

Text Amendments
CODE AMENDMENT

DATE: October 2, 2019

CODE AMENDMENT SECTIONS: Part III – Zoning and Development Code: Amendment to Electrical Code - Section 8-151

STAFF REVIEW AND ANALYSIS: Recent changes have been made to the Texas Local Government Code which need to be reflected in the Zoning and Development Code. The following section is revised to in order to comply with HB 2439, effective on September 1, 2019. The bill amends the Texas Local Government Code to prohibit or limit the use or installation of a building product or material on residential or commercial buildings if the building product or material is approved for use by a national model code.

Section 8-151: Requirements for aluminum and copper conductors for electrical construction are removed in order to comply with the Texas Local Government Code. Originally included in the code for safety reasons, the requirements are no longer necessary because of improvements in aluminum technology.

RECOMMENDED MOTION:

Staff recommends approval of the Code amendments in order to comply with State law.

ORDINANCE NO. O-2019-_____

AN ORDINANCE AMENDING ZONING AND DEVELOPMENT CODE, CHAPTER 8, ARTICLE X, DIVISION 9, SECTION 8-151 REGARDING ELECTRICAL CODE STANDARDS AND SPECIFICATIONS, CODE OF ORDINANCES (2018 EDITION), CITY OF ROUND ROCK, TEXAS; AND PROVIDING FOR A SAVINGS CLAUSE AND REPEALING CONFLICTING ORDINANCES AND RESOLUTIONS.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ROUND ROCK,

TEXAS:

I.

That Zoning and Development Code, Chapter 8, Article X, Division 9, Section 8-151(f), Code of Ordinances (2018 Edition), City of Round Rock, Texas, is hereby amended as follows:

CHAPTER 8. ZONING AND DEVELOPMENT STANDARDS

Sec. 8-151. Standards and specifications.

(f) *Special safety measures.*

~~(1) Aluminum conductors will be authorized from the panel to panel and to the service disconnect only, for commercial and industrial construction.~~

~~(2) All feeder conductors to branch circuit panel boards and all subpanels in residential construction shall be copper conductors.~~

(31) Color coding of conductors.

a. *Single phase 120/240 Volt System.*

| Phase | |
|---------|-------|
| A | Black |
| B | Red |
| Neutral | White |

b. *Three phase 120/240 volt center tap Delta System.*

| Phase | |
|-------|-------|
| A | Black |
| B | Red |

| | |
|---------|-------------------|
| C | Orange (high leg) |
| Neutral | White |

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2 c. *Three phase 480 volt Delta System.*

| Phase | |
|-------|--------|
| A | Brown |
| B | Yellow |
| C | Purple |

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4 d. *Three phase 120/208 volt WYE System.*

| Phase | |
|---------|-------|
| A | Black |
| B | Red |
| C | Blue |
| Neutral | White |

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6 e. *Three phase 277/480 volt WYE System.*

| Phase | |
|---------|--------------|
| A | Brown |
| B | Yellow |
| C | Purple |
| Neutral | Natural Gray |

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(42) Except upon written permission of the chief electrical inspector, no electrical conductor of any nature shall be installed nearer than three inches to any metal pipe or duct which could operate in excess of 120 degrees Fahrenheit.

(53) Doorbell transformers must be mounted in an attic, heater closet, bedroom closet or other space where air can flow freely around the transformer. The transformer shall not be covered after it has been mounted.

(64) It will not be acceptable to use flexible metal conduit outside. Liquid-tight flexible conduit or liquid-tight flexible nonmetallic conduit are considered acceptable.

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III.

A. All ordinances, parts of ordinances, or resolutions in conflict herewith are expressly repealed.

B. The invalidity of any section or provision of this ordinance shall not invalidate other sections or provisions thereof.

C. The City Council hereby finds and declares that written notice of the date, hour, place and subject of the meeting at which this Ordinance was adopted was posted and that such meeting was open to the public as required by law at all times during which this Ordinance and the subject matter hereof were discussed, considered and formally acted upon, all as required by the Open Meetings Act, Chapter 551, Texas Government Code, as amended.

Alternative 1.

By motion duly made, seconded and passed with an affirmative vote of all the Council members present, the requirement for reading this ordinance on two separate days was dispensed with.

READ, PASSED, and ADOPTED on first reading this ____ day of _____, 2019.

Alternative 2.

READ and APPROVED on first reading this the ____ day of _____, 2019.

READ, APPROVED and ADOPTED on second reading this the ____ day of _____, 2019.

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CRAIG MORGAN, Mayor
City of Round Rock, Texas

ATTEST:

SARA L. WHITE, City Clerk