

National Electrical Code Ordinance

ORDINANCE # 1475

AN ORDINANCE OF THE CITY OF GOODLAND, KANSAS, ADOPTING THE 2002 EDITION OF THE NATIONAL ELECTRICAL CODE AS COMPILED BY THE NATIONAL FIRE PROTECTION ASSOCIATION, AND REGULATING THE DESIGN, INSTALLATION, ALTERATION, RELOCATION OR REPAIR OF ELECTRICAL SYSTEMS, EQUIPMENT AND USE IN THE CITY OF GOODLAND; PROVIDING FOR THE ISSUANCE OF PERMITS AND COLLECTION OF FEES THEREFORE; PROVIDING FOR PENALTIES FOR THE VIOLATION THEREOF, REPEALING ARTICLE 3, CHAPTER 4 OF THE CODE OF THE CITY OF GOODLAND ADOPTED BY ORDINANCE NO. 1430 OF THE CITY OF GOODLAND AND ALL OTHER ORDINANCES AND PARTS OF THE ORDINANCES IN CONFLICT THEREWITH.

BE IT ORDAINED BY THE GOVERNING BODY OF THE CITY OF GOODLAND, KANSAS;

Section 1. ADOPTION OF ELECTRICAL CODE BY REFERENCE. The standard code known as the National Electrical Code, 2002 Edition, a publication of the National Fire Protection Association, the same being a standard code for the installation of electrical wiring and apparatus and available in book and pamphlet form is hereby incorporated by reference herein and made a part of this article as authorized and in the manner prescribed by K.S.A. 12-3009:3012. Three copies shall be marked or stamped "Official Copy as Incorporated by the Code of the City of Goodland," and shall be filed with the city clerk to be open to inspection and available to the public at all reasonable hours of business.

Section 2. DEFINITIONS. For the purpose of this article, the words and phrases used herein shall have the meanings ascribed to them in this section, unless the context clearly indicates to the contrary.

- Approved** shall mean approved by the building official, the electrical inspector or his or her designee.
- Authorized person** shall mean any individual, firm or corporation who or which is licensed under the provisions of this article to do the work as permitted under the specified provisions of this article.
- City** shall mean the territory within the corporate limits of the City of Goodland, Kansas.
- Conductor** shall mean a wire or cable or other form of metal suitable for carrying the electric current or potential.
- Electrical construction or installation** shall mean and include all work and materials used in installing, maintaining or extending a system of electrical wiring and all appurtenances, apparatus or equipment used in connection therewith, inside or attached to any building, structure, lot or premises, except industrial plants where fulltime maintenance is provided and other agencies providing inspections of installations and facilities. Electrical construction shall not be held to mean or include any of the following:
 - The replacement of lamps, fuses, bulbs or the connection of portable electrical equipment to suitable permanently installed receptacles and replacement of receptacles and switches, lighting fixtures and apparatus where no changes or alterations are made to the wiring;
 - Any work involved in the manufacturing, repair or testing of any electrical equipment or apparatus, but not including any permanent wiring; or
 - Any work in industrial establishments where inspections come under the scope of other inspection agencies.
- Equipment** shall mean conductors, materials, fittings, devices, appliances, fixtures, apparatus, motors and the like, used as a part of or in connection with an electrical installation.
- Inspector** shall mean the building official or any individual who has been appointed by the city as electrical inspector.
- Multi-family** shall mean a residential structure housing more than four families
- Person** shall mean a natural person, his or her heirs, executors, administrators or assigns, and also includes a firm, partnership or corporation, its or their successors, assigns, or the agent of any of the aforesaid.
- Special permission** shall mean the written consent of the chief building official or the electrical inspector.
- Special ruling** shall mean a written ruling filed in the office of the chief building official or the electrical inspector.

Section 3. ADDITIONAL PROVISIONS. The following sections of this article are in addition to the provisions of the standard electric code incorporated by reference in Section 1.

Section 4. AMENDMENTS. The following chapters, sections, paragraphs, part of sections or tables from the National Electrical Code adopted by Section 1 are hereby amended to read as follows.

- Article 210-52(G), "Basements and Garages" is hereby amended to read as follows: 210-52(G) "Basements and Garages". In all dwelling unit basements, whether finished or unfinished, a minimum of six receptacles shall be provided in the concrete walls. Each attached and detached garage and or accessory building provided with electric power shall have at least one outlet receptacle.
- Article 312.3(A) "Meter Enclosure Location", is hereby amended to read as follows: 312.3(A), "Meter Enclosure Location". The City power and light division shall have the

right to designate the placing and location of all metering equipment and the same shall be located not less than five feet nor more than six feet from the floor or exterior grade of the building. All meters shall be on the exterior of the structure and shall at all times be accessible to the meter reader and or utility personnel for routine maintenance and/or outages of the City.

- Article 240-50, "General", shall be amended to read as follows: 240-50 "General". Fuses shall not be installed in circuits of less than 30 amperes in all new residential building with new wiring and/or extensions of new wiring in such buildings. A fuse stat may be installed down wire from a breaker to protect a specific item of equipment.
- Article 300.3, "Conductors", shall be amended by adding the following: 300.3 "Conductors". All wiring in and on new and old buildings for commercial, industrial and multifamily uses shall be installed in approved EMT or ENT.

Exception No. 1. Modulers wired with Type NM cable may be used as commercial offices only when all of the following criteria are met.

