

Introduced _____
Public Hearing _____
Council Action _____
Executive Action _____
Effective Date _____

County Council Of Howard County, Maryland

2012 Legislative Session

Legislative Day No. 4

Bill No. 13 -2012

Introduced by: The Chairperson at the request of the County Executive

AN ACT adopting the 2011 National Electrical Code as the Electrical Code for Howard County; regulating the design, construction, alteration, improvement or modification to electrical equipment; adopting certain local amendments to the Electrical Code; and generally relating to the electrical requirements in Howard County.

Introduced and read first time _____, 2012. Ordered posted and hearing scheduled.

By order _____
Stephen LeGendre, Administrator

Having been posted and notice of time & place of hearing & title of Bill having been published according to Charter, the Bill was read for a second time at a public hearing on _____, 2012.

By order _____
Stephen LeGendre, Administrator

This Bill was read the third time on _____, 2012 and Passed ____, Passed with amendments _____, Failed _____.

By order _____
Stephen LeGendre, Administrator

Sealed with the County Seal and presented to the County Executive for approval this ___ day of _____, 2012 at ___ a.m./p.m.

By order _____
Stephen LeGendre, Administrator

Approved/Vetoed by the County Executive _____, 2012

Ken Ulman, County Executive

NOTE: [[text in brackets]] indicates deletions from existing law; TEXT IN SMALL CAPITALS indicates additions to existing law; Strike-out indicates material deleted by amendment; Underlining indicates material added by amendment.

1 **Section 1. Be It Enacted** by the County Council of Howard County, Maryland, that the
2 Howard County Code is amended as follows:

3 *By repealing and reenacting:*

4 *Title 3. Buildings.*

5 *Subtitle 2. Electrical Regulations.*

6 *Section 3.214. Adoption of National Electrical Code.*

7

8 **Title 3. Buildings.**

9 **Subtitle 2. Electrical Regulations.**

10

11 **SECTION 3.214. ADOPTION OF NATIONAL ELECTRICAL CODE.**

12 (A) (1) THE 2011 EDITION (NFPA 70) OF THE NATIONAL ELECTRICAL CODE, WITH
13 AMENDMENTS AS LISTED IN SUBSECTION (B) OF THIS SECTION, IS HEREBY
14 ADOPTED AS THE ELECTRICAL CODE FOR HOWARD COUNTY, AS IF THE
15 NATIONAL ELECTRICAL CODE WERE SET OUT IN FULL IN THIS SECTION.

16 (2) A PERSON PERFORMING OR CAUSING THE PERFORMANCE OF ELECTRICAL
17 WORK SHALL CONFORM TO THE HOWARD COUNTY ELECTRICAL CODE AND
18 TO THE PROVISIONS OF THE HOWARD COUNTY BUILDING CODE ADOPTED IN
19 TITLE 3, SUBTITLE 1 OF THE HOWARD COUNTY CODE.

20 (3) IF A CONFLICT EXISTS BETWEEN THE HOWARD COUNTY BUILDING CODE
21 AND THE HOWARD COUNTY ELECTRICAL CODE, THE CODE REQUIRING THE
22 HIGHER STANDARD SHALL GOVERN.

23 (B) THE FOLLOWING AMENDMENTS MODIFY CERTAIN PROVISIONS OF THE ADOPTED CODE:

24 (1) *SECTION 90.4. ENFORCEMENT.*

25 ADD A SENTENCE AT THE END OF THIS SECTION AS FOLLOWS: "IF THERE IS A
26 CONFLICT BETWEEN THIS SECTION AND ANY OTHER PROVISION OF THIS
27 SUBTITLE, THE REQUIREMENT OF THE OTHER PROVISION SHALL GOVERN."

28 (2) *ARTICLE 100. DEFINITIONS.*

29 DELETE THE SENTENCE FOLLOWING "AUTHORITY HAVING JURISDICTION
30 (AHJ)." AND SUBSTITUTE THE FOLLOWING, "THE AUTHORITY HAVING

JURISDICTION IS THE BUILDING OFFICIAL AS SET FORTH IN SECTION 3.101(A)(2) OF THE HOWARD COUNTY CODE.

