

## AMENDMENTS TO THE NATIONAL ELECTRICAL CODE

The National Electrical Code, 1999 Edition, adopted by the National Fire Protection Association and the 2000 ICC Electrical Code Administrative Provisions, adopted by the International Code Council is amended as set out hereinafter. All references to section numbers in the text of this division shall be construed as if followed by the words “of the Electrical Code”, unless clearly indicated to the contrary.

1. The following sections and provisions of Articles 80 and 85 are amended as follows:

### **Article 80 - General**

#### **80-1 Application**

The provisions of this article shall apply to all activity involving the installation, servicing, repair, replacement, additions, modification, and/or maintenance of electrical systems, conductors, equipment, fittings, devices, motors, appliances, fixtures, signs and all other electrical equipment within or on public or private buildings and premises, except as otherwise provided in this article. The provisions of this article shall not apply to installations used by electricity supply, electric railway or communications agencies in the generation, transmission or distribution of electrical power or for the operation of street railways, signals or the transmission of intelligence data when located within or on public thoroughfares; provided, however, that such agencies are operating under a franchise agreement with the Town.

#### **80-2 Application to existing electrical systems and equipment.**

(a) *Additions, alterations or repairs.* Additions, alterations or repairs may be made to any electrical system and equipment without requiring the existing electrical system and equipment to comply with all the requirements of this Code, provided that addition, alteration or repair conforms to that required for a new electrical system and equipment and provided further that no hazard to life, health or safety will be created by such additions, alterations or repairs. Minor additions, alterations and repairs to existing electrical system and equipment may be made in accordance with the law in

effect at the time the original installation was made, when approved by the building official.

(b) **Existing installations.** Electrical systems and equipment lawfully in existence at the time of the adoption of this Code may have their use, maintenance or repair continued if the use, maintenance or repair is in accordance with the original design and no hazard to life, health or property has been created by such electrical system and equipment.

(c) **Change in building occupancy.** Electrical systems and equipment which are a part of any building or structure undergoing a change in use or occupancy, as defined in the Building Code, shall comply with the requirements of this Code which are applicable to the new use or occupancy.

(d) **Maintenance.** All electrical systems and equipment, both existing and new, and all parts thereof shall be maintained in a proper operating condition in accordance with the original design and in a safe and hazard-free condition. All devices or safeguards which are required by this Code shall be maintained in conformance with this Code. The owner or his designated agent shall be responsible for the maintenance of the electrical system. To determine compliance with this subsection, the building official may cause any electrical system to be reinspected.

(e) **Moved building.** Electrical systems and equipment which are a part of buildings or structures moved into or within the Town of Talty shall comply with the provisions of this Code for new installations.

### **80-3 Definitions.**

**General.** For the purpose of these provisions, certain terms, phrases, words and their derivatives shall be construed as specified in this section. Where terms are not defined, they shall have their ordinarily accepted meanings within the context with which they are used. Webster's Third New International Dictionary of the English Language, Unabridged, 1986, shall be considered as providing ordinarily accepted meanings. Words used in the singular include the plural and the plural the singular. Words used in the masculine gender include feminine and the feminine the masculine.

**Approved,** as to materials, equipment and method of construction, refers to approval by the building official as the result of investigation and tests conducted by him, or by reason of accepted principles or tests by recognized authorities, technical or scientific organizations.

**Approved agency** is an established and recognized agency regularly engaged in conducting tests or furnishing inspection services, when such agency has been approved by the building official.

**Board of Appeals** shall be the Board of Adjustment as appointed by the Town Council of the Town of Talty.

**Building Code** is a Building Code as adopted by the Town of Talty.

**Building Official** is the officer charged with the administration and enforcement of this Code, or his duly authorized representative, and is the authority having jurisdiction for this Code.

**Chief Electrical Inspector or Electrical Inspector** shall be the person providing expertise for the building official in the area of electrical regulations.

**Code enforcement agency** is the department, division or agency of the Town of Talty charged with the function of Code enforcement and shall be under the administration and operational control of the building official.

**Electrical Contractor** is any person, firm, or corporation to whom a valid, current electrical contractor's registration has been issued by the Town of Talty.

**Electrical Code** is the National Electrical Code promulgated by the National Fire Protection Association, as adopted by the Town of Talty.