- The modular is not wired with aluminum wiring;
 - The modular is not attached to any other building, carport, breezeway, awning or other appurtenance;
 - The modular has a separate electric service which would include an exterior disconnect; and,
 - The structure is not required to be fire-rated according to the building code for the City of Goodland, Kansas.
- Article 300-6(B), "In Concrete or in Direct Contact with the Earth", shall be amended to read as follows: 300-6(B) "In Concrete or in Direct Contact with the Earth". All conduit imbedded in earth, cinders, and on or below the first floor level of concrete, such as slabs, shall be threaded rigid metallic conduit or schedule 40 plastic conduit sealed in accordance with the manufactures specifications. Exception: EMT may be used in basement walls providing the same has been approved by the manufacture for such application.
 - Table 310.5, "Minimum Size of Conductors", shall be amended by adding the following exception: Table 310.5 "Minimum Size of Conductors". Exception No. 11: A number 14 (AWG) conductor shall not be used as a main, branch circuit or switch leg. The minimum wire size except as otherwise specified for low voltage wiring shall be number 12 (AWG).
 - Article 230.70(A)(1), "Readily Accessible Location", shall be amended to read as follows: 230.70(A)(1), "Readily Accessible Location". The service disconnecting means shall be installed at a readily accessible location on the outside of a building with a minimum of one and one-fourth inch EMT conduit on residential buildings and one and one-fourth inch rigid conduit on commercial buildings. Small outbuildings requiring separate service installations shall have a minimum of 60 ampere disconnect switch outside of the building with a minimum of one inch EMT conduit.
 - Article 230.28, "Service Masts or Supports", shall be amended to read as follows: 230.28, "Service Masts or Supports". All service entrances using a roof mast kit shall have a minimum of two-inch rigid conduit for support of the City electrical service drop. Other exposed conduit shall be no less than Schedule 80 Rigid Nonmetallic conduit or Rigid Metal Conduit.
 - Article 408.13 "General", shall be amended by adding the following: 408.13 "General". Minimum space and additional breakers in panels shall be as follows:
 - The panel box in residential dwellings, which have been wired for refrigerated air-conditioning, must have 10% additional breaker spaces remaining in panel box.
 - The panel box in residential dwellings, which have not been wired for refrigerated air-conditioning, must have 25% additional breaker spaces remaining in panel boxes.
 - Article 250.64(A) "Aluminum or Copper-Clad Aluminum Conductors", shall be amended to read as follows: 250.64(A) "Aluminum or Copper-Clad Aluminum Conductors". All copper equipment ground wire shall be enclosed in conduit from the disconnect box down to a depth of two inches below grade for protection and for an attractive installation. Aluminum wire for equipment ground is prohibited. Installations requiring equipment ground through concrete shall have a minimum of a two-inch sleeve through the concrete and the ground rod clamp shall be driven into the sleeve so that an unauthorized person cannot easily remove it.

Section 5. No person, firm or corporation shall design, contract, erect, alter, relocate, replace, add, construct, plan, layout, supervise, install or repair any wiring apparatus and or equipment for electric light, heat power or other purposes as outlined within this article without first complying with all the requirements as herein stated.

Section 6. BUILDING OFFICIAL; AUTHORITY. The code hereby incorporated by reference shall be enforced by the Building Official or electrical

inspector designated by the City Manager. The Building Official or his or her authorized designee shall be responsible for the administration and enforcement of this Article. The Building Official shall have the power to render interpretations of this code such interpretations; rules and regulations shall be in conformance with the intent and purpose of this code.

Section 7. ELECTRICAL INSPECTOR; APPOINTMENT. The Building Official may assume the responsibilities of or appoint some qualified officer or employee of the city to be and perform the duties of electrical inspector as may be required, subject to the consent and approval of the City Manager.

Section 8. SAME; DUTIES. The building official and/or electrical inspector shall have the following duties:

- To enforce all regulations relating to electrical construction, alteration, repair or removal;
- May permit, with the approval of the Electrical Board, on the basis of duly authenticated reports from recognized sources, the use of new materials or modes of electrical construction, not provided for in this article, and may, for the purpose of carrying out the intent of this article adopt an accepted standard of material or workmanlike practices of federal or state bureaus, national, technical organizations or fire underwriters;
- To examine all buildings requiring electrical construction in the process of erection, construction, alteration or relocation in the city for the purpose of determining whether the work is in compliance with the permit given and in compliance with the regulations of the city pertaining to such work, including zoning regulations; and
- To keep comprehensive records of applications, of permits or certificates issued, of inspections made, of reports rendered, and of notices or orders issued. All such records shall be open to public inspection during stated office hours, but shall not be removed from the office of the building official or electrical inspector without his or her written consent.

Section 9. SAME; POWERS. The building official and/or electrical inspector shall have the following powers:

- To enter any building or structure or premises at any reasonable hour, whether complete or in the process of erection, to perform the duties contained in this chapter;
- To adopt and enforce all such prudent emergency measures, as he or she may deem necessary and expedient for the public safety under the laws of the city;
- May cause any work done in violation of this chapter to be discontinued until he or she shall have satisfactory evidence that the work will be done in accordance with the electrical regulations of the city, subject to the right of any installer or owner to appeal to the governing body.

Section 10. ELECTRICAL BOARD. There is hereby established an electrical board for the City of Goodland. The board shall consist of five members, who shall be appointed by the governing body and serve a three-year term. All members shall continue in office until their successors have been qualified and appointed. The governing body for the remainder of each unexpired term shall fill any vacancies occurring during any term. In addition to any other responsibilities as outlined herein, it shall be the duty of the board to act as a board of appeals in making a correct determination of any appeal arising from actions of the City under the National Electrical Code.

