COUNTY COUNCIL OF PRINCE GEORGE'S COUNTY, MARYLAND

2007 Legislative Session

Bill No. CB-10-2007

Chapter No.

Proposed and Presented by Council Member Dernoga

Introduced by

Co-Sponsors

Date of Introduction

BILL

AN ACT concerning

Electrical Code

For the purpose of amending provisions of the code to remove those which require the color coding of the armor or metal jacket on electrical cables of type AC, HFC and MC when installed in building of Type I and II construction.

BY repealing and reenacting with amendments:

SUBTITLE 9. ELECTRICITY.

Section 9-107.01,

The Prince George's County Code

(2003 Edition, 2006 Supplement)

SECTION 1. BE IT ENACTED by the County Council of Prince George's County, Maryland, that Section 9-107.01 of the Prince George's County Code be and the same is hereby repealed and reenacted with the following amendments:

SUBTITLE 9. ELECTRICITY.

Sec. 9-107.01. Wiring Methods and Materials; Article 310 -- Conductors for General Wiring.

(a) The following amendments, additions, and/or deletions are made to Article 310 of the National Electrical Code:

(1) The following paragraph is added to Section 310.2, "Conductors:" (C) Aluminum Conductors. Aluminum conductors shall be permitted only for service and feeder use and shall not be smaller than #2 AWG.

(2) The following exception is added to Section 310.2, "Conductors:" Listed Cable assemblies #2 aluminum AWG and larger installed in single-family and multifamily dwellings, having grounding conductors sized in accordance with Section 250.122, "Size of Equipment Grounding Conductors," shall be excluded from the requirements set forth in (a)(1), above.

[(3) The following amendments are added to Section 310.11(B)(1)(a) "Color Coding:" In types I and II construction the armor or metal shell of type AC, Health Care Facility Cable ("HFC") and type MC cable shall be color-coded in accordance with the voltage rating of the conductors,

Conductors	**120/240 120/208 volt colors**
2 conductors	black/white
3 conductors	black/white/red
4 conductors	black/white/red/blue
Conductors	**277 volt colors**
2 conductors	gray/orange
	gray/yellow
	gray/brown
Conductors	**277/480 volt colors**
3 conductors	brown/orange/gray
	orange/yellow/gray
	brown/yellow/gray
4 conductors	brown/orange/yellow/gray

(4)](3) The following addition is made to 310.15(B)(2)(a)FPN, "Adjustment Factors:" No diversity allowance is permitted when determining ampacity of three (3) or more conductors in a raceway or cable.

SECTION 2. BE IT FURTHER ENACTED that this Act shall take effect forty-five (45) calendar days after it becomes law.

Adopted this _____ day of _____ , 2007.

COUNTY COUNCIL OF PRINCE GEORGE'S COUNTY, MARYLAND

BY: _____
Camille A. Exum
Chair

ATTEST:

_____
Redis C. Floyd
Clerk of the Council

APPROVED:

DATE: _____ BY: _____
Jack B. Johnson
County Executive

KEY:
Underscoring indicates language added to existing law.
[Brackets] indicate language deleted from existing law.
Asterisks *** indicate intervening existing Code provisions that remain unchanged.