

ORDINANCE NO. 02-O-2020-2021

ORDINANCE AMENDING CHAPTER 5-4 OF TITLE V OF THE CITY CODE OF THE CITY OF STORM LAKE, IOWA, TITLED "ELECTRICAL CODE AND REGULATION OF ELECTRICIANS," TO ADOPT BY REFERENCE THE MOST RECENT EDITION OF THE NATIONAL ELECTRICAL CODE, WITH MODIFICATIONS, AND CERTAIN RELATED IOWA CODE SECTIONS

WHEREAS, the City Council of the City of Storm Lake, Iowa, has determined that Chapter 5-4 of Title V of the City Code of the City of Storm Lake, Iowa should be amended to delete references to the 2017 Edition of the National Electrical Code and to adopt by reference of the most recent edition of the National Electrical Code, with certain modifications;

NOW, THEREFORE, BE IT ORDAINED by the City Council of the City of Storm Lake, Iowa, as follows:

Section 1. Chapter 5-4 of Title V of the City Code of the City of Storm Lake, Iowa, is hereby amended as follows:

a. Section 5-4-3, captioned, "Electrical Code Adopted," is deleted and, in lieu thereof, the following new Section 5-4-3, captioned "Electrical Code Adopted," is inserted:

Section 5-4-3 Electrical Code Adopted

After published notice and public hearing as required by law, the National Electrical Code, 2020 Edition, as published and approved by the National Fire Protection Association but as adopted and amended from time to time by the electrical examining board within the division of state fire marshal of the Iowa Department of Public Safety pursuant to Iowa Code Sections 100.1, 100.35, 103.1, and 103.6 and administrative rules pursuant thereto is hereby adopted as the Electrical Code for the City, subject to the modifications made by this Section 5-4-3. The National Electrical Code, 2020 Edition, as so adopted and amended, and Iowa Code Sections 100.1, 100.35, 103.1, and 103.6 are hereby incorporated by reference, subject to the modifications set forth below in this Section 5-4-3. All installations, repair or replacement of electrical equipment within the City shall be made in conformance with the Electrical Code for the City and no permit shall be issued by the Electrical Inspector for such a project if the plans and specifications are not in conformance with that Code.

A copy of the National Electrical Code, 2020 Edition, as adopted and amended by the electrical examining board within the division of state fire marshal of the Iowa Department of Public Safety, shall be maintained in the office of the Building Official and shall be available for public inspection during all normal business hours.

Notwithstanding the provisions of the National Electrical Code, 2020 Edition, as adopted and amended by the electrical examining board within the division of state fire marshal of the Iowa Department of Public Safety, the following provisions shall apply:

(A) All business buildings (either erected, altered or converted for such purpose), public buildings, schools, churches, oil stations, warehouses, bulk oil plants, institutional

buildings, apartment houses and all buildings except dwelling houses of not more than two (2) families, shall be wired throughout with rigid conduit, armored cable, flexible steel conduit, metal raceway, electrical metallic tubing, metal clad cable, or electrical non-metallic tubing in accordance with NEW requirements, provided, however, that armored cable or flexible steel conduit may be used only where it is impractical to use rigid conduit or electrical metallic tubing, and further provided that in remodeling work in the buildings above mentioned, metal surface raceway may be used in remodeling, where, in the opinion of the Electrical Inspector, it is impractical to install rigid conduit or electrical metallic tubing. However, in all structures having four (4) or more dwelling units, a feeder must be installed to each dwelling unit branch circuit panel and run in conduit or electric metallic tubing. Each individual dwelling unit may be wired in metallic armored cable (BX) or non-metallic sheath cable (Romex).


(B) Basements of all dwelling houses shall be wired in rigid conduit or electric metallic tubing with the same provision for the use of armored cable or flexible steel conduit as provided in the preceding paragraph, provided that where the entrance switch or panel is on a floor other than the basement, the conduit must be continuous from such switch or panel and connect to the basement conduit. The balance of buildings used as dwelling houses for not more than two (2) families and private garages may be wired with non-metallic sheathed cable.

(C) All sign boards or poster boards shall be wired in rigid conduit, electric metallic tubing, or electrical non-metallic tubing.

Section 2. All ordinances or parts of ordinances in conflict with the provisions of this ordinance are hereby repealed.


Section 3. This ordinance shall be in effect following its passage, approval, and publication as provided by law.

PASSED AND APPROVED this 18th day of January, 2021.



Michael Porsch, Mayor

ATTEST:



Mayra A. Martinez, City Clerk