

Approved \_\_\_\_\_ Mayor  
Veto \_\_\_\_\_  
Override \_\_\_\_\_

Amended  
Agenda Item No. 7(A)  
10-7-14

ORDINANCE NO. 14-95

ORDINANCE AMENDING CHAPTER 8 ARTICLE III OF THE MIAMI-DADE COUNTY CODE ADOPTING A LOCAL TECHNICAL AMENDMENT PERTAINING TO UNDERWATER POOL LIGHTING FOR PRIVATE SWIMMING OR RECREATIONAL BATHING POOLS LOCATED IN AREAS OF INCORPORATED AND UNINCORPORATED MIAMI-DADE COUNTY PROVIDING SEVERABILITY, INCLUSION IN THE CODE, AND AN EFFECTIVE DATE

**BE IT ORDAINED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA:**

**Section 1.** Chapter 8 of the Code of Miami-Dade County, Florida, is amended as follows:<sup>1</sup>

**Chapter 8 BUILDING CODE**

**ARTICLE III. FLORIDA BUILDING CODE**

**Sec. 8-31. Local technical amendments to Florida Building Code.**

(A) The County hereby adopts the following local technical amendments to Chapter 6 (Plumbing) of the Florida Building Code.

604.4 Maximum flow and water consumption.

\* \* \*

>>(C) The County hereby adopts the following local technical amendment to Chapter 41 (Residential) of the Florida Building Code.

<sup>1</sup> Words stricken through and/or [[double bracketed]] shall be deleted. Words underscored and/or >>double arrowed<< constitute the amendment proposed. The remaining provisions are now in effect and remain unchanged.

R4101.16 Electrical.

Electrical wiring and equipment shall comply with Chapter 27 of the Florida Building Code.

R4101.16.1 Lighting

When artificial underwater lighting is utilized in any private swimming or recreational bathing pools, all portions of the pool, including the entire bottom and any and all drains, shall be readily seen without glare.

R4101.16.2 Underwater Lighting

The maximum voltage for each luminaire shall not exceed the Low Voltage Contact Limit, which is defined as a voltage not exceeding the following values:

- (1) 15 volts (RMS) for sinusoidal alternating current
- (2) 21.2 volts peak for nonsinusoidal alternating current
- (3) 30 volts continuous direct current
- (4) 12.4 volts peak for direct current that is interrupted at a rate of 10 to 200 Hertz

The maximum incandescent lamp size shall be 300 watts.

- (D) The County hereby adopts the following local technical amendment to Chapter 4 (Building) of the Florida Building Code.

424.2.16 Electrical.

Electrical wiring and equipment shall comply with Chapter 27 of the Florida Building Code, Building.

424.2.16.1 Lighting

When artificial underwater lighting is utilized in any private swimming or recreational bathing pools, all portions of the pool, including the entire bottom and any and all drains, shall be readily seen without glare.

424.2.16.2 Underwater Lighting

The maximum voltage for each luminaire shall not exceed the Low Voltage Contact Limit, which is defined as a voltage not exceeding the following values:

- (5) 15 volts (RMS) for sinusoidal alternating current
- (6) 21.2 volts peak for nonsinusoidal alternating current
- (7) 30 volts continuous direct current
- (8) 12.4 volts peak for direct current that is interrupted at a rate of 10 to 200 Hertz

The maximum incandescent lamp size shall be 300 watts.<<

**Section 2.** If any section, subsection, sentence, clause or provision of this ordinance is held invalid, the remainder of this ordinance shall not be affected by such invalidity.

**Section 3.** It is the intention of the Board of County Commissioners, and it is hereby ordained that the provisions of this ordinance, including any sunset provision, shall become and be made a part of the Code of Miami-Dade County, Florida. The sections of this ordinance may be renumbered or relettered to accomplish such intention, and the word "ordinance" may be changed to "section," "article," or other appropriate word.

**Section 4.** This ordinance shall become effective ten (10) days after the date of enactment unless vetoed by the Mayor, and if vetoed, shall become effective only upon an override by this Board.

PASSED AND ADOPTED: October 7, 2014

Approved by County Attorney as  
to form and legal sufficiency:

Handwritten signature of the County Attorney, appearing to be "KAC", and a circled handwritten signature of David Sherman, appearing to be "DS".

Prepared by:

David Sherman

Prime Sponsor: Commissioner Audrey M. Edmonson  
Co-Sponsors: Vice Chair Lynda Bell  
Commissioner Esteban L. Bovo, Jr.  
Commissioner Jose "Pepe" Diaz  
Commissioner Sally A. Heyman  
Commissioner Barbara J. Jordan  
Commissioner Dennis C. Moss  
Senator Javier D. Souto  
Commissioner Xavier L. Suarez