- The Electrical Board shall be the final determiner of the scope and meaning of all provisions of the electrical code, which may be unclear, ambiguous, or requiring interpretation.
- The board shall keep accurate records of all of its official transactions and shall annually select a chairperson from its membership, who shall preside at all its meetings. The board may adopt such rules and regulations as it deems fit for the proper efficient discharge of its official duties.
- The board shall from time to time make recommendations to the Governing Body with respect to any amendments or alterations in the Electrical Code. The board shall be governed by the provisions of the National Electric Code incorporated by reference by the City.
- The board shall annually approve all license applications for the electrical trade prior to the City Clerk issuing a license to the applicant.

Section 11. CLARIFICATION; MODIFICATION. The electrical inspector shall have power to modify any of the provisions of the electrical code upon application in writing by the owner or lessee or his or her authorized agent, when there are practical difficulties in the way of carrying out the strict letter of the code. In approving modifications, the electrical inspector shall see that the spirit of the code is observed, public safety secured and substantial justice done. The particulars of a modification when granted or allowed and the decision of the inspector thereon shall be entered upon the records of the electrical inspector and a signed copy shall be furnished to the applicant.

Section 12. ELECTRICAL PERMIT REQUIRED; APPLICATION; APPROVAL.

- Except as provided in subsection (b), it shall be unlawful for any person to engage in any electrical construction as defined in Section 2 within the city without an electrical permit being first obtained therefore from the building official or his or her duly authorized assis-

tant. The application for such permit shall be made and the permit obtained before any electrical construction work is commenced.

- No electrical permit shall be required for any of the following:
 - The replacement of lamps, fuses, bulbs or the connection of portable electrical equipment to suitable permanently installed receptacles and replacement of receptacles and switches, lighting fixtures and apparatus where no changes or alterations are made to the wiring;
 - Any work involved in the manufacturing, repair or testing of any electrical equipment or apparatus, but not including any permanent wiring; or
 - Any work in industrial establishments where the issuance of electrical permits come under the scope of other agencies.

Section 13. SAME; APPLICATION INFORMATION REQUIRED.

- An electrical permit shall be issued upon an application in writing to the office of Building Official on a form or forms provided for the purpose. This application shall, among other things, disclose the following:
 - The name of the owner of the lot or tract of ground;
 - The location of the building or structure;
 - The electrical construction work proposed;
 - The class of occupancy;
 - The class of electrical construction;
 - The kind of materials to be used;
 - The estimated cost of the work;
 - The date work will commence;
 - Expected date of completion;
 - Name and address of electrical contractor or contractors doing the work;
 - Such other information as may be pertinent to the issuance of the required permit.
- An application for an electrical permit shall be signed by the owner or his or her duly authorized agent, or an electrical contractor licensed by the city. If the application is made by the owner or his or her agent, it shall contain the name or names of the licensed electrical contractor or contractors doing the work described, or an electrical permit may be issued to the owner upon his or her application disclosing satisfactory evidence that the proposed work will be performed by the owner, himself or herself and not by a licensed electrical contractor, and likewise subject to the final approval of the electrical inspector for work performed.
- Upon approval of the completed application and a determination that a permit should be issued, the building official or his or her assistant shall issue a permit to the owner or electrical contractor authorizing the electrical construction work covered by the application.
- Any permit issued under this section shall be valid and subsisting for a period of not more than one hundred eighty (180) days from the date of issuance unless the permittee shall have commenced, within the period so limited, the electrical construction work authorized by such permit, or if the work authorized by such permit is suspended or abandoned at any time after the work is commenced for a period of one hundred eighty (180) days. Electrical construction work commenced, for the purpose of this section, shall mean the beginning of electrical construction work other than the preparation of plans or the letting of an electrical contract.

Section 14. SAME; PLANS AND SPECIFICATIONS. Whenever an application for a electrical permit is made, the building official or the electrical inspector may, if he or she finds it necessary to determine whether electrical construction work described in the application will comply with the laws pertaining to such work, require that the applicant file a written description or drawing of the proposed electrical construction as may be prepared for the purpose. If such drawing or description is insufficient for the purposes of determining whether a permit should be issued, the building official may require the applicant to file complete electrical and engineering plans and specifications for such electrical construction, or any part thereof, as may be necessary for the inspector to determine compliance with this article. The filing of such plans and specifications and the approval thereof in connection with an application for a permit shall not in any way affect the authority of the city to deny or issue a permit, or to inspect any electrical construction work for conformity with this article.

Section 15. SAME; FEES. No permit or certificate of Inspection shall be issued as provided in this article until the person or corporation applying therefore shall have paid the City of Goodland, fees for such permit and inspection at the following rate:

\$ 1 -	\$ 200 -	\$ 5.00
\$ 201 -	\$ 400 -	\$ 7.50
\$ 401 -	\$ 500 -	\$ 10.00
\$ 501 -	\$ 600 -	\$ 11.00
\$ 601 -	\$ 700 -	\$ 12.00
\$ 701 -	\$ 800 -	\$ 13.00
\$ 801 -	\$ 900 -	\$ 14.00
\$ 901 -	\$ 1,000 -	\$ 15.00
\$ 1,001 -	\$ 1,100 -	\$ 15.30
\$ 1,101 -	\$ 1,200 -	\$ 15.60

