

ORDINANCE NO. 1048

AN ORDINANCE RELATING TO ELECTRICAL CODES; ADOPTING BY REFERENCE THE NATIONAL ELECTRICAL CODE, 1987 EDITION, AS PUBLISHED BY THE NATIONAL FIRE PROTECTION ASSOCIATION, BATTERYMARCH PARK, QUINCY, MASSACHUSETTS 02269; ALL ADOPTED EXCEPT AS AMENDED, ALTERED, AND AS REPEALED HEREIN; REPEALING ORDINANCES IN CONFLICT THEREWITH; AND PRESCRIBING PENALTIES FOR VIOLATION THEREOF

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF GOLDEN, COLORADO:

Section 1. Chapter 15.12 of the Golden Revised Ordinances of 1965 is hereby repealed and re-enacted as follows:

(1) Section 15.12.010 of the Golden Revised Ordinances of 1965 is hereby enacted as follows:

15.12.010 National Electrical Code, 1987 Edition, adopted by reference. The 1987 National Electrical Code, Standard of the National Fire Protection Association, Batterymarch Park, Quincy, Massachusetts 02269, Copyright 1986, is adopted by reference in total except as follows in this chapter, hereinafter referred to as the "NEC".

(2) Section 15.12.011 of the Golden Revised Ordinances of 1965 is hereby adopted as published.

(3) Section 15.12.012 of the Golden Revised Ordinances of 1965 is hereby adopted as published.

(4) Section 15.12.013 of the Golden Revised Ordinances of 1965 is hereby adopted as published.

(5) Section 15.12.014 of the Golden Revised Ordinances of 1965 is hereby adopted as published.

(6) Section 15.12.015 of the Golden Revised Ordinances of 1965 is hereby adopted as published.

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(7) Section 15.12.016 of the Golden Revised Ordinances of 1965 is hereby adopted as published.

(8) Section 15.12.020 of the Golden Revised Ordinances of 1965 is hereby adopted as published.

(9) Section 15.12.030 of the Golden Revised Ordinances of 1965 is hereby repealed and re-enacted as follows:

"15.12.030 NEC Section 110-8 added to. Add to Section 110-8 of the NEC, paragraphs to read as follows: All electrical wiring methods used within or on all buildings, structures, areas, premises or uses, including alterations and additions in or on existing building, structures, areas, premises, or uses shall be in conformance with the NEC by "Group Occupancy" determined by reference to Section 501 of the Uniform Building Code.

Any wiring method specifically required by the National Electric Code for a particular use which may be in conflict with the sections added below shall take precedence over the requirements so added: (A) Group R-3 and M Occupancies. Group R-3 and M Occupancies are defined as dwellings, lodging houses, duplexes, residential garages and carports, sheds, accessory buildings, and premises with a residential use only. Wiring methods for these uses shall conform to the pertinent section of the NEC governing residential wiring, as well as the following additional requirements: (1) All exposed ungrounded conductors on non-shielded cable below a 7 foot height above floor, slab or base shall be enclosed in conduit. Where conduit ends do not terminate in a box and connector, the conduit end shall extend a minimum of 6 inches into any concealed area, shall be mounted to permanent structure with a mounting no weaker than the conduit, and the conduit opening made non-abrasive to conductor or cable. Exception: Where voltage is less than 50 volts and current is less than 5 amps. Exception: In crawl

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spaces or attics.

(2) Residential garages shall not have receptacles, lights or switches lower than 36 inches above foot, slab or base. (B) Group R-1 Occupancies. Group R-1 occupancies are defined as multi-family residences and apartment buildings, for the purposes of this section. These shall include the mixed occupancies of residential and the commercial/industrial uses within the same building and/or premises. Wiring methods for these uses shall conform to the pertinent sections of the NEC governing commercial wiring, as well as the additional requirements of sub-section (B-1), (C-1), and (C-2) listed below: (1) all areas, rooms, or uses in a building outside that which is defined as a dwelling unit or apartment dwelling unit shall be designated as of a commercial/industrial nature and shall conform to the NEC governing commercial or industrial wiring; included in those parts of buildings of mixed occupancy which shall be classified as commercial or industrial shall be multi-vehicle garages and carports, stairways, hallways, storage rooms, utility rooms, laundry rooms, mechanical rooms, accessory buildings, crawl spaces, shafts and attics. (2) Dwelling units of either multi-family residences, apartments or mixed occupancies shall each be considered as a separate residence and shall conform to the pertinent sections of the NEC governing residential wiring, as well as the additional requirements of sub-section (A-1) listed above. However, the definition and requirements of "service" as given in NEC Article 230, including raceway, conductors, buses, equipment, over current protection and grounding shall be extended up to and including the electrical service panel within each dwelling unit or apartment electrical service panel shall have a ground to cold water pipe paralleling the main service ground. (C) A, B, E, H, and I Occupancies. Group A, B, E, H, and I (non-residential) occupancies are defined as assembly, education, daycare, hospitals, sanitariums, jails,

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prisons, reformatories, nurseries, nursing homes, and agriculture buildings, structures, premises, areas or uses. For the purposes of this section, mobile home parks, together with accessory buildings, structures, premises, areas and uses associated with same, shall be classified as commercial.