**Firewall** is the same as an area separation wall as used in the Building Code.

**Journeyman Electrician** is a person to whom a valid, current journeyman electrician's registration has been issued by the Town of Talty.

**Master Electrician** is a person to whom a valid, current master electrician's registration has been issued by the Town of Talty.

**Multiple occupancy building** is a building having more than one tenant and may be of single or mixed use groups as classified by the Building Code.

**Occupancy** is the purpose for which a building, or part thereof, is used or intended to be used.

#### **80-4 Conflicting provisions.**

Where, in any specific case, different sections of this Code specify different materials, methods of construction or other requirements, the most restrictive shall govern.

#### **80-5 Alternate materials and methods of construction.**

(a) The provisions of this Code are not intended to prevent the use of any material or method of construction not specifically prescribed by this Code, provided any alternate has been approved and its use authorized by the building official.

(b) The building official may approve any alternate, provided he finds that the proposed design is satisfactory and complies with the provisions of this Code and that the material, method or work offered is, for the purpose intended, at least the equivalent of that prescribed in this Code in suitability, strength, effectiveness, fire resistance, durability and safety.

(c) The building official shall require that sufficient evidence or proof be submitted to substantiate any claims regarding the use of alternates. Provided, however, that the approval or authorization of any alternate shall not be construed as warranting or representing the safety of any approved alternate.

#### **80-6 Modifications.**

Whenever there are practical difficulties involved in carrying out the provisions of this Code, the building official may grant modifications for individual cases, provided he shall first find that a special individual reason makes the strict letter of this Code impractical and the modification is in conformity with the intent and purpose of this Code, and that such modification does not lessen health, life and fire safety requirements.

#### **80-7 Tests.**

(a) Whenever there is insufficient evidence of compliance with any of the provisions of this Code or evidence that materials or construction do not conform to the requirements of this Code, the building official may require tests as evidence of compliance to be made at the sole expense of the person providing such materials or performing such construction.

(b) Test methods shall be as specified by this Code or by other recognized test standards. In the absence of recognized and accepted test methods for the proposed alternate, the building official may determine test procedures.

(c) All tests shall be made by an approved agency. The building official shall retain reports of such tests for a period deemed appropriate by the building official.

### **80-8 Unsafe electrical systems or equipment.**

All electrical systems or equipment regulated by this Code which are unsafe, or which constitute a fire hazard, or are otherwise dangerous to human life are, for the purpose of this section, unsafe. Any use of electrical systems or equipment regulated by this Code constituting a hazard to safety, health or public welfare by reason of inadequate maintenance, dilapidation, obsolescence, fire hazard, disaster, damage or abandonment is, for the purpose of this section, an unsafe use. All such unsafe electrical systems or equipment are hereby declared to be public nuisances and shall be abated by repair, rehabilitation, demolition or removal in accordance with the procedures set forth in the Building Code as adopted by the Town of Talty or such alternate procedure as may be adopted by the Town. As an alternative, the building official or other employee or official of the Town as designated by the governing body may institute any other appropriate action to prevent, restrain, correct or abate the violation.

### **80-9 Violations.**

It shall be unlawful for any person, firm or corporation to erect, construct, enlarge, alter, repair, move, improve, remove, convert or demolish, equip, use or maintain any electrical system or equipment or cause or permit the same to be done in violation of this Code. The issuance or granting of a permit or approval of plans and specifications or the completion or approval of an inspection shall not be deemed or construed to be a permit for, or an approval of, any violation of any of the provisions of this Code. No permit presuming to give authority to violate or cancel the provisions of this Code shall be valid, except insofar as the work or use which is authorized is lawful.

## **Article 85 - Organization and Enforcement**

### **85-1 Powers and duties of Building Official.**

(a) **General.** The building official is hereby authorized to enforce all the provisions of this Code. He shall cause a record to be kept of all permits issued and inspections made.

(b) **Deputies.** In accordance with prescribed procedures and with the approval of the appointing authority, the building official may appoint a Chief Electrical Inspector and other related technical officers and inspectors and other employees as shall be authorized from time to time. Reference to the "Inspector" and "Electrical Inspector" in this Code shall mean the Chief Electrical Inspector or other Electrical Inspectors. The Chief Electrical Inspector and the Electrical Inspectors shall receive for services performed only such compensation as is set aside for that purpose in the current budget of the Town and shall serve and be employed at the will of the Town of Talty. It shall be unlawful for the Chief Electrical Inspector or any Electrical Inspector to engage in the business of selling, installing, or maintenance of electrical fixtures, devices, equipment or materials, and they shall have no financial interest in any concern engaged in such business at any time while employed by the Town.