National Electrical Code Ordinance

CODE, from Page 7

\$ 1,201 - \$ 1,300 - \$ 15.90
\$ 1,301 - \$ 1,400 - \$ 16.20
\$ 1,401 - \$ 1,500 - \$ 16.50
\$ 1,501 - \$ 1,600 - \$ 16.80
\$ 1,601 - \$ 1,700 - \$ 17.10
\$ 1,701 - \$ 1,800 - \$ 17.40
\$ 1,801 - \$ 1,900 - \$ 17.70
\$ 1,901 - \$ 2,000 - \$ 18.00
\$ 2,001 - \$ 3,000 - \$ 21.00
\$ 3,001 - \$ 4,000 - \$ 24.00
\$ 4,001 - \$ 5,000 - \$ 27.00
\$ 5,001 - \$ 6,000 - \$ 29.50
\$ 6,001 - \$ 7,000 - \$ 32.00
\$ 7,001 - \$ 8,000 - \$ 34.50
\$ 8,001 - \$ 9,000 - \$ 37.00
\$ 9,001 - \$ 10,000 - \$ 39.50
\$ 10,001 - \$ 15,000 - \$ 52.00
\$ 15,001 - \$ 20,000 - \$ 64.50
\$ 20,001 - \$ 25,000 - \$ 74.50
\$ 25,001 - \$ 30,000 - \$ 84.50
\$ 30,001 - \$ 35,000 - \$ 94.50
\$ 35,001 - \$ 40,000 - \$ 104.50

Over \$ 40,000.00 - \$ 104.50 plus \$2.00 per thousand or any part thereof in excess of \$40,000.00.

Any governmental entity, which has the authority to levy a tax, is exempt from this section.

(a) The above fees include a maximum of three inspections per project. Any project that requires additional inspections will be subject to an additional inspection fee at the rate of \$ 15.00 per inspection. The fee herein shall be paid to the city clerk upon obtaining an electrical permit and the same shall be credited to the general operating fund of the city.

Section 16. SAME; POSTING. A copy of the electrical permit shall be kept on the premises for public inspection during the performance of the work and until the completion of the same. The electrical inspector may require a certified copy of the approved plans to be kept on the premises at all times from the commencement of the work to the completion thereof.

Section 17. REQUEST FOR INSPECTION. Upon the completion of any electrical work covered by this article, it shall be the duty of the person doing such work to notify the electrical inspector and request that it be inspected; after which such work shall be inspected promptly as herein after provided.

Section 18. INSPECTION; CONCEALMENT OF PRIOR WORK.

- (a) When any electric equipment is to be hidden from view by the permanent placement of parts of the building, the person, firm or corporation installing the equipment shall notify the building inspector and such equipment shall not be concealed until it has been inspected, approved or authorized by the electrical inspector or until 24 hours, exclusive of Saturdays, Sundays and holidays, shall have elapsed from the time of such notification. On large installations, where the concealment of equipment proceeds continuously, the person, firm or corporation installing the electrical equipment shall give the electrical inspector due notice and inspections shall be made periodically during the progress of the work.
- (b) The electrical inspector shall have the authority to require building contractors to open such work which, in any manner, conceals electrical wiring that has been closed without his or her knowledge or permission, and in no case shall the inspector issue a certificate of approval until satisfied that the work is in accordance with the provisions of this article. The inspector shall also have the right to refuse to issue a certificate of approval on any wiring, that is concealed in such manner that it cannot be fully determined that it has been done in accordance with this article.

Section 19. CERTIFICATE OF APPROVAL.

- (a) When the electrical inspector finds an electrical construction or installation to be in conformity with the provisions of this article, he or she shall issue to the person, firm, or corporation performing the electrical construction work or making the installation, a certificate of approval, with duplicate copy for delivery to the owner, authorizing the use of the installation and connection to the supply of electricity.
- (b) When a certificate of approval is issued authorizing the connection and use of a temporary installation, the certificate shall expire at a time to be stated therein and shall be revocable for cause by the electrical inspector.
- (c) In no case shall certificates of approval be issued on electrical construction, installations or parts of installations where the work installed does not conform to the requirements of this article.
- (d) If, upon inspection, the installation is not found to be fully in conformity with the provisions of this article, the electrical inspector shall immediately notify the person, firm, or corporation performing the electrical construction work or making the installation of the existing defects.
- (e) No certificate of approval shall be issued unless the electric conductor or equipment has been installed in strict conformity with the provisions of this article and unless the electrical construction or installation is made in compliance with nationally approved methods of construction for safety to life and property as herein set forth.
- (f) The electrical inspector shall be deemed the judge of whether the installation of electric conductors and equipment has been made

in accordance with the requirements of this article.

- (g) Issuance of a certificate of approval shall not be construed as an approval of a violation of the provisions of this code or of other ordinances of this jurisdiction. Certificates presuming to give authority to violate or cancel the provision of this code or other ordinances of this jurisdiction shall not be valid.
- (h) No certificate of approval shall be required for any of the following:
- (1) The replacement of lamps, fuses, bulbs or the connection of portable electrical equipment to suitable permanently installed receptacles and replacement of receptacles and switches, lighting fixtures and apparatus where no changes or alterations are made to the wiring;
 - (2) Any work involved in the manufacturing, repair or testing of any electrical equipment or apparatus, but not including any permanent wiring; or
 - (3) Any work in industrial establishments where inspections come under the scope of other inspection agencies.

Section 20. CONNECTION TO INSTALLATIONS. It shall be unlawful for any person, firm, or corporation to make connection to a supply of electricity to any building or electrical equipment for which an inspection is required, or which has been disconnected by the order of the electrical inspector, until a certificate of approval has been issued by the electrical inspector authorizing the connection and use of such electric supply. The electrical inspector may, at his or her discretion, authorize a temporary connection.

