~ authorized to determine the intent and meaning of any provision of this Article. The Building Official may utilize other codes, guides, or standards in making such determinations. These may include the National Fire and Life Safety Codes, published by NFPA; Standards for Safety, published by Underwriters Laboratories, Inc. (UL); American National Standards, published by the American National Standards Institute (ANSI); Manufacturing Standards, published by the National Electrical Manufacturers Association (NEMA); National Electrical Safety Code, published by the Institute of Electrical and Electronic Engineers (IEEE); General Order 95 and 128, published by the California Public Utilities Commission; the Electrical Service Guide, published by San Diego Gas and Electric Company; the San Diego Area Electrical Newsletters, published by the San Diego Chapter of the International Conference of Building Officials; and other references which the Building Official may deem appropriate. Such determination shall be made in writing and a record kept which shall be open to the public.

SEC. 92.0106 Enforcement Authority and Duties

(a) The Building Official and ~~the Director of the Neighborhood Code Compliance Department~~ any of the Building Official's designated Enforcement Officials are authorized to administer and enforce the provisions of this Article by using the powers set forth in Chapter I and Chapter IX, Article 1 of the Municipal Code.

(b) In addition to the powers set forth in Section 92.0106(a), the Building Official and ~~Director of Neighborhood Code Compliance Department~~ any of ~~their~~ the Building Official's designated Enforcement Officials have the authority during reasonable hours or at any time extreme danger exists to enter any building or structure in the discharge of their official duties to:

(1) through (3) [No change.]

(c) The Building Official ~~and Director~~ may withhold permission to connect electrical service to any building or structure until such building is approved for occupancy.

(d) and (e) [No change.]

SEC. 92.0107 Enforcement Remedies

(a) Violations of this Article may be prosecuted as misdemeanors subject to the ~~penalties~~ fines and custody provided in ~~Section 12.0201~~ Chapter I, Article 2, of the Municipal Code. ~~The Director of the Neighborhood Code Compliance Department or t~~ The Building Official may also seek injunctive relief and civil penalties in the Superior Court pursuant to Chapter I, Article 2 of the Municipal Code or may also pursue any administrative remedy provided in Chapter I of ~~this~~ the Municipal Code.

(b) [No change.]

SEC. 92.0108 -- General Prohibitions

(a) [No change.]

(b) It is unlawful for any person to maintain an electrical system which was not legally installed pursuant to this Article, or which is, notwithstanding compliance with this Article, is maintained in an unsafe condition as determined by the Building Official ~~or the Director of the Neighborhood Code Compliance Department.~~

(c) [No change.]

SEC. 92.0201 Permits Required

A. No electrical wiring, device, appliance or equipment shall be installed within or on any building, structure or premises nor shall any alterations or addition be made in any such existing wiring, device, appliance or equipment without first securing a permit therefor from the Building Official ~~Development Services Department~~, except as stated in Section 92.0202.

B. through E. [No change.]

SEC. 92.0202 Permits - Exceptions

(a) through (c) [No change.]

(d) No permit shall be required for installation made by a public service corporation acting as permitted in Section 90-2 of the 1993 NECCalifornia Electrical Code, 1998 Edition.

(e) No permit shall be required for the installation of remote-control switching devices on privately-owned appliances when such devices are installed by the San Diego Gas and Electric Company or their authorized agents as part of the "Peak-Shift" energy conservation program provided that the specifications for such installations are approved in writing by Ithe City of San Diego, Building Official ~~Development Services Department.~~

SEC. 92.0203 Temporary Permits

[No change to first paragraph.]

A. [No change.]

B. Carnivals, Conventions, Festivals, Fairs, etc. The temporary power authorization shall be for the time the event is in progress, not to exceed ninety (90) days; or

C. [No change.]

SEC. 92.0204 Expiration of Permit

A. Electrical permits shall expire one (1) year after the date of issuance except as noted below:

1. Electrical permits shall expire one hundred eighty (180) days after the date of issuance if the work authorized has not commenced; or

2. [No change.]

B. through D. [No change.]

E. [No change in first sentence.]

1. [No change.]

2. Where the total rough installation had been inspected and approved, the fee for the new permit shall be 50% of the original fee of the expired permit; or

3. [No change.]

SEC. 92.0205 Incompleted Installations

Should any person to whom a permit has been issued quit an installation, for any reason, he that person or his or her authorized representative shall notify the Building Official. Such notice shall be in writing and made ~~Development Services Department~~ within forty-eight (48) hours of the date the work was discontinued and shall include a request ~~an~~ for inspection of work

installed. No person shall resume work on an incompletd installation until such installation shall have has been approved by the ~~Development Services Department~~ Building Official and necessary a new permit obtained. A copy of the written notice must accompany the application for the new permit.

SEC. 92.0207 Application for Permit

A. and B. [No change.]

C. Permits may only be obtained by:

(1) Any person, firm, or corporation holding a valid California State Contractor's License which permits electrical installation; or

(2) [No change.]