Both commercial and industrial groups as listed here are differentiated from those listed within sub-section (D) below as uses which essentially concern themselves with an environment of non-combustible and non-explosive materials. These uses shall conform to pertinent sections of the NEC governing commercial or industrial wiring, as well as the following additional requirements. (1) All conductors and

non-shielded cable shall be enclosed within flexible or solid conduit, approved raceway, busways, cablebus systems, shielded cable and/or approved multi-outlet assemblies. Exception: Bare ungrounded conductors may be used only where the NEC definitely specifies the use of same.

(2) All conduit and raceway systems without a neutral or with a neutral of a potential other than that of ground shall contain a ground conductor. (D) Group H Occupancies. Group H occupancies are defined as buildings, structure, premises, areas or uses essentially of a hazardous or near hazardous nature, in the vicinity of hazardous use, or are of high occupant load nature. Group occupancies previously defined may be reclassified into this category by the Building Official as safety warrants would so indicate. These uses shall conform to the pertinent sections of the NEC governing commercial and industrial wiring with special emphasis to those requirements of Chapter 5 of the NEC."

(10) Section 15.12.045 of the Golden Revised Ordinances of 1965 is hereby adopted as published.

(11) Section 15.12.060 of the Golden Revised Ordinances of 1965 is hereby repealed.

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(12) Section 15.12.070 of the Golden Revised Ordinances of 1965 is hereby repealed.

(13) Section 15.12.080 of the Golden Revised Ordinances of 1965 is hereby repealed.

(14) Section 15.12.090 of the Golden Revised Ordinances of 1965 is hereby adopted as published.

(15) Section 15.12.100 of the Golden Revised Ordinances of 1965 is hereby repealed.

(16) Section 15.12.140 of the Golden Revised Ordinances of 1965 is hereby repealed.

(17) Section 15.12.160 of the Golden Revised Ordinances of 1965 is hereby adopted as published.

(18) Section 15.12.170 of the Golden Revised Ordinances of 1965 is hereby adopted as published.

(19) Section 15.12.180 of the Golden Revised Ordinances of 1965 is hereby adopted as published.

Section 2. Penalty. The penalty for violations of any of the Code provisions adopted by reference herein, shall be as prescribed in Chapter 15.24 of the Golden Revised Ordinances of 1965.

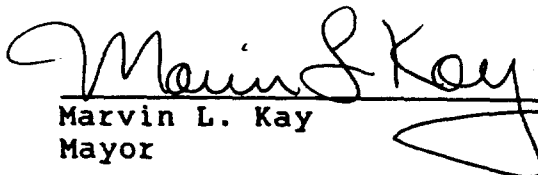
Section 3. Copy of the National Electrical Code, as adopted herein by reference is available for inspection in the Golden City Clerk's Office, 911 Tenth Street, Golden, Colorado 80401.

Section 4. Any ordinance or portions of ordinances in conflict herewith are hereby repealed.


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Introduced, read and ordered published this 8th day  
of September, 1988.

Adopted, approved and ordered published this 22nd day  
of September, 1988.


  
Marvin L. Kay  
Mayor



  
Sharon L. Bennetts  
City Clerk

Approved as to form:

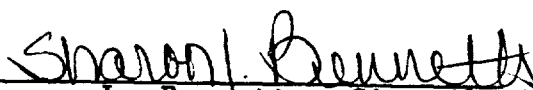
BRADLEY, CAMPBELL AND CARNEY

by   
Victor F. Boog

I, Sharon L. Bennetts, City Clerk of the City of Golden, Colorado, do hereby certify that the foregoing ordinance was introduced on first reading and read at a regular meeting of the City Council of said city, held on the 8th day of September, 1988 and was published as a proposed ordinance in the Golden Transcript, legal newspaper, as the law directs seven days or more prior to its passage. A public hearing was held and on the 22nd day of September, 1988, the said proposed ordinance was read on second reading and passed by the City Council and ordered published in the aforesaid newspaper as the law directs.



I hereby place my hand and official seal of the City of Golden,  
Colorado, this 22nd day of September, 1988.

Attest:   
Sharon L. Bennetts, City Clerk  
of the City of Golden, Colorado