Section 21. REINSPECTION. The electrical inspector shall periodically reinspect existing installations of electrical conductors and equipment. When the installation of any conductors or equipment is found to be in a dangerous or unsafe condition, the person, firm, or corporation owning, using, or operating the installation shall be notified in writing and shall make the necessary repairs or changes required to place the conductors or equipment in safe condition and have the work completed within the period specified by the electrical inspector.

Section 22. CONDEMNATION; APPEAL.

- (a) If in the judgment of the electrical inspector, after an inspection, any electrical conductors, appliances or equipment in any building are unsafe or dangerous to persons or property, the inspector shall have the power to cause the wires or appliances to be disconnected from the source of electrical energy supplying these conductors or equipment, and may, at his or her discretion, seal the control switches for the same in an open or disconnected position, whereupon he or she shall give notice to the owner, or his or her agent, or by posting such notice at the site and shall also notify the utilities serving the premises. Thereafter, it shall be unlawful for any person to cause or permit electric current to be supplied to the electrical conductors, appliances or equipment so sealed until they shall have been made safe and the inspector shall have issued a certificate of approval to that effect.
- (b) It shall be the duty of the electrical inspector to cause all dead wires, unused poles or electric apparatus on the outside of the buildings or in streets or alleys to be removed at the expense of the owners thereof by giving the owners written notice.
- (c) When the electrical inspector condemns all or part of any electrical installation, the owner may, within 10 days after receiving written notice thereof, file a petition in writing for review of the action of the electrical inspector by the electrical board, upon the receipt of which the electrical board shall at once proceed to determine the facts, and within 10 days from receiving the petition make a decision in accordance with their findings.

Section 23. INTERFERENCE BY UNAUTHORIZED PERSON. It shall be unlawful for any unauthorized person to, in any manner, change or alter electrical conductors or equipment in or on any building. If in the course of the erection of a building or structure, electrical conductors or equipment are in such position as to interfere with the erection or completion of the structure, notice shall be immediately given the authorized person or firm installing the electrical conductors or equipment, and the needed change shall be made by such authorized person or firm.

Section 24. ELECTRICIAN OR ELECTRICAL CONTRACTORS DEFINED.

- (a) An electrical contractor for purposes of this article shall be any person, firm, co-partnership, corporation, association, or any combination thereof, who have met all requirements as stated in Section 25 herein, whether a resident or not of the city:
- (1) Who or which undertakes with or for another, for a fixed sum, price, fee or any other compensation to install, construct, alter, repair, add to, or move any electrical installation or performs any electrical construction work in the city, for which an electrical construction permit may now or hereafter be required by the laws of the city; or
 - (2) Who or which advertises or represents himself, herself, or itself to the public to have the capacity or ability to undertake, or submit a bid or offer to install, construct, alter, repair, add to, remove, restore or replace any electrical installation or perform any electrical construction work; or
 - (3) Who or which installs, constructs, alters, adds to or removes any electrical installation or performs any electrical construction

work either on his or her own or other property for purposes of sale or speculation.

(a) An electrical contractor as defined shall not mean or include:

(1) Any owner or his or her authorized agents or employees making ordinary repairs to his, her or its own building or structure not involving electrical construction and for which a permit is not required or on which an electrician or electrical contractor, as defined, is not required, employed or engaged to perform; or

(2) Any property owner personally performing any improvements, alterations or electrical construction within or upon his or her own residence and intended for his or her own personal use and permanent occupancy; provided, the owner shall satisfy the electrical inspector as to his or her ability to perform such work, secure a permit, pay required fees, do work in accordance with this article, and apply for an inspection and receive approval. Personal electrical construction by an owner under this section shall be by himself, herself, for himself or herself on his or her own residence, without compensation and no person shall be employed to assist him or her in any way on such work except an electrician or electrical contractor licensed by the city.

(b) Master Electrician means any person having the necessary qualifications, as stated in Section 25 herein, and the knowledge and skill to install, repair, alter, add to or change any electrical wires, fixtures, appliances, apparatus, raceways, conduit, or any part thereof which generates, transmits, transfers or utilizes electrical energy in any form for light, heat power, or communications, employed by an electrical contractor.

(c) Journeyman Electrician means any person having the necessary qualifications as stated in Section 25 herein, and is qualified to perform work in the electrical trade while employed or supervised by an electrical contractor.

(d) Electrical Apprentice means a person who is registered as such under Section 25 herein, and is working at the trade in the employment of a licensed electrical contractor, and is under the direct supervision of a licensed electrical contractor and who is in compliance with the provisions of this code.

Section 25. ELECTRICIAN'S OR ELECTRICAL CONTRACTOR'S LICENSE REQUIRED; ELECTRICAL PERMITS; UNLAWFUL ACTS. Any person intending to engage in the trade or business of electrical wiring for any reason, in the City of Goodland, Kansas, either as an electrical contractor, electrical master, electrical journeyman or electrical apprentice shall first receive and possess a license as herein provided. Such license shall not be issued until the applicant thereof shall have applied to the Electrical Board for such license, taken and successfully passed the examination as specified in Section 28 of this Article as to his or her competency to do such work, or presents a Kansas Certificate of Competency as established by K.S.A. 12-1525 et. seq.

(a) Each electrical contractor, master electrician, journeyman electrician and electrical apprentice shall before entering upon any electrical construction work subject to regulation by city laws, apply to the city clerk for an electrical license as such and receive the same as hereinafter provided and have in his or her possession a valid license authorizing him, her or it to engage in the trade as such in the city.

(b) No permit for any electrical construction work shall be issued for any such work to be performed by an electrical contractor, as defined, which has not first obtained a license upon making a proper application and payment of the license fee as required.

