



City of Grand Island

Tuesday, November 28, 2017

Council Session

Item F-1

#9667 - Consideration of Amending Chapter 15 of the Grand Island City Code to Adopt the 2017 National Electrical Code

Staff Contact: Craig Lewis

Council Agenda Memo

From: Craig A. Lewis, Building Department Director

Meeting: November 28, 2017

Subject: Amending Chapter 15 of the Grand Island City Code to Adopt the 2017 National Electrical Code

Presenter(s): Craig Lewis, Building Department Director

Background

The Grand Island City has adopted and enforced electrical regulations for several decades. Currently the 2014 edition of the National Electrical Code is adopted to provide minimum standards for the protection of the public health, safety, and welfare in regard to electrical installations and facilities. This proposal is to amend the City code by the adoption of the latest edition of the National Electrical Code, that being the 2017 edition.

Discussion

This edition and adoption is intended to keep Grand Island current with the State of Nebraska.

These modifications have been before the Grand Island Electrical Board and received their approval and endorsement.

Alternatives

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Approve the ordinance.
2. Disapprove or /Deny the ordinance.
3. Modify the ordinance to meet the wishes of the Council
4. Table the issue

Recommendation

City Administration recommends that the Council approve the ordinance to adopt the 2017 National Electrical Code and modify Chapter 15 of the City Code.

Sample Motion

Move to approve Ordinance #9667 to amend Chapter 15 of the City Code.

ORDINANCE NO. 9667

An ordinance to amend Chapter 15 of the Grand Island City Code; to amend various sections of Chapter 15 pertaining to housekeeping issues, terminologies and organizational structure; to repeal Chapter 15 as now existing, and any ordinance or parts of ordinances in conflict herewith; and to provide for publication and the effective date of this ordinance.

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY
OF GRAND ISLAND, NEBRASKA:

SECTION 1. That Chapter 15, Sections 2, 3, 8, and 11 of the Grand
Island City Code shall be modified to read as follows:

§15-2. National Electrical Code Adopted

(A) There is hereby adopted by the City of Grand Island for the purpose of safeguarding persons and buildings from hazards arising from the use of electricity for light, heat, power, radio, signaling, and other purposes, that certain code known as the National Electrical Code, ~~2014~~ 2017 Edition, recommended by the National Fire Protection Association, except as modified by this section.

(B) The National Electrical Code is modified by deleting Article 210-52C Subsection 2 and 3. Articles ~~210.11~~, 320 and 330 are amended by §15-3 of the Grand Island City Code.

(C) One copy of the National Electrical Code, ~~2014~~ 2017 Edition, shall be on file in the City Clerk's office for public use and inspection as provided by law.

Amended by Ordinance No. 8990, effective 08-10-2005
Amended by Ordinance No. 9194, effective 11-01-2008
Amended by Ordinance No. 9366, effective 03-30-2012
Amended by Ordinance No. 9508, effective 12-31-2014
Amended by Ordinance No. 9578, effective 03-29-2016
Amended by Ordinance No. 9667, effective 01-01-2018

§15-3. Amendments to National Electrical Code, ~~2014~~ 2017 Edition

The following sections are adopted as amendments to the same numbered sections of the National Electrical Code, ~~2014~~ 2017 Edition:

~~Article 210.11(C)(3) Shall be limited to two bathrooms.~~

Article 320 – Armored cable (type AC)

Anti short bushings shall be used.

Article 330 - Metal-Clad Cable (Type MC)

Anti short bushings shall be used.

Amended by Ordinance No. 8990, effective 08-10-2005
Amended by Ordinance No. 9194, effective 11-01-2008
Amended by Ordinance No. 9366, effective 03-30-2012
Amended by Ordinance No. 9508, effective 12-31-2014

Approved as to Form	☐ _____
November 22, 2017	☐ City Attorney

ORDINANCE NO. 9667 (Cont.)

Amended by Ordinance No. 9578, effective 03-29-2016
Amended by Ordinance No. 9667, effective 01-01-2018

§15-8. Wiring In Single and Multiple-Family Units

(A) Multiple family units may have branch circuits in individual units wired with nonmetallic sheathed cable if construction complies with Chapter 8 of the Grand Island City Code.

(B) Existing residential buildings containing more than six family units not having a two-hour fire wall rating separation as provided in Chapter 8 of the Grand Island City Code shall not be wired with nonmetallic cable.

(C) No wiring in basements below the floor joist on exterior walls shall be wired with unprotected nonmetallic cable.

(D) Smoke alarms shall be installed to comply with Section R314 of the ~~2012-2015~~ International Residential Code.

(E) Carbon monoxide alarms shall be installed to comply with Section R315 of the ~~2012-2015~~ International Residential Code.

Amended by Ordinance No. 9366, effective 03-30-2012
Amended by Ordinance No. 9508, effective 12-31-2014
Amended by Ordinance No. 9578, effective 03-29-2016
Amended by Ordinance No. 9667, effective 01-01-2018

§15-11. Requirements for Electrical Installations

(A) Aluminum Conductors – aluminum conductors may be used for service entrance and feeders only.

(B) Equipment grounding conductors – an equipment grounding conductor will be required in all conduit systems except for rigid metal conduit systems with threaded hubs, couplings or fittings.

(C) CSST gas piping shall be bonded to comply with section ~~1311.14.2~~ 1312.2 of the ~~2012~~ 2015 Uniform Mechanical Code.

(D) Non-grounding receptacles shall not be installed, either in new work or for replacement, after December 31, 2014.

Amended by Ordinance No. 9194, effective 11-1-2008
Amended by Ordinance No. 9508, effective 12-31-2014
Amended by Ordinance No. 9667, effective 01-01-2018

SECTION 2. ~~Chapter 15 as now existing, and~~ Any ordinances or parts of ordinances in conflict herewith be, and hereby are, repealed.

SECTION 3. The validity of any section, subsection, sentence, clause, or phrase of this ordinance shall not affect the validity or enforceability of any other section, subsection, sentence, clause, or phrase thereof.

ORDINANCE NO. 9667 (Cont.)

SECTION 4. This ordinance shall be in force and take effect from and after its passage and publication, ~~within fifteen days in one issue of the Grand Island Independent as provided by law.~~ on January 1, 2018.

Enacted: November 28, 2017.

Jeremy L. Jensen, Mayor

Attest:

RaNae Edwards, City Clerk