(c) **Right of entry.** Whenever necessary to make an inspection to enforce any of the provisions of this Code, or whenever the building official or his authorized representative has reasonable cause to believe that there exists in any building or upon any premises any condition or violation which makes such building or premises unsafe, dangerous or hazardous, the building official or his authorized representative may enter such building or premises at all reasonable times to inspect the same or to perform any duty imposed upon the building official by such Codes, provided that if such building or premises be occupied, he shall first present proper credentials and request entry. If such building or premises is unoccupied, he shall first make a reasonable effort to locate the owner or other persons having charge or control of the building or premises and request entry. If entry be refused, the building official or his authorized representative shall have recourse to every remedy provided by law to secure entry. When the building official or his authorized representative shall have first obtained a proper inspection warrant or other remedy provided by law to secure entry, no owner or occupant or any other persons having charge, care or control of any building or premises shall fail or neglect, after proper request is made as herein provided, to promptly permit entry therein by the building official or his authorized representative for the purpose of inspection and examination pursuant to this Code.

(d) **Notice.** When any order or notice is issued pursuant to the provisions of this Code to any person who cannot be found after a reasonable search, such order or notice may be served by posting it in a conspicuous place upon the premises occupied by him or upon the premises where the defects are alleged to exist. Such posting of the

notice shall be considered equivalent to personal service of such order or notice. An order sent by mail in a sealed envelope with postage prepaid and directed to the address of the electrical contractor, owner, lessee, or occupant of the premises shall be equivalent to personal service of such order. Electrical Inspectors are hereby empowered to attach to the nearest electrical cabinet or equipment feeding defective or hazardous wiring, any official notice or seal to prevent use of electricity in that area, and it shall be unlawful for any other person to place or attach such seal, or to break, change, destroy, tear, mutilate, cover or otherwise deface or injure any such official notice or seal posted by an Electrical Inspector.

(e) ***Stop orders.*** Whenever any work is being done contrary to the provisions of this Code, the building official may order the work stopped by notice in writing served on any persons engaged in the doing or causing such work to be done, and any such persons shall forthwith stop such work until authorized by the building official to proceed with the work.

(f) ***Authority to disconnect utilities in emergencies.*** The building official or his authorized representative shall have the authority to disconnect any electric power or energy service supplied to the building, structure or building service equipment therein regulated by this Code in case of emergency where necessary to eliminate an immediate hazard to life or property, or, where there is a violation of the temporary electric connection per section 85-6(b). The building official shall whenever possible notify the serving utility, the owner and occupant of the building, structure or building service equipment, in writing, of such disconnection immediately thereafter.

(g) ***Authority to condemn electrical system and equipment.*** Whenever the building official ascertains that any electrical system or equipment regulated in this Code has become hazardous to life, health or property, he may order in writing that such electrical system or equipment either be removed or restored to a safe condition, whichever is appropriate. The written notice itself shall fix a time limit for compliance with such order. No person shall use or maintain defective electrical system or equipment after receiving such notice. When such equipment or installation is to be disconnected, a written notice of such disconnection and causes therefor shall be given within 24 hours of the order to disconnect to the serving utility, the owner and occupant of such building, structure or premises. When any electrical system or equipment is maintained in violation of this Code and in violation of any notice issued pursuant to the provisions of this section, the building official shall institute any appropriate action to prevent, restrain, correct or abate the violation.

(h) ***Connection after order to disconnect.*** No person shall make connections from

any energy or power supply nor supply power to any electrical system or equipment which has been disconnected or ordered to be disconnected by the building official or the use of which has been ordered to be discontinued by the building official until the building official authorizes the reconnection and use of such electrical system or equipment.

