ARTICLE 8
NATIONAL ELECTRICAL CODE


SECTION 2. DEFINITIONS. For the purposes of the National Electrical Code, 2011 Edition, as adopted, the following words and phrases shall have the following meanings:

a) The term “authority having jurisdiction” shall in all instances mean the Building Code Official of Johnson County, Kansas.

b) The term “ordinance” shall mean and include the word “resolution.”

c) The term “city” shall mean and include the word “county.”

d) The term "misdemeanor", unless otherwise specifically defined or provided for herein, shall mean Class I Infraction.

SECTION 3. DELETIONS. The following provisions shall be deleted:

a) Section 80.15. Electrical Board.

b) Section 80.23 (B) (3). Penalties.

c) Section 80.25 (C). Notification.

d) Section 80.25 (D). Other Territories.

e) Section 80.27. Inspector’s Qualifications.

f) Section 80.33. Repeal of Conflicting Acts.

g) Section 80.35. Effective Date.

SECTION 4. ADDITIONS.

a) Section 80.19 (E) of the National Electrical Code, as adopted, is hereby amended as follows:
Section 80.19 (E). Fees. The fees for work requiring a permit shall be paid as required, in accordance with the schedule as follows in Table 1-A. When permit fees are required, a plan review fee shall be paid at the time of submitting the submittal documents for plan review. Said plan review fee shall be 65% of the permit fees described in Table 1-A, except that there are no plan review fees for work to new or existing single-family dwellings.

The plan review fee specified in this subsection is a separate fee from the permit fees specified in Section 80.19 (E), and is in addition to the permit fees.
When submittal documents are incomplete or changed so as to require additional plan review or when the project involves deferred submittal items, an additional plan review fee shall be charged at the rate shown in Table 1-A.

Applications for which no permit is issued within 180 days following the date of application shall expire by limitation, and plans and other data submitted for review may thereafter be returned to the applicant or destroyed by the Building Code Official. The Building Code Official may extend the time for action by the applicant for a period not exceeding 180 days on written request by the applicant showing that circumstances beyond the control of the applicant have prevented action from being taken. No application shall be extended more than once. In order to renew action on an application after expiration, the applicant shall resubmit plans and pay a new plan review fee.

**TABLE 1-A BUILDING PERMIT FEES**

<table>
<thead>
<tr>
<th>TOTAL VALUATION</th>
<th>FEE</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1.00 to $500.00</td>
<td>$22.00</td>
</tr>
<tr>
<td>$501.00 to $2,000.00</td>
<td>$22.00 for the first $500.00 plus $2.75 for each additional $100.00, or fraction thereof, to and including $2,000.00</td>
</tr>
<tr>
<td>$2,001.00 to $25,000.00</td>
<td>$63.00 for the first $2,000.00 plus $12.50 for each additional $1,000.00, or fraction thereof, to and including $25,000.00</td>
</tr>
<tr>
<td>$25,001.00 to $50,000.00</td>
<td>$352.00 for the first $25,000.00 plus $9.00 for each additional $1,000.00, or fraction thereof, to and including $50,000.00</td>
</tr>
<tr>
<td>$50,001.00 to $100,000.00</td>
<td>$580.00 for the first $50,000.00 plus $6.25 for each additional $1,000.00, or fraction thereof, to and including $100,000.00</td>
</tr>
<tr>
<td>$100,001.00 to $500,000.00</td>
<td>$895.00 for the first $100,000.00 plus $5.00 for each additional $1,000.00, or fraction thereof to and including $500,000.00</td>
</tr>
<tr>
<td>$500,001.00 to $1,000,000.00</td>
<td>$2,855.00 for the first $500,000.00 plus $4.25 for each additional $1,000.00, or fraction thereof, to and including $1,000,000.00</td>
</tr>
<tr>
<td>$1,000,000.00 and up</td>
<td>$4,995.00 for the first $1,000,000.00 plus $2.75 for each additional $1000.00, or fraction thereof</td>
</tr>
</tbody>
</table>

Other Inspections and Fees:

1. Inspections outside of normal business hours (minimum charge - two hours) $50.00 per hour*
2. Reinspection fees assessed under provisions of Section 108.8 $50.00 per hour*
3. Inspections for which no fee is specifically indicated (minimum charge - one-half hour) $50.00 per hour*
4. Additional plan review required by changes, additions or revisions to plans $50.00 per hour*
5. For use of outside consultants for plan checking or inspections. Actual costs**

*Or the total hourly cost to the jurisdiction, whichever is the greatest. This cost shall include supervision, overhead, equipment, hourly wages and fringe benefits of the employees involved.

