

ORDINANCE No. 437

AN ORDINANCE OF THE CITY OF REDLANDS
AMENDING SECTIONS 113, 118 ^{and 125} and 119 of Ordinance No. 430.

The Board of Trustees of the City of Redlands do ordain as follows:

Section 1. Section 113 of Ordinance No. 430 is hereby amended by adding to said section the following, to wit:-

Sec. 113. Every firm, corporation, journeyman or master plumber shall in addition to the requirements of said act give a bond in favor of said City in the penal sum of \$500.- with two good and sufficient sureties, or a reliable surety Company for the faithful performance of his or its duties as plumber, and for the faithful performance of such work in full compliance with any ordinance of said city relating thereto now in force or that may hereafter be adopted and which bond shall enure to the benefit of said city, and also to all persons owning property where any such sewer work shall or may be done, and which said bond shall be approved by the Board of Trustees of said City, or the City Clerk.

Provided that such bond shall not be required from any journeyman or master plumber doing plumbing work as an employee for any person, firm or corporation giving such bond. The piping of houses and structures for use of gas for either lighting or power purposes shall be plumbing work within the meaning of this ordinance; *provided that such work may be done by persons other than those holding a plumber license.*

Section 2.- Section 118 of said ordinance is amended to read as follows: The plumbing inspector shall be entitled to charge or receive the following fees, to wit: *Sec. 118.* For each plumbing or gas permit issued by him, 25 cents; for each sewer permit for street connection, 25 cents. A fee of 50 cents for inspection for the 1st plumbing fixture and 25 cents for each additional fixture; for each inspection of sewer or cesspool, \$1.00; for each outlet at which gas is controlled or used, not exceeding 4, *five* cents each; for each over 4, 10 cents each. Should it become necessary to remove any defective work or unsound material and a second inspection required, and additional fee of one dollar (\$1.00) shall be paid. A fee of one dollar (\$1.00) shall be paid for each additional inspection and no final certificate of inspection need be issued until such fees have been paid. When it appears to the satisfaction of the plumbing inspector that the requirements of this ordinance have been complied with, a final certificate of inspection shall be issued.

Section 3.- Section 119 of said ordinance is hereby amended to read as follows: *Sec. 119.* Payment of fees to Inspector. The plumbing inspector shall make a quarterly statement to the Board of Trustees of said city of all moneys collected and from whom, giving an itemized statement of all fees collected by him upon each job of work inspected. Said quarterly statement shall be rendered in January, April, July and October of each year.

Section 4.- Section 125 is hereby amended to read as follows:

Section 125. When upon application, inspection is made of the wiring or equipment in or about any building in this city, the person, firm, or corporation installing such equipment shall, before certificate is issued, pay to the City Electrician of said City for the issuance of a permit

to do the work and for such inspection the following fees, viz:

For Permit -----	\$.50
Provided that where the work to be done shall be the placing of not exceeding three incandescent lights or the necessary wiring therefor -----	.25
For each outlet at which current is controlled or used for four lights or under -----	.05
For each outlet at which current is controlled or used for over four lights -----	.10
For each arc lamp -----	.50

When wiring is for motors:

For motors 1 H.P. or less -----	.50
For motors of more than 1 and not more than 8 H.P.-----	1.50
For motors of more than 8 H. P. -----	2.00
For more than two inspections of any equipment or part thereof an additional fee for each additional inspection per hour----	.75
For switches and fixtures in buildings the wiring of which has already been inspected, the fees shall be, for each switch-----	.05
For each fixture having four lights, or under -----	.05
For each fixture having more than four lights -----	.10

For inspection of electrical apparatus, for which no fee is herewith prescribed, the City Electrician may charge a fee not exceeding \$1.00 per hour for the time actually consumed in making the inspection; all such fees shall belong to said City Electrician, and be in full compensation for his services as such.---

Sect. 5.- This ordinance shall take effect and be in force from and after its passage.---

A. P. Kingsbury
President Board of Trustees
City of Redland.

Attest: *L. W. Clark*
City Clerk.

By *E. J. Donham*
Deputy Clerk

ATTEST:

CITY CLERK

I do hereby certify that the foregoing ordinance was duly adopted by said board at a meeting thereof held on the 2nd day of Sept, 1908, by the following

Ayes: Wm. Carroll, Chairman, Comdgast

Noes: None

Dated Sept 2nd 1908

L W Clark

CITY CLERK

By E D Donham
Deputy Clerk

Relating to Plumbing
amending Sect. 113, 118 & 119
of ordinance No. 430

Introduced by

on the day of 190

Passed on the day of 190

Records—Vol. Page.

X
An Ordinance regulating the installation, management, alteration, repair, use and operation of electric wiring, connections, fixtures and other electrical appliances in all buildings and other structures in the city of Redlands.