(i) ***Liability.*** The building official, or his authorized representative charged with the enforcement of this Code, acting in good faith and without malice in the discharge of his duties, shall not thereby render himself personally liable for any damage that may accrue to persons or property as a result of any act or by reason of any act or omission in the discharge of his duties. Any suit brought against the building official or employee because of such act or omission performed by him in the enforcement of any provision of this Code shall be defended by legal counsel provided by this jurisdiction until final termination of such proceedings. This Code shall not be construed to relieve from or lessen the responsibility of any person owning, operating or controlling any building, structure or building service equipment therein for any damages to persons or property caused by defects, nor shall the Code enforcement agency or its parent jurisdiction be held as assuming any such liability by reason of the inspections authorized by the Code or approvals issued under this Code.

(j) ***Cooperation of other officials and officers.*** The building official may request, and shall receive so far as is required in the discharge of his duties, the assistance and cooperation of other officials of this jurisdiction.

(k) ***Appeals.*** Any person, firm or corporation may file an appeal with the Chairman of the Board of Adjustment for review of any decision of the building official, provided that such appeal is made in writing within (5) days after notification by the electrical inspector. The Board shall meet within ten (10) days of receipt of such appeal to hear the appeal and render a decision and findings in writing to the appellant with a duplicate copy to the building official.

## **85-2 Electrical License and Registration.**

(a) ***Registration required.*** It shall be unlawful for any person, firm, or corporation who is not registered as a qualified electrician in the Town of Talty to engage in work regulated by this code. Prior to the approval of any permit to do work regulated by this code, the applicant for such permit may be required to first register in person with the Building Inspection Division.

(b) ***Classifications of Electrician Licenses.***



- (1) Master Electrician. Means a person possessing the necessary qualifications, training and technical knowledge to plan, lay out, and supervise the installation, maintenance and extension of electrical conductors and equipment. This person shall have the authority to order the correction of defects or non-complying work installed in violation of this code.
- (2) Master Sign Electrician. Means a person possessing the equivalent qualifications as a master electrician, but limited to installation of signs only – no work may be undertaken on the premises' wiring system by this person, other than the sole connection of a sign to an existing branch circuit or feeder.
- (3) Journeyman Electrician. Means a person possessing the necessary qualifications, training and technical knowledge to install, maintain and extend electrical conductors and equipment and capable of doing this work in accordance with prepared plans and specifications and under the supervision of a master electrician.
- (4) Journeyman Sign Electrician. Means a person possessing the equivalent qualifications as a journeyman electrician, but limited to the installation of signs only, under the supervision of a master sign electrician. No work may be undertaken on the premises' wiring system by this person, other than the sole connection of a sign to an existing branch circuit or feeder.
- (5) Maintenance Electrician. Means a person engaged in the trade of maintaining the electrical system on premises owned and operated by the maintenance electrician's employer.
- (6) Residential Electrician. Means a person possessing the necessary qualifications, training, and technical knowledge to install, maintain and extend electrical conductors and equipment and capable of doing this work in accordance with prepared plans and specifications and under the supervision of a master electrician. The scope of work allowed by this license is limited to residential premises wiring systems of 225 Amperes or less.
- (7) Electrical Contractor. Means a person engaged in the business of installing, maintaining or extending, by contract, electrical conductors and equipment. This person shall be a master electrician. An electrical contractor is the only registered electrician that is allowed to acquire a permit.
- (8) Other license classifications may be recognized if approved by the Building

official.

(c) ***Application for Registration.*** A person, firm, or corporation who desires to register as an electrician, as classified in section 85-2 (b), in the Town of Talty shall complete the appropriate application and provide the following information:

(1) A current electrical license issued by a municipality and accompanied by a reciprocal letter or provide evidence of satisfactory performance on an electrician's certification conducted by the Southern Building Code Conference International in conjunction with the North Central Texas Council of Governments.

(2) A form of picture identification.

(3) Business identification to include the business name, business owner(s), address, and telephone number.

(d) ***Issuance and Term of Registration.*** Upon satisfactory completion of the requirements of Section 85-2 and payment of applicable fees as specified by the Town of Talty Master Fee Schedule for registration as an electrician, as classified in section 85-2 (b), the building official may approve such registration. An approved registration is valid for a period of not more than one (1) year and shall terminate at the end of each calendar year.

(e) ***Transfer of Registration.*** It shall be unlawful for any person, firm, or corporation to lend, rent, or transfer an electrical registration issued by the Town of Talty to another other person firm, or corporation for any purpose.