(c) It shall be unlawful for any person, firm, company, association or corporation to enter into a contract or agreement with another so as to bring himself, herself, or itself under the definition of an electrical contractor, master electrician, journeyman electrician or electrical apprentice herein, or to perform any work as such or any work under a contract for any work involving electrical construction, without first having obtained an electrical license issued by the city.

Section 26. SAME; APPLICATION; GRANTING.

- (a) Application for an electrical contractor, electrical master, electrical journeyman or electrical apprentice license shall be made upon a form to be supplied by the city which shall disclose the name of the applicant, his or her place of business in the city (and home office if a nonresident), the kind of contracting work engaged in, the length of time engaged in such work and places where work has been performed within the past two years. The electrical contractor, electrical master, electrical journeyman or electrical apprentice shall sign the applications. The applications shall be, by the building official, referred to the electrical board at its next meeting for action thereon. Such license shall be issued by the city clerk, upon payment of the fees hereinafter provided after approval of the electrical board.

Section 27. ELECTRICAL CONTRACTOR'S BOND REQUIRED; CONDITIONS; APPROVAL; RIGHTS RESERVED. Classifications and costs

of liability and bond certificates are as follows:

- (1) Electrical Contractor
 - (a) Shall possess a Kansas Certificate of Competency as a master electrician as specified in K.S.A. 12-1525 et. seq. and pay the license fee as set out in this article. He/she shall secure and file with the city clerk a good and sufficient corporate surety bond in the principal sum of \$5,000.00 conditioned that the principal named therein shall faithfully and fully observe all laws of the city relating to the business or occupation for which a license is desired and further conditioned to hold and save the city harmless and free of claims for loss or damage to persons or property, or from damage, injury or destruction of property belonging to the city, resulting from, or arising out of, the negligence or failure of the principal or any of his, her or its employees, agents, servants to use due care or diligence respecting any opening or excavation made in, or adjacent to any street, alley or public ground in the city, or any materials stored, placed or used in any such places, or the operation or use of any vehicle, machinery or equipment in the streets, alleys or public grounds in connection with the business or occupation licensed. Each such bond shall be issued by a company authorized to do business in the State of Kansas and further conditioned that in the event of cancellation or expiration that the company or agent will give 10 days notice of such fact to the city clerk. Each bond shall be dated to run from the first day of any license issued by the city to the principal and may cover the period of not to exceed two years. An extension certificate shall renew no bond but the principal shall file a new bond for each successive period following the renewal thereof. The city reserves the right to furnish the form of all surety bonds as may be required by this article.
 - (b) In addition to obtaining a corporate surety bond as required herein, an electrical contractor must procure and maintain a liability insurance policy in the amount of \$1,000,000 per occurrence. Some insurance company authorized to do business in the State of Kansas shall issue such policies of insurance. An electrical contractor may qualify as to the insurance requirements by filing a certificate with the city clerk executed by the resident agent of such company stating that the required policy of insurance has been issued by such company for the purpose required by this article and that such insurer will not cancel the policy except upon giving 30 days notice in writing to the city; and that the certificate shall be filed for an annual period beginning January 1 and ending December 31 of such year.
- (2) Electrical Master shall pass the prescribed examination for determination of competency or possess a Kansas Certificate of Competency as specified in K.S.A. 12-1525 et. seq. and pay the license fee as set out in this Article. Prior to examination, applicants shall show proof of three (3) years experience as an electrical journeyman employed by an Electrical Contractor.
- (3) Electrical Journeyman shall pass the prescribed examination for determination of competency or possess a Kansas Certificate of Competency as specified in K.S.A. 12-1525 et. seq. and pay the license fee as set out in this Article. Prior to examination, applicants shall show proof of three (3) years experience as an apprentice with an Electrical Contractor or 2,000 hours of education from a vocational or similar school in the electrical trade.
- (4) Electrical Apprentice shall not be required to take an examination or pay a license fee.

Section 28. EXAMINATIONS. Standard examinations for the determination of competency of the electrical contractors, electrical master, electrical journeyman shall be prepared, published, and available from Expor, 2100 NW 53rd Avenue, Gainesville, FL 32653-2149, or any other examination recognized by the State of Kansas as specified in K.S.A. 12-1525 et. seq., are hereby designated the standard examinations for determining the qualifications of persons seeking licensure as an electrical contractor, electrical master, electrical journeyman. The minimum passing score shall be seventy-five percent (75%) for each of the examinations listed herein.

Section 29. RE-EXAMINATIONS. Any person who fails to pass the examination as set out in Section 28 may apply for reexamination after the expiration

Hays pilots will rotate with one here

PILOT, from Page 1

operate the service. Borra said all three pilots live in Hays, but will take turns staying in Goodland to fly.

He said they have a house near the airport where the pilots will stay while on-duty. Each week, Borra said, one pilot will be in Goodland, one will be on call in Hays and one will be off.

It's necessary to have a backup, he said, because a pilot is only allowed to work for 14 hours at a time. On Monday, he said, he had worked for 12 days and would go off on Wednesday.

Jeff Krall, Goodland ambulance service director, said he is excited about having the plane here. It will cut response and transport time in half, he said, because the aircraft won't have to fly here from Hays, Garden City or Denver when someone needs to be evacuated.

He said the plane can be in the air within 10 minutes of a call because Goodland's airport is so close to town and the hospital. For most transports, Krall said, there will be one pilot, two crew members and a crew member in training.

