

**Resolution No. R-021- 120**

**THE BOARD OF COUNTY COMMISSIONERS  
OF THE COUNTY OF DOUGLAS, COLORADO**

**RESOLUTION ADOPTING THE 2020 NATIONAL ELECTRICAL CODE, WITH  
AMENDMENTS, AS PART OF THE DOUGLAS COUNTY BUILDING CODE.**

***WHEREAS,*** The Colorado State Electrical Board, pursuant to Section 12-115-107 (2) (a), C.R.S., has adopted the 2020 National Electrical Code as the minimum code requirements governing electrical installations in the State of Colorado; and

***WHEREAS,*** The Board of County Commissioners is authorized, pursuant to Section 12-115-107 (2) (a), C.R.S., to adopt standards which are more stringent than the minimum standards adopted by the State of Colorado; and

***WHEREAS,*** The Board of County Commissioners is authorized, pursuant to Section 30-28-202, C.R.S., to adopt Building Codes for all or part of the unincorporated territory of the County; and

***WHEREAS,*** on September 13, 2021, the Planning Commission held a public hearing on the adoption of the codes; and

***WHEREAS,*** the Planning Commission has certified the codes to the Board with a recommendation that they be adopted for the entire unincorporated area of Douglas County; and

***WHEREAS,*** notice of public hearing before the Board on the adoption of the codes was published once weekly for four consecutive weeks in a newspaper of general circulation in Douglas County, and

***WHEREAS,*** the Board desires to adopt the codes for the entire unincorporated area of Douglas County; now, therefore,

**BE IT RESOLVED,** by the Board of County Commissioners of the County of Douglas, State of Colorado, that the National Electrical Code, 2020 Edition as amended and attached hereto, are adopted for the entire unincorporated area of Douglas County:

The National Electrical Code as published by the National Fire Protection Association, 1 Batterymarch Park, Quincy, MA.

**BE IT FURTHER RESOLVED** that this resolution and the 2020 National Electrical Code as amended, adopted pursuant hereto, shall become effective at 12:01 a.m. on November 1, 2021; and all prior resolutions adopting building codes and amendments thereto are repealed at 12:01 a.m. on November 1, 2021.

**PASSED AND ADOPTED** this 19<sup>th</sup> day of October, 2021, in Castle Rock, Douglas County, Colorado.

**THE BOARD OF COUNTY COMMISSIONERS  
OF THE COUNTY OF DOUGLAS, COLORADO**

**BY:**

DocuSigned by:

*Lora L. Thomas*

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**LORA L. THOMAS, Chair**

**ATTEST:**

DocuSigned by:

*Kristin Randlett*

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**KRISTIN RANDLETT, Clerk to the Board**

DocuSigned by:



## **AMENDMENTS TO THE 2020 NATIONAL ELECTRICAL CODE (NEC)**

**Article 210.23 (A) - 15- and 20-amp branch circuits;** Addition to the end of the subsection: In dwelling units, the general-purpose branch circuits for receptacles and lighting shall be limited to no more than (10) openings on a 15-amp circuit and no more than (12) openings on a 20-amp circuit. Branch circuits for lighting only shall not exceed 80% of the branch circuit rating. The calculated load shall be determined on the maximum allowable wattage of the fixtures.

**Article 210.52 (B) 3- Kitchen Receptacles Requirements;** Modify the first sentence to read: Receptacles installed in a kitchen to serve countertop surfaces shall be supplied by not fewer than two small appliance circuits, **these circuits shall have no more than four openings**, either or both of which shall also be permitted to supply receptacle outlets in the same kitchen or other rooms specified in 210.52 ( B ) (1) .

**Article 215.2(A)1(b) Informational Note #2 – Delete and substitute**

**Article 215.2(A) 1 (b) 1** Service Conductors and Feeder Conductors, as defined in Article 100, shall be sized to prevent a voltage drop exceeding 3 percent at the furthest termination and will provide reasonable efficiency of operation.