**Actual costs include administrative and overhead costs.

The fees for all fuel gas work shall be as indicated in the following schedule.
b) Section 80.19 (G) (7) of the National Electrical Code, as adopted, shall have the following paragraph added: Every permit issued by the Building Code Official under the provisions of this Code shall expire if:
   1. The building or work authorized by such permit is not commenced within 180 days from the date of such permit, or
   2. The building or work authorized by such permit has not progressed to the point of the next required inspection within 180 days of either the issuance of the permit, or from the date of the last inspection.

Before such work can be recommenced, a new permit shall be first obtained to do so, 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 the untimely progress has not exceeded one year. In order to renew action on a permit that has expired for a period exceeding one year, the permittee shall pay a new full permit fee. The Building Code Official is authorized to grant, in writing, one or more extensions of time, for periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.

c) Section 80.23. Notice of Violations, Penalties. (B) Penalties. (3). A new paragraph shall be added to Section 80.23 as follows: Violation of any provision of this Code shall be a public offense, punishable upon conviction as a Class I Infraction (fine of not less than $100.00 nor more than $500.00) all in accordance with Article 20 of this Code of Regulations as the same may be amended from time to time. Each separate day or any portion thereof during which any violation of this Code continues, shall be deemed to constitute a separate offense, and shall be punishable as herein provided.

d) Section 250.52 of the National Electrical Code, as adopted, shall have the following paragraph added:
Where none of the electrodes specified in Section 250.52 is available, two or more of the electrodes specified in 250.52 (5) shall be used. They shall be connected in the manner specified in Section 250.53 to a minimum of two separate grounding electrode conductors.

SECTION 5. AMENDMENTS.

a) Section 80.2 of the National Electrical Code, as adopted, is hereby amended as follows:
80.2 Definitions.
Authority Having Jurisdiction. The organization, office, or individual responsible for approving equipment, materials, an installation, or a procedure. The Building Code Official is designated by the authority having jurisdiction and is responsible for administering the requirements of this Code.

b) Section 80.13 of the National Electrical Code, as adopted, is hereby amended as follows:
80.13 Authority (13). Whenever any installation subject to inspection prior to use is covered or concealed without having first been inspected, the authority having
jurisdiction shall be permitted to require that such work be exposed for inspection. The authority having jurisdiction shall be notified when the installation is ready for inspections and shall conduct the inspection in a timely manner.

c) Section 80.19 (F)(3) of the National Electrical Code, as adopted, is hereby amended as follows:

(F) Inspections and Approvals. When any portion of the electrical installation within the jurisdiction of an Building Code Official is to be hidden from view by the permanent placement of the building, the person, firm, or corporation installing the equipment shall notify the Building Code Official, and such equipment shall not be concealed until it has been approved by the Building Code Official.

d) Section 80.29 of the National Electrical Code, as adopted, is hereby amended as follows:

80.29 Liability for Damages. Article 80 shall not be construed to affect the responsibility or liability of any party owning, designing, operating, controlling, or installing any electric equipment for damages to persons or property caused by a defect therein, nor shall the County or any of its employees be held as assuming any such liability by reason of the inspection, reinspection, or other examination authorized.

e) Section 210.12 (A) of the National Electrical Code, as adopted, is hereby amended as follows:

(A). Dwelling Units. All 120-volt, single phase, 15- and 20-ampere branch circuits supplying outlets installed in dwelling unit family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways, or similar rooms or areas shall be protected by a listed arc-fault circuit interrupter, combination type installed to provide protection of the branch circuit. For these purposes, a smoke alarm shall not be considered an outlet and shall not be included in the arc-fault circuit.

Exceptions no. 1, 2, and 3 apply.

Add a new exception 4 as follows: This section will not apply where existing dwelling unit premises wiring circuits make the application of this section impracticable, as determined by the Building Code Official.

Informational Note: One example of the application of this exception is where the existing dwelling unit utilizes a listed panelboard for which there is no listed device for the application of AFCI protection for a multi-wire branch circuit.

f) Section 547.5 (E) of the National Electrical Code, as adopted, is hereby amended as follows:

Article 547.5 (E) Physical Protection. All electrical wiring and equipment subject to physical damage shall be protected. All electrical wiring and equipment subject to physical damage by livestock shall be protected to a minimum height of 8 feet.