Hospital officials gathered at an airport hanger Monday morning to welcome Borra and the plane. After landing, he answered questions and talked with hospital officials. Jay Jolly, hospital administrator, and a reporter took a ride in the air ambulance, soaring about 1,000 feet above Goodland—the lowest the plane is allowed to fly.

Before working for EagleMed, Borra said, he flew freight for United Parcel Service and before that he was



EagleMed pilot John Borra gave Jay Jolly, hospital administrator, and a reporter a ride in Goodland's air ambulance on Monday. Here is a view of Goodland from about 1,000 feet up.

Photo by Rachel Miscall/The Goodland Daily News

a cartoonist for Hallmark in Kansas City.

He said he enjoyed working for Hallmark because he was able to use his creative side. This job satisfies a

different part of his psyche, he said, but he thinks flying is creative, too.

"Finishing a good flight is like finished a good piece of artwork," he said. "It's rewarding."

Most patients, he said, will be flown to hospitals in Wichita or Denver, and most people from Goodland will go to Denver.

Borra said he tries to get patients to

the hospital as quickly as possible, and air traffic controllers are always helpful.

"They don't have to give us preference," he said, "but they do."

President says system is unfair

COLLEGE, from Page 1

were supposed to pay 15 percent and the state the remaining 85 percent. That didn't work, he said, because the state never paid the full 85 percent and the college wasn't allowed to charge students more.

The Regents approved a \$4.65 hourly tuition rate for Goodland's technical college last year, Clouse said, but the institution only got a little over \$3 per hour because the state couldn't pay its full share. If the college wants to maintain its programs and continue to grow, he said, the money has to come from somewhere.

"The law allows this institution to generate a little more revenue," he said. "Where does that revenue come from? It comes from the student because the state doesn't have any money."

Clouse said the formula the state uses to determine how much money each technical college will receive is unfair because it doesn't account for growth. Basically, he said, the college would receive the same amount of money for serving fewer students, so there is no incentive to expand.

"It's a quagmire," he said, "because without budget increases you can't grow. That's put us in a box."

Of course, he said, that's not how they operate.

"Some would say, 'Why don't you do that?'" he said. "Well, that's not what we're about. Growth is good for the community, the state, businesses and industry."

Another reason the state system is unfair, he said, is because other Kansas technical colleges are receiving more money from the state and charging students more for the same services provided here. Basically, the Goodland campus is being punished for efficiency.

But, Clouse added, he realizes it's hard to find a solution that makes everyone happy and he's glad lawmakers are trying.

"I wouldn't want their jobs," he said. "It's a very difficult task they have."

Internet tonight!
899-2338

Canadians shocked by 'friendly fire' deaths

BOMBING, from Page 1

were under attack, officials at the Pentagon said.

One sought permission to bomb and was given the go-ahead only to mark the target, a senior Pentagon official said. On a second fly-around, again thinking he was under fire, he dropped the bomb in what he thought was a self-defense move, the officials said.

Canadian Defense Minister Art Eggleton, who called the deaths shock-

ing, said today that one of the injured had life-threatening wounds and the other seven were in stable condition.

U.S. and Canadian officials said the accident occurred at 1:55 a.m. local time today (3:25 p.m. MDT Wednesday) about 10 miles south of Kandahar, a former Taliban stronghold. The two countries plan a joint investigation.

"As to the circumstances of what appears to have been a terrible accident, clearly there are many questions that the families, and all Canadians,

expect to have answered," Canadian Prime Minister Jean Chretien said in a statement.

After daylight in Kandahar, clusters of Canadian soldiers gathered at a bulletin board to read a posted statement about the deaths and injuries. Around the base, troops talked quietly in small groups.

Chretien said President Bush had called to offer his condolences.

Canada's defense chief, Lt. Gen. Ray Henault, told reporters in Ottawa

the area was recognized as a training area and the aircraft were using very strictly controlled routes.

"How this can happen is a mystery to us. Without a doubt, there was a misidentification," Henault said.

At the coalition base in Kandahar, U.S. Army Col. Frank Wiercinski called the Canadians an integral part of the coalition's operations in Afghanistan.

"They are our comrades-in-arms," Wiercinski said standing in front of a

Canadian flag at half staff. "In the last several months, we have lived together, we have fought together and now we will mourn together."

Canadian Army Lt. Col. Pat Stogran, the battalion commander, pledged to friends and families that the wounded would receive the "best possible support," and that the battle group would remain steadfast.

"These young men were among the finest, bravest paratroops I have ever soldiered with," Stogran said.

National Electrical Code Ordinance

CODE, from Page 8

tion of thirty (30) days from the date of said failure. Should such individual fail to pass the examination for a subsequent or a second time, the electrical board may refuse a third or subsequent application until after the expiration of six (6) months.

Section 30. SAME; LICENSE FEES; CONDITIONS; RENEWAL; UNLAWFUL ACTS.

The applicant, upon completion of the prescribed examination for the type of license desired or any applicant who presents a Kansas Certificate of Competency as defined by K.S.A. 12-1525 et seq., and who meets all other requirements as set forth in this article will be issued a license at the following rates per year.

Electrical Contractor: \$35.00 plus \$5.00 for each master electrician employed

Full-time by such contractor.	
Electrical Master	\$35.00
Electrical Journeyman	\$15.00
Electrical Apprentice	\$ 0.00

Contractors not meeting all requirements of this ordinance shall be refunded the license fee and deemed nonlicensed. Any contractor who allows his/ her license to lapse for more than one calendar year from the date of expiration is hereby required to possess a Kansas Certificate of Competency as specified in this article prior to his/her relicensing.

