

ORDINANCE NO. 11382
(New Series)

SEP 5 1974

AN ORDINANCE AMENDING CHAPTER IX, ARTICLE 2 DIVISIONS 1, 4, 6 AND 7 OF THE SAN DIEGO MUNICIPAL CODE BY AMENDING SECTIONS 92.0101, 92.0401 AND 92.0613; AND BY ADDING SECTIONS 92.0606, 92.0707, 92.0715, 92.0728, 92.0729 AND 92.0730, ALL RELATING TO ELECTRICAL REGULATIONS.

WHEREAS, Sections 17922 and 17958 of the California Health and Safety Code provide that the governing body of every city or county shall adopt ordinances or regulations imposing the same requirements as those contained in the National Electrical Code, 1971 Edition; and

WHEREAS, Sections 17958.5 and 17958.7 of the California Health and Safety Code provide that a city or county may make such changes or modifications in the requirements contained in the National Electrical Code as it determines are reasonably necessary because of local conditions; and

WHEREAS, the amendments to the National Electrical Code, 1971 Edition, contained in this ordinance have been recommended by the City of San Diego Board of Appeals and Advisors and endorsed by the National Electrical Contractors' Association, the Construction Industry Coordinating Council, and the International Brotherhood of Electrical Workers Local 569 in order to provide for uniformity in San Diego County and to provide for local conditions and needs; and

WHEREAS, the Council of The City of San Diego expressly finds and declares that each amendment or change to the National Electrical Code, 1971 Edition, contained in this ordinance is needed to provide for local conditions; NOW, THEREFORE,

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

Section 1. That Chapter IX, Article 2, Divisions 1, 4 and 6 of the San Diego Municipal Code be amended by amending Sections 92.0101, 92.0401 and 92.0613 to read as follows:

SEC. 92.0101 STANDARDS FOR INSTALLATIONS AND MATERIALS: NATIONAL ELECTRICAL CODE ADOPTED

A. The National Electrical Code, 1971 Edition, published by the National Fire Protection Association, three printed copies of which are filed in the office of the City Clerk as Document No. 739727, be and the same is hereby adopted as part of the Municipal Code of The City of San Diego, except as hereinafter modified, amended, repealed, or deleted; and by reference thereto is made a part hereof as though fully set out herein.

B. The requirements of the National Electrical Code shall apply to all privately owned electrical installations except those installed and owned by a public service corporation for use in the generation,

transmission, distribution or metering of electrical energy, or the operation of signals, or the transmission of intelligence. All electrical installations that are under the jurisdiction of the California Division of Industrial Safety shall also comply with the requirements of Title 8, Chapter 4, Subchapter 5, Parts One and Two (Electrical Safety Orders). These orders may apply to occupancies other than places of employment.

SEC. 92.0401 FEE SCHEDULE

A. The fees prescribed in this article must be paid to The City of San Diego for each electrical installation for which a permit is required by this section, and must be paid before any such permit is issued, except as hereinafter provided.

B. Whenever it shall be necessary to make an extra inspection trip because the work for which inspection was previously requested was incomplete and not ready for inspection, a fee of ten dollars (\$10.00) shall be paid for making a reinspection of the work.

C. The fee for an inspection of materials or installation not included in the following fee schedule shall be ten dollars (\$10.00) per hour. The minimum fee for each permit issued under this subsection shall be ten dollars (\$10.00).

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D. The fees prescribed in this section, except for five dollars (\$5.00), 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 ninety (90) days 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 Building Inspection Department.

E. 1. Not more than four (4) receptacle outlets shall be connected to a receptacle circuit installed for operating small portable appliances in a kitchen, laundry, pantry and dining area.

2. Not more than fifteen (15) utilization current consuming outlets shall be connected to a lighting or general purpose branch circuit.

F. The following fees shall be paid:

1. For new residential construction, including apartment houses, but not including hotels, motels and mixed occupancies.

a. \$0.25 per ampere of service (fuse or breaker) rating for 115/230 volt single phase services.