Permits for Wiring.

Section 1.

That it shall be unlawful for any person, firm or corporation to place or install in any building any wiring, apparatus, or fixtures for such use without first obtaining from the City Electrician a written permit to do such work. Such permit shall state the kind of work to be done, and shall cover only the kind of work so designated. Said permit shall also state the location, by street and number of the building where such work is to be done, and the fee for such permit must accompany said application before such application shall be issued.

Section 2.

That any person, firm or corporation who shall do or begin or attempt to do any electrical construction work governed by the terms of this Ordinance without first giving notice in writing to the City Electrician and obtaining a permit for such work as hereinbefore provided, shall be deemed guilty of a misdemeanor, and shall, upon conviction thereof, be punishable by a fine of five (5) dollars for the first offense, ten (10) dollars for the second offense, and twenty-five (25) dollars for the third or any subsequent such offense, or by imprisonment in the City Jail for a period not exceeding thirty (30) days, or by both such fine and imprisonment.

Section 3.

When any electric wiring, apparatus, or fixtures covered by permit shall be found, on the inspection by the City Electrician, to conform to the rules and regulations provided by this Ordinance, the City Electrician shall issue a final certificate of inspection certifying that such wiring, apparatus, or fixtures have been inspected and are found to comply with the terms of this Ordinance; but no such certificate shall be granted until such equipment is made to conform to said rules and regulations prescribed herein.

Section 4. It shall be unlawful for any person, firm, or corporation to use any electric current in or through any wiring, apparatus, or fixtures in any building until the same shall have been inspected and approved by the City Electrician, and the certificate hereinbefore provided for have been issued therefor.

Section 5.

It shall be unlawful for any person, firm, or corporation furnishing electric current for light, heat, or power, to connect his, their, or its distributing system with any installation of wiring, apparatus, or fixtures in any building without having received a written permit from the City Electrician to furnish current to such wiring, apparatus, or fixtures; such permission shall be given at any time by the City Electrician after the certificate provided for in this section has been issued for the wiring, apparatus, or fixtures so to be connected.

Section 6.

The City Electrician may also before such certificate is issued give the temporary permission to furnish or use electricity through any

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wiring, apparatus or fixtures for a period not exceeding thirty (30) days, if in his opinion current may safely be used therein, and there exists an urgent necessity for such use.

Rules for Wiring.

Section 7.

That the rules and regulations of the National Board of Fire Underwriters embodied in their "National Electrical Code", as amended and published in 1905, and the supplement thereto published in April 1906, which are hereby referred to and made a part thereof and are hereinafter referred to as "Code" are hereby adopted as the rules and regulations governing the installation of electric wiring, apparatus, or fixtures in buildings, except in the particulars herein expressly provided for, and that all electric wiring, apparatus, or fixtures governed by this Ordinance shall be made to conform to said "Code", and the rules and regulations herein adopted before the same are accepted by the City Electrician. And it shall be unlawful for any person, firm, or corporation to do or cause to be done any electric work that does not conform to these Rules and Regulations.

Section 8.

No group of incandescent lamps requiring more than six hundred and sixty (660) watts shall be dependent on one (1) cut-out, but written permission may be given in special cases for more than this number.

Section 9.

No service mains shall be less than No. 12 B. & S. gauge. Wires used as bus bars shall not be smaller than No. 10 B. & S. gauge.

Section 10.

Every service main and switch must have a carrying capacity of at least twenty-five (25) amperes.

Section 11.

Terminals on ~~rear~~ ^{Back.} of switch and tablet boards must have lock nuts over wires or must be soldered to terminals of such board. Tablet boards should have openings on back, unless board was installed before plastering was done and was passed by inspector.

Section 12.

In wiring old houses necessary provision for hanging fixtures must be made, and connecting of fixture wires and outlet wires must be done below the ceiling.

Section 13.

For low potential arc lamps, carrying capacity of wires shall be sufficient to allow fifty per cent in excess of normal current required by said lamp (Code rule 29a). Normal rating of enclosed arc lamps shall be on the basis of six amperes. For motors twenty-five per cent excess of normal current shall be required.

Section 14.

Supports for wires must be at least every five feet along flat surfaces of concealed work, every six feet, eight inches, when on trees. Trees shall not be less than four inches high.

Section 15.

When wire can not be kept the required distance from surface wired over, wires must be encased in flexible conduit.

Section 16.

In plaster partitions or floor plates and braces, extra bushings must be used to prevent accumulation of plaster on wires.

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Tie wires must be used as much as possible and put on in such a way as not to break the insulation.

Section 18.

At least two coats of rubber and two coats of friction tape must be used at all joints, and joints thoroughly soldered.

Section 19.

