Analysis of Changes for the 5th Edition (2014) of the Florida Codes

Changes to the Test Protocols for the High-Velocity Hurricane Zones

This *Analysis of Changes for the 5th Edition (2014) of the Florida Codes* is intended to provide a comprehensive comparison of the provisions in the *2010 Florida Building Code, Test Protocols for the High-Velocity Hurricane Zones (HVHZ)* and the *5th Edition (2014) of the Florida Building Code, Test Protocols for the HVHZ*. As a result of new Florida-specific amendments, certain provisions and criteria have changed. This *Analysis* will serve a useful tool to facilitate the transition to the new code.

This *Analysis* is arranged so that comparable provisions in the two codes can be easily located. The left two columns contain section numbers and a brief overview of the corresponding requirements from the 2010 *Florida Building Code, Test Protocols for the HVHZ*. The next two columns contain section numbers and a brief overview of the corresponding requirements in the 5th Edition (2014) of the *Florida Building Code, Test Protocols for the HVHZ*. The far right column contains a brief analysis or comment on the differences between the provisions.

This *Analysis* is not intended to replace or interpret the provisions contained in either the 2010 *Florida Building Code, Test Protocols for the HVHZ* or the 5th Edition (2014) of the *Florida Building Code, Test Protocols for the HVHZ*. This information simply points out the differences. The *Analysis* is not designed to be used without the aid of the representative code books, as all the details pertaining to a specific section may or may not be provided. However, this *Analysis* will provide an easy means for identifying differences in the two codes, as well as enabling the user to locate issue specific provisions in the 5th Edition (2014) of the *Florida Building Code, Test Protocols for the HVHZ* by means of a numbered section cross reference.

This *Analysis* provides a cross-reference for the majority of the sections that changed in the 5th Edition (2014) of the *Florida Building Code, Test Protocols for the HVHZ*. In some cases, sections were grouped together due to substantial differences. This grouping enables the extent of the differences to be more readily identified.

2010 FBC Test Protocols for the HVHZ		**5th Edition of the FBC Test Protocols for the HVHZ**		
Section	**Requirement**	**Section**	**Requirement**	**Analysis**
TAS 105				
6.1.2	Hydraulic dynamometers	6.1.2	Hydraulic or mechanical dynamometers	Revised to include mechanical dynamometers within the scope of this section.
6.3	Hydraulic dynamometers	6.3	Dynamometers	Specific reference to hydraulic dynamometers

				has been deleted and replaced with a general reference to “Dynamometers.”
TAS 110				
15	Metal panel roof assemblies	15	Metal panel roof assemblies	Revised to require structural metal panel roof assemblies to comply with ASTM G 152 or ASTM G 155.
TAS 114				
2	Referenced documents	2	Referenced documents	Applicable referenced standards have been revised. ASTM G 152 replaces ASTM G 23. ASTM G 155 replaces ASTM G 26. ASTM G 154 replaces ASTM G 53.
8.7.1	Performance requirements and tests (accelerated weathering)	8.7.1	Performance requirements and tests (accelerated weathering)	Revised to require accelerated weathering testing to comply with ASTM G 152 or ASTM G 155.
TAS 124				
11	Bell chamber test results	11	Bell chamber test results	Required test information has been revised to require the date of the test, air temperature, roof surface temperature, and the wind velocity during the test.
11	Bonded pull test results	11	Bonded pull test results	Required test information has been revised to require the date of the test, air temperature, roof surface temperature, and the wind velocity during the test.
TAS 131				
2	Referenced documents	2	Referenced documents	Applicable referenced standards have been revised. ASTM G 155 replaces ASTM G 26. ASTM G 154 replaces ASTM G 53.
10.17 10.18	Test methods (weather resistance)	10.17 10.18	Test methods (weather resistance)	Applicable referenced standards for weather resistance have been revised. ASTM G 155 replaces ASTM G 26. ASTM G 154 replaces ASTM G 53.
TAS 138				
2	Referenced documents	2	Referenced documents	Applicable referenced standards have been revised. ASTM G 155 replaces ASTM G 26. ASTM G 154 replaces ASTM G 53.
8.4	Test methods (accelerated weathering)	8.4	Test methods (accelerated weathering)	Applicable referenced standards have been revised.

				ASTM G 155 replaces ASTM G 26. ASTM G 154 replaces ASTM G 53.
9.3	Apparatus	9	Apparatus	Revised to replace ASTM G 53 with ASTM G 154.
TAS 143				
2	Referenced documents	2	Referenced documents	Applicable referenced standards have been revised. ASTM G 155 replaces ASTM G 26.
7.11	Test methods (accelerated weathering)	7.11	Test methods (accelerated weathering)	Revised to require accelerated weathering testing to comply with ASTM G 155.
TAS 203				
6.5	Assembly tests	6.5	Assembly tests	Requirements for the test temperature have been relocated to a stand-alone section.
-	-	6.6	Test temperature	