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b. \$0.45 per ampere of service (fuse or breaker) rating for 120/208 volt three phase four wire services.

These fees shall include all circuits and equipment installed by the permittee before final electrical inspection.

2. For commercial and industrial construction including hotels, motels, mixed occupancies, and for alterations and/or additions to any existing wiring system in commercial, industrial and/or residential construction.

<u>Circuit Size</u>	<u>115/230V 120/208V</u>	<u>Voltage 277/480</u>	<u>Over 600 V</u>
0 - 20A	\$ 1.50	\$ 3.00	\$ 6.00
25 - 35A	2.00	4.00	8.00
40 - 45A	3.00	6.00	12.00
50 - 99A	4.00	8.00	16.00
100 - 199A	5.00	10.00	20.00
200 - 399A	6.00	12.00	24.00
400 - 599A	7.00	14.00	28.00
600 - 799A	8.00	16.00	32.00
800 - 999A	9.00	18.00	36.00
1000 & Larger	10.00	20.00	40.00

The fee established herein shall be paid for each over-current device, including service main, subfeed and branch circuits. These fees do not apply to series over-current devices on one branch circuit (as for motors). Where the over-current device exceeds the rated conductor capacity as is permitted for motor starting, the rated conductor capacity may be used to determine the fee.

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The fee established herein shall include the equipment installed on each branch circuit.

The fee for temporary meters installed as allowed in Section 92.0304(b) shall be five dollars (\$5.00). The fee for temporary construction power of 100 amperes or less capacity shall be five dollars (\$5.00). For temporary wiring with a capacity in excess of 100 amperes, the fee shall be one-half the fee set forth in Section 92.0401F-2. There shall be no fee for temporary cord wiring.

The minimum fee for each electrical permit issued shall be five dollars (\$5.00).

G. Permits shall be obtained by each person, firm or corporation engaged in installing electrical wiring, devices, appliances or equipment as permitted by California State Contractors' Licensing Law.

H. Permits may be obtained by:

1. Any person, firm or corporation holding a valid California State Contractors' License which permits electrical installation.
2. The owner of a building.

SEC. 92.0613 USE OF NONMETALLIC CONDUIT

A. Direct earth burial types of nonmetallic conduits or ducts shall be installed in earth reasonably free of stones or other debris which may

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cause damage to said conduits or ducts, unless suitable means are provided to protect them against damage.

B. Nonmetallic underground conduit runs, when having a radius less than thirty-six (36) inches, shall turn through heavy wall steel elbows.

Section 2. That Chapter IX, Article 2, Divisions 6 and 7 of the San Diego Municipal Code be amended by adding Sections 92.0606, 92.0707, 92.0715, 92.0728, 92.0729 and 92.0730 to read as follows:

SEC. 92.0606 LABELING

When fuses are used for current limiting or motor running over-current purposes, the size and type of the required fuse shall be permanently marked on the inside of the fuse cabinet.

SEC. 92.0707 SERVICE CONDUCTORS AND CABLES

Articles 230-47 through 230-50, inclusive, of the National Electrical Code, SERVICE CONDUCTORS AND CABLES, are not applicable in the City of San Diego.

SEC. 92.0715 WIRING METHODS

A. Nonmetallic wiring methods may be used only in residential-type dwellings when such buildings do not exceed two (2) stories in height. Nonmetallic wiring methods are not permitted within Fire Zone No. 1.

B. Article 334 of the National Electrical Code is hereby amended to read as follows:

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Type AC cable is not permitted for use in general wiring except that it may be fished through inaccessible areas when necessary to install wiring without causing disturbance to the finish of any portion of a building or structure.

SEC. 92.0728 SERVICE EXCEEDING 600 VOLTS

Article 230, Section L, of the National Electrical Code, SERVICE EXCEEDING 600 VOLTS, is not applicable in the City of San Diego.