For mixed conduit and "knob and tube work" pipe or conduit must conform to Code Rule 25d and e, also 49j, and wires must conform to Code Rule 47a, except that where conduits do not exceed ten feet in length single braid wire may be used. When wires are run from knob and tube work to conduits, conduits must be provided with an approved outlet box and each end wires must be encased in flexible conduit from last porcelain knob into outlet box and wires of more than one system shall not be allowed in same conduit. *(flexible cord, especially designed for carrying arcs, are on the market and should be used.)* This sentence with

Section 20.

Flexible or lamp cord shall not be permitted on walls or ceilings or where standard methods of wiring can be employed. Cord drops must not hang nearer than five feet from the floor. Where cords are hung near gas fixtures or where cord can be hung on same, insulating joints must be put on fixtures at ceiling.

Section 21.

Capping must be screwed on moulding, the use of nails to hold wires in moulding shall not be permitted. And moulding must have at least two coats of P.&B. paint on inside parts coming in contact with wires.

And moulding must not be used in damp places.
Powers of City Electrician.

Section 22.

That if the City Electrician or any of his authorized inspectors shall find any part of any electrical equipment in or about any building in the city of Redlands, dangerous to life or property, the City Electrician on inspection shall have the right and power to disconnect such electrical equipment from its source of supply and it shall be the duty of the City Electrician to notify the owner, tenant, or occupant of the building, or of such electrical equipment in writing. To have the electrical equipment so disconnected, repaired within a reasonable time, and not to use electric current in such dangerous equipment until same is repaired.

Section 23.

Any person, firm, corporation failing or refusing to comply with any notice given under the provisions of this Section shall be guilty of a violation of this Ordinance and punishable accordingly, and each days failure to comply with any such notice shall be a separate violation of this Ordinance.

Section 24.

Fees.

That the City Electrician shall charge and collect from any person, firm, or corporation to whom any permit for doing any electrical work

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is issued under the terms of this Ordinance, the following fees to wit:

For permit	50 cents.
For inspection of work for each fixture or outlet exceeding five in number,	55 cents
For each arc lamp and switch,	25 cents.
For wiring or installation of motors:	
1 horse power,	50 cents.
1 to 3 horse power,	\$1.00
3 to 8 horse "	1.50
8 to 15 " "	2.00
over 15 " "	2.50

When more than one inspection is necessary, an additional fee of \$1.00 per hour for each subsequent inspection, such fee to be added to inspection fee and to be paid before certificate of inspection shall be issued.

and for any inspection not mentioned in this ordinance, \$1.00
 Rules for Contractors.

Section 25.

When an electrical installation is ready for inspection an application for inspection, thereof shall be made to the City Inspector, on blank furnished by Inspector, and must be filed in his office. Such inspection shall be made within forty-eight (48) hours (Sundays and Holidays not included) after filing such application. Such application must be filled out in full giving Permit No., name of owner and electrical contractor and location by street, Number, of work to be inspected.

A diagram of wiring must be drawn on the blank side of said application, and said diagram must have the number of lights, distances, location of all switches and tablets or switch boards, and as nearly as possible the manner in which all wires and installed,

Section 26.

That it shall be unlawful to seal wiring until inspected. That all plumbing and other piping shall be in place before the electric wiring is inspected. Upon making an inspection of any electrical equipment, the Inspector shall leave a notice at the service switch or other suitable place stating that the electrical work has been inspected, and it shall be unlawful to lath, seal, or in any manner conceal any electrical wiring or other work until same has been inspected.

Section 27.

No canopy of less than $\frac{3}{4}$ of an inch in depth or $1\frac{1}{2}$ inches in width shall be used unless an outlet box is used and all gas outlet pipe above insulation joint must be protected with approved insulating tubing.

Section 28.

After having received from the City Electrician notice of correction to be made on any installation, the person, firm, or corporation receiving such notice shall make such correction as may be necessary at once, and such correction shall be reported to the City Electrician. New or additional work shall not be attached to any existing installation, without written consent of the City Electrician.

Section 29.

Any person, firm, or corporation failing to comply with the provision of this Section shall be guilty of a violation, and punishable by a fine of not less than five (5) dollars for the first offense and ten

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(10) dollars for each subsequent offense.

Section 30.

The City Electrician or his assistants shall have in their possession and carry in a conspicuous place a badge worded "City Electrician". and it shall be unlawful for any person to hinder or interfere with the City Electrician or his assistants in the discharge of his duties.

Section 31.

That all Ordinances and parts of Ordinances in conflict be and are hereby repealed.

Section 32.

This Ordinance is urgently required for the immediate preservation of the public peace, health and safety; and the City Clerk shall certify to its passage by majority vote of the Council. It shall take effect from date of its adoption.

Section 33.

That this Ordinance shall be published at least once in a daily paper and a copy sent to each Electrical Contractor, each Company furnishing electricity for light or power, and each Building Contractor in the city of Redlands.