(3) *SECTION 210.8(A). GROUND-FAULT CIRCUIT-INTERRUPTER PROTECTION FOR PERSONNEL – DWELLING UNITS.*

ADD EXCEPTION (1): A SINGLE RECEPTACLE THAT SUPPLIES SUMP PUMPS, CONDESATE PUMPS, AND SEWER EJECTOR PUMPS SHALL NOT BE REQUIRED TO HAVE GROUND-FAULT CIRCUIT-INTERUPTOR PROTECTION.

(4) *SECTION 210.12. ARC-FAULT CIRCUIT-INTERRUPTER PROTECTION.*

ADD EXCEPTION TO SECTION 210.12(B) AS FOLLOWS:

“EXCEPTION: ARC-FAULT-CIRCUIT-INTERRUPTER PROTECTION IS NOT REQUIRED FOR NEWLY INSTALLED 120 VOLT SMOKE DETECTORS.

(5) *SECTION 230.71. MAXIMUM NUMBER OF DISCONNECTS.*

IN SUBSECTION 230.71(A), DELETE "FOR THE PURPOSE OF THIS SECTION," THROUGH THE END OF NUMBER (4).

(6) *SECTION 240.21. LOCATION IN CIRCUIT.*

AMEND SUBSECTION 240.21(B) BY ADDING EXCEPTIONS IN BOTH SUBSECTIONS (B)(1) AND (B)(2) AS FOLLOWS:

“EXCEPTION: IN METER ROOMS, THE CONDUCTORS WITHIN THE AUXILIARY GUTTER THAT SUPPLIES THE METER SHALL NOT COUNT AS A PART OF THE TOTAL LENGTH.”

(7) *SECTION 250.52. GROUNDING ELECTRODES.* ADD THE FOLLOWING TO THE BEGINNING OF SUBSECTION 250.52(A)(3), "CONCRETE-ENCASED ELECTRODES": "EXCEPT AS OTHERWISE APPROVED BY THE DEPARTMENT, THE PRINCIPAL GROUNDING ELECTRODE FOR A NEW STRUCTURE IS A CONCRETE ENCASED ELECTRODE INSTALLED IN ACCORDANCE WITH THIS SUBSECTION."

(8) *SECTION 310.106(A). MINIMUM SIZE OF CONDUCTORS.*

ADD THE FOLLOWING AT THE END OF THIS SECTION: "WHETHER SOLID OR STRANDED, A CONDUCTOR SHALL NOT BE SMALLER THAN NUMBER 14 COPPER, NUMBER 12 COPPERCLAD ALUMINUM, OR NUMBER 6 ALUMINUM OR ALUMINUM ALLOY."

- 1 (9) *SECTION 334.10. USES PERMITTED.*
2 IN ITEM (3), AFTER “ASSEMBLIES”, INSERT “CABLES INSTALLED WITHIN
3 DROP OR SUSPENDED CEILINGS WITHOUT A THERMAL BARRIER ARE
4 PERMITTED.”
- 5 (10) *SECTION 334.12. USES NOT PERMITTED.*
6 IN SUBSECTION (A)(2):
7 (i) DELETE “TWO-FAMILY AND” AND SUBSTITUTE “TWO-FAMILY,”; AND
8 (ii) AFTER “DWELLINGS”, INSERT “, AND TYPE III, IV, AND V
9 STRUCTURES.”
- 10 (11) *SECTION 338.10. USES PERMITTED.*
11 IN SUBSECTION (4)(A) DELETE “, EXCLUDING 334” THROUGH THE
12 REMAINDER OF THE SUBSECTION.
- 13 (12) *ANNEX H. ADMINISTRATION AND ENFORCEMENT.*
14 ONLY THE PROVISIONS OF SUBSECTION 80.9 ARE ADOPTED. THE REMAINDER
15 OF ANNEX H IS SPECIFICALLY AND INTENTIONALLY NOT ADOPTED.

16

17 *Section 2. And Be It Further Enacted by the County Council of Howard County,*
18 *Maryland, that this Act shall become effective 61 days after its enactment.*