SEC. 92.0729 REQUIREMENTS FOR OVER 600 VOLTS

Article 430, Section J, of the National Electrical Code, REQUIREMENTS FOR OVER 600 VOLTS, is not applicable in the City of San Diego.

SEC. 92.0730 COMMUNITY ANTENNA TELEVISION AND RADIO DISTRIBUTION SYSTEMS

Article 820 of the National Electrical Code, COMMUNITY ANTENNA TELEVISION AND RADIO DISTRIBUTION SYSTEMS, is not applicable in the City of San Diego.

Section 3. This ordinance shall take effect and be in force on the thirtieth day from and after its passage.

APPROVED: JOHN W. WITT, City Attorney

By 
William S. Shaffran, Deputy

WSS:K:552
7-18-74
REV. 9-11-74

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MICROFILMED MAY 3 1978

Passed and adopted by the Council of The City of San Diego on SEP 5 1974,
 by the following vote:

Councilmen	Yeas	Nays	Excused	Absent
Gil Johnson	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Maureen F. O'Connor	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lee Hubbard	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leon L. Williams	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Floyd L. Morrow	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bob Martinet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Jim Ellis	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Jim Bates	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mayor Pete Wilson	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

AUTHENTICATED BY: PETE WILSON
 Mayor of The City of San Diego, California.

(Seal)

EDWARD NIELSEN
 City Clerk of The City of San Diego, California.
 By Patricia Polen, Deputy.

I HEREBY CERTIFY that the foregoing ordinance was not finally passed until twelve calendar days had elapsed between the day of its introduction and the day of its final passage, to wit, on AUG 22 1974, and on SEP 5 1974.

~~I FURTHER CERTIFY that said ordinance was read in full prior to its final passage.~~

I FURTHER CERTIFY that the reading of said ordinance in full was dispensed with by a vote of not less than a majority of the members elected to the Council, and that there was available for the consideration of each member of the Council and the public prior to the day of its passage a written or printed copy of said ordinance.

(Seal)

EDWARD NIELSEN
 City Clerk of The City of San Diego, California.
 By Patricia Polen, Deputy.

RECEIVED
 CITY CLERK'S OFFICE
 1974 JUL 31 AM 7:54
 SAN DIEGO, CALIF.

CC-1255-A (REV. 11-73)

01509

Office of the City Clerk, San Diego, California

Ordinance Number 11382 Adopted SEP 5 1974

MICROFILMED MAY 3 1978

RECEIVED
CITY CLERK'S OFFICE

1974 SEP 17 PM 12:35 *ey*

SAN DIEGO, CALIF.

ATTORNEY (S)

San Diego, City of
12th Floor, City Admin. Center
202 West C Street
San Diego, Ca. 92101

CERTIFICATE OF PUBLICATION

No. _____

IN THE MATTER OF

AN ORDINANCE AMENDING CHAPTER IX, ARTICLE 2 DIVISIONS
1, 4, 6 and 7

SEP 17 1974 *ey*

I, Patricia M. Applestill hereby certify that San Diego Daily Transcript is a daily newspaper of general circulation within the provisions of the Government Code of the State of California, printed and published in the City of San Diego, County of San Diego, State of California; that I am the principal clerk of said newspaper; that the

ORDINANCE NO. 11382

is a true and correct copy of which this certificate is annexed and was published in said newspaper on

September 13, 1974

I certify under penalty of perjury that the foregoing is true and correct, at San Diego, California, on
September 13, 1974

Patricia M. Applestill
(Signature)

32 1/4 " @ 4.42

*142.55 *ey*

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ORDINANCE NO. 128

AN ORDINANCE AMENDING CHAPTER IX, ARTICLE 2, DIVISIONS 1, 4, 6 AND 7 OF THE SAN DIEGO MUNICIPAL CODE BY AMENDING SECTIONS 92.0101, 92.0401 AND 92.0613; AND BY ADDING SECTIONS 92.0601, 92.0707, 92.0715, 92.0723, 92.0729 AND 92.0730, ALL RELATING TO ELECTRICAL REGULATIONS.

