



## Informal Interpretation Report Number 7826



**Date** September 19, 2016

**Edition** 2014

**Section** 102.4.1

### **Question:**

Please confirm that the TIA-222-G standard is adopted by this Code, thus the provisions of the FBC-B apply. Furthermore, please confirm that design wind speeds per Section 1609 or Section 1620 govern over the design wind speeds indicated in the TIA-222-G standard.

### **Answer**

Wind loads for towers are based on the wind speeds of TIA-222. A Dec Statement on this question was submitted and withdrawn.

Subsequently, legislation was passed stating the provisions of the FBC do not apply for commercial wireless communication towers where such provisions are inconsistent with the provisions of the code controlling radio and television towers. [Ch. 553.73(14), F.S.] The statutory language was incorporated into the code at Section 1609.1.1, Exception 5:

Designs using TIA-222 for antenna-supporting structures and antennas, provided the horizontal extent of Topographic Category 2 escarpments in Section 2.6.6.2 of TIA-222 shall be 16 times the height of the escarpment. Design using this standard shall be permitted for communication tower and steel antenna support structures.

Further code provisions related to the design of towers per TIA-222 may be found at Section 3108.1

### **Commentary:**

None

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**Notice:**

The Building Officials Association of Florida, in cooperation with the Florida Building Commission, the Florida Department of Business & Professional Regulation, ICC, and industry and professional experts offer this interpretation of the Florida Building Code in the interest of consistency in their application statewide. This interpretation is informal, non-binding and subject to acceptance and approval by the local building official.