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| **ELECTRICAL**  **Local Amendments**  **To the**  **8th Edition 2023 Florida Building Code** | | | |
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| **JURISDICTION** | **DOCUMENT with**  **TECHNICAL**  **AMENDMENTS** | **TEXT OF TECHNICAL AMENDMENETS** | **TAC REVIEW** |
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| Broward County | RESIDENTIAL  <https://floridabuilding.org/Upload/FBC/CodeID_7785_f5b4_Broward%20County%20Local%20Amends%20to%208th%20Ed%20FBC%202023%20RESIDENTIAL-Ch%2029%20-%20-2023-12-29.pdf> | **Section R4501.16 Electrical**  Electrical equipment wiring and installation, including the bonding and grounding of pool  components, shall comply with Chapter 27 of the Florida Building Code, Building. Outlets  supplying pool pump motors connected to single-phase 120-volt through 240-volt branch  circuits, whether by receptacle or by direct connection, and outlets supplying other electrical  equipment ~~and underwater luminaires operating at voltages greater than the low voltage contact~~  ~~limit~~, connected to single-phase, 120-volt through 240-volt branch circuits, rated 15 or 20  amperes, whether by receptacle or by direct connection, shall be provided with ground-fault  circuit interrupter protection for personnel.  **Section R4501.16.1 Maximum Voltage**  The maximum voltage for each luminaire in any private swimming or bathing pool 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. |  |
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| Pinellas County Construction Licensing Board (PCCLB) | BUILDING  [https://floridabuilding.org/Upload/F BC/CodeID7863\_43e5\_2701.1.pdf](https://floridabuilding.org/Upload/F%20BC/CodeID7863_43e5_2701.1.pdf)  NEC | **NFPA 70 NATIONAL ELECTRICAL CODE**  **2701.1 Scope** The provisions of this chapter and NFPA 70 shall govern the design, construction, erection and installation of the electrical components, appliances, equipment and systems used in buildings and structures covered by this code. The Florida Fire Prevention Code and NFPA 70 shall govern the use and maintenance of electrical components, appliances, equipment and systems The Florida Building Code, Existing Building and NFPA 70 shall govern the alteration, repair, relocation, replacement and addition of electrical components, appliances equipment and systems.  **AMEND EXISTING NEC SECTION**  **Article 250.96 Bonding Other Enclosures.**   1. **General. Metal raceways, cable trays, cable armor, cable sheath, enclosures, frames, fittings, and other metal non-current-carrying parts that are to serve as equipment grounding conductors, with or without the use of wire-type supplementary equipment grounding conductors, shall be bonded if necessary to ensure electrical continuity and the capacity to conduct fault current lielky to be imposed on them. Any nonconductive paint, enamel, or similar, coating shall be removed at threads, contact points, and contact surfaces or shall be connected by means of fittings designed so as to make such removal unnecessary. All raceways shall contain an equipment-grounding conductor sized in accordance with Table 250.122.** |  |
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| Broward County | SWIMMING POOL  <https://floridabuilding.org/Upload/FBC/CodeID_7787_0bf4_Building%20Amend.2023.pdf> | **Section 454.1.4 Electrical Systems**  **Section 454.1.4.1 Electrical**  Electrical equipment wiring and installation, including the bonding and grounding of pool components, shall comply with Chapter 27 of the Florida Building Code, Building. Outlets supplying pool pump motors connected to single-phase 120-volt through 240-volt branch circuits, whether by receptacle or by direct connection, and outlets supplying other electrical equipment and underwater luminaires operating at voltages greater than the low voltage contact limit, connected to single-phase, 120-volt through 240-volt branch circuits, rated 15 or 20 amperes, whether by receptacle or by direct connection, shall be provided with ground-fault  circuit interrupter protection for personnel.  **Section 454.1.4.1.1 Maximum Voltage**  The maximum voltage for each luminaire in any private swimming or bathing pool 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.  **Section 454.2.16 Electrical**  Electrical equipment wiring and installation, including the bonding and grounding of pool components, shall comply with Chapter 27 of the Florida Building Code, Building. Outlets supplying pool pump  motors connected to single-phase 120-volt through 240-volt branch circuits, whether by receptacle or by direct connection, and outlets supplying other electrical equipment and underwater luminaires operating at voltages greater than the low voltage contact limit, connected to single-phase, 120-volt through 240-volt branch circuits, rated 15 or 20 amperes, whether by receptacle or by direct connection, shall be provided with ground-fault circuit interrupter protection for personnel.  **Section 454.2.16.1 Maximum Voltage**  The maximum voltage for each luminaire in any private swimming or bathing pool 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. |  |
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