D. [No change.]

SEC. 92.0208 Electrical Plans Required

A. [No change.]

1. [No change.]

2. Apartment buildings containing three (3) or more units and having electrical heating;

or

3. [No change.]

B. and C. [No change.]

SEC. 92.0301 Fee Schedule

A. [No change.]

B. A portion of the fees provided for in this section, established by resolution of the City Council and filed in the office of the City Clerk, may be refunded in the event that no portion of

any work authorized by permit has been performed and provided that no inspections have been made. Such refund may be authorized by the Building Official upon application by the permittee within one year from the date of permit issuance. Prior to authorization of any refund under the provisions of this section, the Building Official shall require that the permittee's copy of the issued permit be returned to the Planning and Development Review Services Department.

C. [No change.]

SEC. 92.0303 Fee for Failure to Obtain Permit

[No change in first paragraph.]

~~The penalty fees imposed by Municipal Code section 92.0303, shall be suspended from May 6, 1996, to November 8, 1996, for any work that has been started or completed prior to May 6, 1996, without the necessary permit, if an application for such permit is submitted to the Building Official during the effective period of this suspension. Nothing in this section shall entitle an applicant to a refund of a penalty fee assessed prior to May 6, 1996. Notwithstanding the foregoing, no person shall be relieved from fully complying with the requirements of the Municipal Code in the execution of the work or from any other penalties that may be prescribed by this Municipal Code.~~

SEC. 92.0504 Circuit Cards

A complete schedule of circuits, showing the number and arrangement of outlets on each circuit, shall be posted at the service equipment location prior to request for rough wiring inspection. Circuit cards furnished by the Planning and Development Review Services Department shall be used for this purpose. In lieu of a circuit card, an approved wiring plan may be used.

SEC. 92.0510 Use of Nonmetallic Cables

(a) [No change.]

(b) This limitation does not apply to nonmetallic cables installed in accordance with Articles 725, 760 and 800 of the 1993 NECCalifornia Electrical Code, 1998 Edition.

SEC. 92.0607 Services

The provisions of Article 230 of the 1993 NEC are adopted, except as modified as follows:

~~(a) The provisions of Section 230-43, subsections (1) "Open Wiring on Insulators" and (5) Service-entrance Cables" are deleted.~~

(a) Wiring Methods for 600 Volts, Nominal, or Less. Service-entrance conductors shall be installed in accordance with the applicable requirements of this Code covering the type of wiring method used and limited to the following methods: (1) Type IGS cable; (2) rigid metal conduit; (3) intermediate metal conduit; (4) electrical metallic tubing; (5) electrical nonmetallic tubing (ENT); (6) wireways; (7) busways; (8) auxiliary gutters; (9) rigid nonmetallic conduit; (10) cablebus; (11) Type MC cable; (12) mineral-insulated, metal-sheathed cable; (13) flexible metal conduit not over 6 ft (1.83 m) long or liquidtight flexible metal conduit not over 6 ft (1.83 m) long between raceways, or between raceway and service equipment, with equipment bonding jumper routed with the flexible metal conduit or the liquidtight flexible metal conduit according to the provisions of Section 250-79(a), (c), (d), and (f); or (16) liquidtight flexible nonmetallic conduit.

Approved cable systems shall be permitted to support cables approved for use as service-entrance conductors.

~~(b) The provisions of Sections 230-50, 230-51 and 230-52 relating to protection and mounting of open wiring on insulators and service entrance conductors are deleted.~~

(eb) ~~The provisions of Section 230-70(a) "Location of Service Disconnects," are modified to read as follows:~~Service Equipment - Disconnecting means: disconnecting means shall be provided to disconnect all conductors in a building or other structure from the service-entrance conductors.

(1) Location. The service disconnecting means shall be installed at a readily accessible location either outside of a building or structure, or inside nearest the point of entrance of the service conductors.

~~A means to disconnect service shall be installed in a readily accessible location either outside or inside of the building served.~~

(A) Any service disconnect installed outside must be on, or immediately adjacent to, the building served.

(B) Any service disconnect installed inside must be at, or immediately adjacent to, the point where the service conductors enter the building.

(C) Except by special permission, from the Building Official, the length of service conductors inside the building mayshall not exceed 10 feet.

(D) Service disconnecting means shall not be installed in bathrooms.

(2) Marking. Each service disconnecting means shall be permanently marked to identify it as a service disconnecting means.

(3) Suitable for Use. Each service disconnecting means shall be suitable for the prevailing conditions. Service equipment installed in hazardous (classified) locations shall comply with the

requirements of Articles 500 through 517.

SEC. 92.0629 Switchboards and Panelboards

~~The provisions of Article 384 (1993 NEC) are adopted in their entirety, except the provisions of Section 384-3, which shall read as follows:~~

(a) ~~Section 384-3(f)~~ "Phase Arrangement."²² [No change in remainder of section.]

MJL:cdk

06/11/99

Or.Dept.Plan.&Dev.Rev.

O-99-122