(f) ***Revocation of Registration.*** An electrical registration issued by the Town of Talty may be revoked by the building official for the following:

(1) Falsification of any portion of an application for registration with intent to defraud.

(2) Revocation of an electrical license by a municipality with which the Town of Talty holds a letter of reciprocity.

(3) Any person, firm or corporation who, after being found guilty in municipal court of violations of this code, is unwilling to make appropriate corrections to the satisfaction of the building official or his designee shall be denied registration as an electrician, as classified in section 85-2 (b).

(4) Transfer of registration as stipulated in Section 85-2 (e) of this code.

(g) ***Notice of Revocation of Electrical Registration.*** The building official shall provide proper notice in writing to the person, firm or corporation holding a defective electrical registration of the decision to revoke an electrical registration. Notice shall be deemed effective on the post date of certified mail and/or acceptance by hand delivery.

(h) ***Appeal of Revocation.*** In the event that any person, firm or corporation shall appeal the decision of the building official to revoke an electrical registration, a request for a public hearing of the matter shall be made in writing to the Chairman of the Board within five (5) days of receipt of notice of revocation as specified in Section 85-3 (f). The Board shall meet to consider an appeal of revocation within ten (10) days of receipt of a written request.

(i) ***False Representation as to Registration Unlawful.*** It shall be unlawful for any person, firm, or corporation to represent himself or a business as an electrician or electrical contractor in the Town of Talty without having first properly registered with the Building Inspection Division.

(j) ***Electrical Company Vehicles to Be Marked.*** All electrical contractors vehicles engaged in doing work in the Town of Talty shall have signs permanently affixed to both sides of the vehicle indicating the company name of the electrical contractor.

(k) ***Supervision.*** The actual work of installing, maintaining, altering, or repairing of electrical work for which a permit is required by this Code shall have supervision by a licensed master or journeyman electrician as provided by this Code. In the event the owner of electrical contracting business is not a licensed master electrician, a master electrician shall be designated by the owner of such place of business to the building official as the person responsible for, and supervising, the electrical work done by such electrical contractor. Such designated master electrician shall be the supervisory electrician for only one (1) electrical contractor within the Town at any one time. Should such supervision not be constantly provided, the Electrical Inspector may order the work being done by such electrical contractor to be discontinued until proper supervision and control has been provided and the name of the new master electrician disclosed to building official.

(l) ***License display.*** Each holder of a master, journeyman or specialist license shall carry evidence of proper license on his person at all times while doing electrical work and shall produce and exhibit same when requested by an Inspector or officer of the

Town.

### **85-3 Exception from licensing and registration.**

Persons who are not registered electricians may carry out the following classes of work:

- (a) The replacement of lamps, fuses and the connection of portable devices to suitable receptacles which have been permanently installed.
- (b) The installation, alteration, or repairing of any wiring, devices, or equipment for signaling, remote control, or the transmission of information, provided such are inherently power limited and have a maximum nameplate rating not exceeding one volt-ampere.
- (c) The installation, alteration or repair of the electric wiring, devices, appliances and equipment installed by or for an electrical public service corporation legally operating in the Town when for the use of such corporation in the generation, transmission, distribution or metering of the electrical energy or for the use of such a corporation in the operation of street railways, signals or the transmission of information.
- (d) Any work involved in the manufacture or test of electrical materials, devices, appliances or apparatus, but not including any installation of wiring other than that required for testing purposes unless such equipment as complete is approved by the Electrical Inspector before it is installed or used.
- (e) Electrical work done by a property owner in a building owned and occupied by him and classified as his homestead. Where the electrical work done by property owner is deemed by the building official to be hazardous to persons or property, and repairable beyond the skills and electrical knowledge of the property owner by the building official, or his authorized representative, the building official may void the permit or validation obtained by the homeowner. In such an event, the electrical work shall only be completed by a Licensed Electrical Contractor, registered with the Town of Talty.

### **85-4 Permits.**

- (a) ***Permits required.*** Except as specified in Subsection (b) of this section, no electrical system regulated by this Code shall be installed, altered, repaired, replaced or remodeled unless a separate electrical permit for each building or structure has first

been obtained from the building official. It shall be unlawful for any person, firm or corporation who is not registered by the Town as an electrical contractor to secure permits except as provided in Section 85-3. It shall be unlawful for any person to lend, rent, or transfer an electrical permit, or permit a person without proper license or registration to do the work, or for any person to make use of any such permit which is not actually his own, and any such permit obtained or submitted under these conditions shall be null and void.