WHEREAS, Sections 17922 and 17958 of the California Health and Safety Code provide that the governing body of every city or county shall adopt ordinances or regulations imposing the same requirements as those contained in the National Electrical Code, 1971 Edition; and

WHEREAS, Sections 17958.5 and 17958.7 of the California Health and Safety Code provide that a city or county may make such changes or modifications in the requirements contained in the National Electrical Code as it determines are reasonably necessary because of local conditions; and

WHEREAS, the amendments to the National Electrical Code, 1971 Edition, contained in this ordinance have been recommended by the City of San Diego Board of Appeals and Advisors and endorsed by the National Electrical Contractors Association, the Construction Industry Coordinating Council, and the International Brotherhood of Electrical Workers Local 500 in order to provide for uniformity in San Diego County and to provide for local conditions and needs; and

WHEREAS, the Council of The City of San Diego expressly finds and declares that each amendment or change to the National Electrical Code, 1971 Edition, contained in this ordinance is needed to provide for local conditions; NOW, THEREFORE,

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

Section 1. That Chapter IX, Article 2, Divisions 1, 4 and 6 of the San Diego Municipal Code be amended by amending Sections 92.0101, 92.0401 and 92.0613 to read as follows:

SEC. 92.0101 STANDARDS FOR INSTALLATIONS AND MATERIALS, NATIONAL ELECTRICAL CODE ADOPTED

A. The National Electrical Code, 1971 Edition, published by the National Fire Protection Association, three printed copies of which are filed in the office of the City Clerk as Document No. 73977, be and the same is hereby adopted as part of the Municipal Code of The City of San Diego, except as hereinafter modified, amended, repealed, or deleted; and by reference thereto is made a part hereof as though fully set out herein.

B. The requirements of the National Electrical Code shall apply to all privately owned electrical installations except those installed and owned by a public service corporation for use in the generation, transmission, distribution or metering of electrical energy, or the operation of signals, or the transmission of intelligence. All electrical installations that are under the jurisdiction of the California Division of Industrial Safety shall also comply with the requirements of Title 8, Chapter 4, Subchapter 5, Parts One and Two (Electrical Safety Orders). These orders may apply to occupancies other than places of employment.

SEC. 92.0401 FEE SCHEDULE

A. The fees prescribed in this article must be paid to The City of San Diego for each electrical installation for which a permit is required by this section, and must be paid before any such permit is issued, except as hereinafter provided.

B. Whenever it shall be necessary to make an extra inspection trip because the work for which inspection was previously requested was incomplete and not ready for inspection, a fee of ten dollars (\$10.00) shall be paid for making a reinspection of the work.

C. The fee for an inspection of materials of installation not included in the following fee schedule shall be ten dollars (\$10.00) per hour. The minimum fee for each permit issued under this subsection shall be ten dollars (\$10.00).

D. The fees prescribed in this section, except for five dollars (\$5.00), 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 ninety (90) days 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 Building Inspection Department.

E. 1. Not more than four (4) receptacle outlets shall be connected to a receptacle circuit installed for operating small portable appliances in a kitchen, laundry, pantry and dining area.

2. Not more than fifteen (15) utilization current, continuous outlets shall be connected to a lighting or general purpose branch circuit.

F. The following fees shall be paid:

1. For new residential construction, including apartment houses, but not including hotels, motels and mixed occupancies:

a. \$0.25 per ampere of service (fuse or breaker) rating for 115-230 volt single phase services.

b. \$0.45 per ampere of service (fuse or breaker) rating for 120-208 volt three phase four wire services.

These fees shall include all electrical and equipment inspection fees.