- (a) Any license issued on or after September 1 of each year shall be issued upon payment of one-half the annual license fee.
- (b) Each such license shall set forth the kind of electrical construction work in which the licensee may engage. The licensee shall display his or her license at any place where he or she may be engaged in contract work or produce the same on demand of any city officer. All licenses shall be renewable annually as in the case of an original license on or before the first day of March of the year for which issued.
- (c) It shall be unlawful for any person, firm or corporation to contract for any kind of work covered by this article without having a valid license issued by the city to perform such contracts.
- (d) All licenses shall expire March 1st of each calendar year.

Section 31. LICENSE SUSPENSION; REVOCATION; APPEAL; UNLAWFUL ACTS.

(a) The license of any electrical contractor, electrical master, electrical journeyman or electrical apprentice may be suspended temporarily, for a period of not to exceed 30 days at any one time, by the building official upon his or her own motion or upon a complaint of the city electrical inspector. Notice shall be given in writing to such electrical contractor, electrical master, electrical journeyman or electrical apprentice giving reasonable notice of a time of hearing of the complaint or the matter alleged against such electrical contractor, electrical master, electrical journeyman or electrical apprentice involving any one or more of the following:

- (1) Misrepresentation of a material fact by applicant in obtaining a license;
 - (2) Use of license to obtain an electrical permit for another;
 - (3) Failure or neglect to observe conditions of permit authorizing encumbering of streets or sidewalks for safety of public;
 - (4) Performance of any electrical construction work without a permit where one is required by law; or
 - (5) Willful disregard of any violation of the electrical construction laws, or failure to comply with any lawful order of the city electrical inspector.
- (b) Any licensee may within 15 days appeal in writing to the electrical board from any order of the building official suspending his or her license for its final decision thereon. The electrical board may upon such hearing terminate such suspension within not more than 30 days thereafter, or may revoke such license. If any license shall be revoked, the electrical contractor, electrical master, electrical journeyman or electrical apprentice shall not be eligible for a new license during a period of six months thereafter. No fee shall be refunded in event of the suspension or revocation of any electrical contractor, electrical master, electrical journeyman or electrical apprentice license.
- (c) It shall be unlawful to engage in the occupation or trade of an electrical contractor, electrical master, electrical journeyman or electrical apprentice during the time any license of such authorized person has been suspended or revoked.

Section 32. WORK BY PROPERTY OWNERS.

Nothing herein contained shall prohibit any property owner from personally performing any electrical construction or installing electrical wiring or

equipment within and upon his or her own residence and intended for his or her personal use and permanent occupancy; provided, the owner shall satisfy the electrical inspector as to his or her ability to perform such work or install such electrical wiring, secure a permit, pay required fees, do work in accordance with this article, and apply for an inspection and receive a certificate of approval. Personal electrical construction or installation performed by an owner under this section shall be by himself, herself, for himself or herself on his or her own residence, without compensation and no person shall be employed to assist him or her in any way on such work except an electrical contractor licensed by the city.

Section 33. APPROVED MATERIALS. No electric materials for wiring of appliances or equipment shall be installed in the city unless they are in conformity with the provisions of this article and with the approved standards of construction for safety to life and property. Conformity of materials for wiring appliances and equipment to the standards of the Underwriters Laboratories, Inc. shall be prima facie evidence that the materials, devices, appliances and equipment comply with the requirements of this article.

Section 34. LIABILITY. This article shall not be construed to relieve from or lessen the responsibility or liability of any party owning, operating, controlling or installing any electrical equipment for damages to persons or property caused by any defect therein, nor shall the city be held as assuming any such liability, by reason of the inspection or reinspection authorized herein, or the certificate of approval of any work or equipment authorized herein or by reason of any permit or license granted herein.

Section 35. SEVERABILITY. If any section of the National Electrical Code or of this article shall be held unconstitutional or otherwise invalid by any court of competent jurisdiction, then such section shall be considered separate and apart from the remaining provisions of the National Electrical Code or of this article, the section is to be completely severable from the remaining provisions which shall continue in full force and effect.

Section 36. PENALTY. Any person, firm or corporation violating any provision of this Article shall be deemed guilty of a misdemeanor, and upon the conviction thereof, shall be fined a sum of not less than \$50.00 nor more than \$1,000.00 and shall be subject to a sentence in the Sherman County Bastille of not less than five (5) nor more than thirty

(30) days or both fine and jail sentence. Each separate day or any portion thereof, during which any violation of this Article occurs or continues, shall be deemed to constitute a separate offense.

The imposition of one penalty for any violation shall not excuse the violation or permit it to continue. All persons found in violation shall be required to correct or remedy such violations or defects within a reasonable time.

The application of the above penalty shall not be held to prevent the enforced removal of prohibited conditions.

Section 37. That the City Clerk is hereby ordered and directed to cause this ordinance to be in full effect after being published in the official City newspaper and adoption by the Governing Body of the City of Goodland.

Section 38. That Article 3, Chapter 4 of the Code of the City of Goodland, Kansas adopted by Ordinance No. 1430 entitled Electrical Code for the City of Goodland and all other ordinances or parts of ordinances in conflict herewith are hereby repealed.

Section 39. That this ordinance and the rules, regulations, provision, requirements, orders and matters established and adopted hereby shall take effect and be in full force and effect the same day and after the date of passage, adoption and publication as required by law.

PASSED AND ADOPTED this 15th day of April, 2002, by the Governing Body for the City of Goodland, Kansas.

Tom Rohr, Chairman of the City Commission of the City of Goodland, Kansas

ATTEST:

Mary P. Volk, City Clerk

Published in The Goodland Daily News on Thursday, April 18, 2002.