(b) *Exempt work.* An electrical permit shall not be required for the following:

- (1) Portable motors or other portable appliances energized by means of a cord or cable having an attachment plug end to be connected to an approved receptacle when that cord or cable is permitted by this Code.
- (2) Repair or replacement of fixed motors, transformers or fixed approved appliances of the same type and rating in the same location.
- (3) Temporary decorative lighting.
- (4) Repair or replacement of current-carrying parts of any switch, contactor or control device.
- (5) Reinstallation of attachment plug receptacles, but not the outlets therefore.
- (6) Repair or replacement of any overcurrent device of the required capacity in the same location.
- (7) Repair or replacement of electrodes or transformers of the same size and capacity for signs or gas tube systems.
- (8) Taping joints.
- (9) Removal of electrical wiring.
- (10) Temporary wiring for experimental purposes in suitable experimental laboratories.
- (11) Electrical wiring, devices, appliances, apparatus or equipment operating at less than 25 volts and not capable of supplying more than 50 watts of energy.

(12) Low-energy power, controls and signal circuits of Classes II and III as defined in this Code.

(13) A permit shall not be required for the installation, alteration or repair of electrical wiring, apparatus or equipment or the generation, transmission, distribution or metering of electrical energy or in the operation of signals or the transmission of intelligence by a public or private utility in the exercise of its function as a serving utility. Exemption from the permit requirements of this Code shall not be deemed to grant authorization for any work to be done in violation of the provisions of this Code or any other laws or ordinances.

(c) **Application for permit.** To obtain a permit, the applicant shall first file an application therefore in writing on a form furnished by the Town agency for that purpose. Every such application shall:

(1) Identify and describe the work to be covered by the permit for which application is made.

(2) Describe the land on which the proposed work is to be done by legal description, street address or similar description that will readily identify and definitely locate the proposed building or work.

(3) Indicate the use or occupancy for which the proposed work is intended.

(4) Be accompanied by plans, diagrams, computations and specifications and other data as required in Subsection (D) of this section.

(5) Be signed by permittee, or his authorized agent.

(6) Give such other data and information as may be required by the building official.

(d) **Plans and specifications.** With each application for a permit, and where required by the building official for enforcement of any provision of this Code, plans, specifications and calculations shall be submitted in the quantity deemed necessary by the building official. When deemed necessary by the building official to ensure code compliance, the building official may require plans and specifications to be prepared and designed by an engineer licensed by the State of Texas. All drawings, specifications and accompanying data involved with the practice of engineering, such as structural, mechanical, plumbing, electrical, heating and cooling, fire, life and safety systems, shall comply with state and local laws governing the practice of

engineering as required by Article 3271a, Vernon's Annotated Texas Statutes.

(e) **Information on plans and specifications.** Plans and specifications shall be drawn to scale upon substantial paper or cloth and shall be of sufficient clarity to indicate the location, nature and extent of the work proposed and show in detail that it will conform to the provisions of this Code and all relevant laws, ordinances, rules and regulations.

(f) **Permits issuance.** The applications, plans and specifications, and other data, filed by an applicant for permit may be reviewed by other departments of the Town to determine compliance with any applicable laws under their jurisdiction. If the work described in an application for a permit and the plans, specifications and other data filed therewith conforms to the requirements of this Code and other pertinent laws and ordinances, and the fees specified by the Town of Talty Master Fee Schedule been paid, the building official may issue a permit therefore to the applicant. When the building official issues the permit where plans are required, he shall endorse in writing or stamp the plans and specifications "APPROVED." Such approved plans and specifications shall not be changed, modified or altered without authorizations from the building official, and all work shall be done in accordance with the approved plans. The building official may issue a permit for the construction of part of an electrical system before the entire plans and specifications for the whole system have been submitted or approved, provided adequate information and detailed statements have been filed complying with all pertinent requirements of this Code. The holder of such permit shall proceed at his own risk with assurance that the permit for the entire building, structure or building service will be granted.

(g) **Retention of plans.** One set of approved plans and specifications shall be returned to the applicant and shall be kept on the site of the building or work at all times during which the work authorized thereby is in progress. One set of approved plans, specifications and computations shall be retained by the building official until final approval of the work.