Circuit Size	115/230V	Voltage	Over 240 V
0 - 30A	\$ 1.50	\$ 3.00	\$ 6.00
35 - 35A	2.00	4.00	8.00
40 - 45A	3.00	6.00	12.00
50 - 55A	4.00	8.00	16.00
100 - 100A	5.00	10.00	20.00
200 - 200A	6.00	12.00	24.00
400 - 400A	7.00	14.00	28.00
600 - 600A	8.00	16.00	32.00
800 - 800A	9.00	18.00	36.00
1100 & Larger	10.00	20.00	40.00

The fee established herein shall be paid for each over-current device, including service main, subfeed and branch circuits. These fees do not apply to series over-current devices on one branch circuit (as for motors). Where the over-current device exceeds the rated conductor capacity as is permitted for motor starting, the rated conductor capacity may be used to determine the fee.

The fee established herein shall include the equipment installed on each branch circuit.

The fee for temporary meters installed as allowed in Section 92.0904(h) shall be five dollars (\$5.00). The fee for temporary construction power of 100 amperes or less capacity shall be five dollars (\$5.00). For temporary wiring with a capacity in excess of 100 amperes, the fee shall be one-half the fee set forth in Section 92.0401E-2. There shall be no fee for temporary cord wiring.

The minimum fee for each electrical permit issued shall be five dollars (\$5.00).

G. Permits shall be obtained by each person, firm or corporation engaged in installing electrical wiring, devices, appliances or equipment as permitted by California State Contractors' Licensing Law.

H. Permits may be obtained by:
 1. Any person, firm or corporation holding a valid California State Contractors' License which permits electrical installation.

2. The owner of a building.

SEC. 92.0613 USE OF NONMETALLIC CONDUIT

A. Direct earth burial types of nonmetallic conduits or cables shall be installed in earth reasonably free of stones or other debris which may cause damage to said conduits or ducts, unless suitable means are provided to protect them against damage.

B. Nonmetallic underground conduit runs, when having a radius less than thirty-six (36) inches, shall turn through heavy wall steel elbows.

Section 2. That Chapter IX, Article 2, Divisions 6 and 7 of the San Diego Municipal Code be amended by adding Sections 92.0606, 92.0707, 92.0715, 92.0727 and 92.0728 to read as follows:

SEC. 92.0606 LABELING

When fuses are used for current limiting or motor running over-current purposes, the size and type of the required fuse shall be permanently marked on the inside of the fuse cabinet.

SEC. 92.0707 SERVICE CONDUCTORS AND CABLES

Articles 230-47 through 230-50, inclusive, of the National Electrical Code, SERVICE CONDUCTORS AND CABLES, are not applicable in the City of San Diego.

SEC. 92.0715 WIRING METHODS

A. Nonmetallic wiring methods may be used only in residential-type dwellings when such buildings do not exceed two (2) stories in height. Nonmetallic wiring methods are not permitted within Fire Zone No. 1.

B. Article 334 of the National Electrical Code is hereby amended to read as follows:
 Type AC cable is not permitted for use in general wiring except that it may be fished through inaccessible areas when necessary to install wiring without causing disturbance to the finish of any portion of a building or structure.

SEC. 92.0728 SERVICE EXCEEDING 600 VOLTS

Article 230, Section L, of the National Electrical Code, SERVICE EXCEEDING 600 VOLTS, is not applicable in the City of San Diego.

SEC. 92.0729 REQUIREMENTS FOR OVER 600 VOLTS

Article 430, Section J, of the National Electrical Code, REQUIREMENTS FOR OVER 600 VOLTS, is not applicable in the City of San Diego.

SEC. 92.0730 COMMUNITY ANTENNA TELEVISION AND RADIO DISTRIBUTION SYSTEMS

Article 630 of the National Electrical Code, COMMUNITY ANTENNA TELEVISION AND RADIO DISTRIBUTION SYSTEMS, is not applicable in the City of San Diego.

Section 3. This ordinance shall take effect and be in force on the thirtieth day from and after its passage.

Introduced on August 22, 1974.
 Passed and adopted by the Council of The City of San Diego on September 5, 1974.

AUTHENTICATED BY:
 PETE WILSON,
 Mayor of The City of San Diego, California.
 EDWARD NIELSEN,
 City Clerk of The City of San Diego, California.
 PATRICIA POLSEN, Deputy