(h) **Validity of permit.** The issuance of a permit or approval of plans and specifications shall not be construed to be a permit for, or an approval of, any violation of any of the provisions of this Code, or of any other ordinance of the Town, nor shall the issuance of a permit or approval of plans be construed as representing or warranting the safety or lack of defects of any electrical work described therein. No permit presuming to give authority to violate or cancel the provisions of these Codes shall be valid. The issuance of a permit based upon plans, specifications and other data shall not prevent the building official from thereafter

requiring the correction of errors in said plans, specifications and other data, or from preventing building operations being carried on thereunder when in violation of these Codes or of any other ordinances of the Town.

(i) **Expiration.** Every permit issued by the building official under the provisions of this Code shall expire by limitation and become null and void, if the building or work authorized by such permit is not commenced within 60 days from the date of such permit, or if the building or work authorized by such permit is suspended or abandoned at any time after the work is commenced for a period of 60 days or more. Before such work can be recommenced, a new permit shall be first obtained and the fee therefore shall be one-half the amount required for a new permit for such work, provided no changes have been made or will be made in the original plans and specifications for such work; and provided further that such suspension or abandonment has not exceeded one year. In order to renew action on a permit after expiration, the permittee shall pay a new full permit fee. Any permittee holding an unexpired permit may apply for an extension of the time within which he may commence work under that permit when he is unable to commence work within the time required by this section for good and satisfactory reasons. The building official may extend the time for action by the permittee for a period not exceeding 180 days upon written request by the permittee showing that circumstances beyond the control of the permittee have prevented action from being taken. No permit shall be extended more than once.

(j) **Suspension or revocation.** The building official may, in writing, suspend or revoke a permit issued under the provisions of this Code whenever the permit is issued in error or on the basis of incorrect information supplied, or in violation of any ordinance or regulation of the Town.

(k) **Fees.** Permit fees shall be levied in the amounts specified by the Town of Talty, Master Fee Schedule.

### **85-5 Inspections.**

(a) **General.** All electrical systems and equipment for which a permit is required by this Code shall be subject to inspection by the building official. No portion of any electrical system intended to be concealed shall be concealed until inspected and approved. Neither the building official nor the Town shall be liable for expense entailed in the removal or replacement of any material necessary to allow inspection. When the installation of an electrical system and equipment is complete, an additional and final inspection shall be made. Electrical systems and equipment



regulated by this Code shall not be connected to the energy source until authorized by the building official.

(b) **Inspection requests.** It shall be the duty of the person doing the work authorized by a permit to notify the building official that such work is ready for inspection. The building official may require that every request for inspection is filed at least one working day before such inspection is desired. Such request may be in writing or by telephone at the option of the building official. It shall be the duty of the person requesting inspections required by this Code to provide access to and means for proper inspection of such work.

(c) **Operation of electrical equipment.** The requirements of this section shall not be construed to prohibit the operation of any electrical system or equipment installed to replace existing equipment. The request for inspection of such equipment must have been filed with the building official not more than 48 hours after such replacement work is completed and before any permanent portion of the building conceals any portion of such electrical system.

(d) **Other inspections.** In addition to the called inspections required by this Code, the building official may make or require other inspections of any work to ascertain compliance with the provisions of this Code and other laws which are enforced by the Code enforcement agency.

(e) **Reinspections.** A reinspection fee may be assessed for each inspection or reinspection when such portion of work for which inspection is called is not complete or when required corrections are not made. This provision is not to be interpreted as requiring reinspection fees the first time a job is rejected for failure to comply with the requirements of this Code, but as controlling the practice of calling for inspections before the job is ready for such inspection or reinspection or when required corrections are not made. Reinspection fees may be assessed when the approved plans are not readily available to the Inspector, for failure to provide access on the date for which inspection is requested, or for deviating from plans requiring the approval of the building official. In instances where reinspection fees have been assessed, no additional inspection of the work will be performed until the required fees have been paid.

## **85-6 Service Connections**

(a) **Connection approval.** An electrical system or equipment regulated by this Code for which a permit is required shall not be connected to a source of energy or power

until approved by the building official.

(b) **Temporary connections.** The Building official may authorize the temporary connection of the electrical system or equipment to the source of energy or power for the purpose of testing the equipment, or for the use under a temporary Certificate of Occupancy.

(c) **Authorized connection.** When new electrical meters are installed or existing electrical meters are to be relocated, the disconnection, connection or reconnection to the meter shall be made only by authorized employees of the appropriate utility company. Only authorized employees of the appropriate utility company shall be permitted to make connection between the customer's service entrance conductors and company lines.

2. Section 230-2(a) is amended to add a sixth Special Condition:

**Section 230-2. Number of Services.** A building or other structure served shall be supplied by only one service unless permitted in (a) through (d). For the purpose... {text unchanged}...shall be considered to be supplying one service.

(a) **Special Conditions.** Additional services shall be permitted to supply

(1) Fire Pumps

.....

(6) In supplying electrical service to multifamily dwellings, two or more laterals or overhead service drops shall be permitted to a building when both of the following conditions are met:

- (a) The building has six or more individual gang meters and all meters are grouped at the same location.
- (b) Each lateral or overhead service drop originates from the same point of service.

3. Section 230-71(a) is amended to add an Exception:

**Section 230-71. Maximum Number of Disconnects.**

(a) **General.** The service disconnecting means for each service permitted by Section 230-2, or for each set of service-entrance conductors permitted by Section 230-40, Exceptions Nos. 1 or 3, shall consist of not more than six switches or six circuit breakers mounted in a single enclosure, in a group of separate enclosures, or in or on a switchboard. There shall be no more than six disconnects per service grouped in any one location. For the purpose...{text unchanged}...shall not be considered a separate disconnecting means.

Exception: Multi-occupant Buildings. Individual service disconnecting means is limited to six for each occupant. The number of individual disconnects at one location may exceed six.

4. Section 250-50 is amended to add a fifth paragraph:

**Section 250-50. Grounding Electrode System.** If available on the premises at each building or structure served, each item (a) through (d), and any made electrodes . . . {text unchanged} . . . interconnect electrodes that are part of the grounding electrode system.

Exception: In industrial . . . {text unchanged} . . . conductor is exposed.

Where a metal underground water pipe, as described in item (a), is not present, a method of grounding as specified in (b) through (d) below shall be used.

(FPN): See Sections...{text unchanged}...agriculture buildings.

5. Section 250-104(b) is amended to provide as follows:

**Section 250-104. Bonding of Piping Systems and Exposed Structural Steel.**

(a) **Metal Gas Piping.** Each interior portion of a metal gas piping system upstream from the equipment shutoff valve shall be electrically continuous and bonded to the grounding electrode system. The bonding jumper shall be sized in accordance with Table 250-122 using the rating of the circuit that may energize the gas piping.

6. Section 310-15(b)(6) is amended to provide as follows:

**Section 310-15. Ampacities for conductors rated 0 to 2000 Volts.**

**(b) Tables.**

**(6) 120/240-Volt, 3-Wire, Single-Phase Dwelling Services and Feeders.** For dwelling units, conductors, as listed in Table 310-15(b)(6), shall be... {text unchanged}...conductors. The grounded conductor shall be permitted to be smaller than the ungrounded conductors, provided the requirements of Section 215-2, 220-22, and 230-42 are met. This Section shall not be used in conjunction with Section 220-30.

7. Section 336-5(a)(1) is amended to provide an Exception:

**336.5 Uses Not Permitted.**

**(a) Types NM, NMC, and NMS.** Types NM, NMC, and NMS cables shall not be used in the following:

(1) In any multifamily dwelling or other structure exceeding three floors above grade.

For the purpose of this article, the first floor of a... {text unchanged}...vehicle parking, storage or similar use shall be permitted.

Exception: An additional level shall be permitted in multifamily dwellings where the entire structure is protected throughout by an approved automatic sprinkler system.

(2) As service-entrance cable.

....

(10) In non-residential metal frame structures.

8. Section 220-36 is amended to provide as follows:

**Section 220-36. Optional Calculation - - New Restaurants.**

[This specification may apply to restaurants regarding new occupancy, new buildings, change of occupancy in existing building, or upgrading existing buildings to new electrical load requirements.]

9. Section 404.2 is amended to provide as follows:

**Section 404.2. Fee Schedule.** The fees for all electrical work shall be as indicated in

the Town's master fee schedule.”