



August 25, 2015

Gene Denley
GlassCraft Door Company
2002 Brittmoore Street
Houston, Texas 77043

RE: Equivalence of Published Versions of ASTM E1996

Dear Mr. Denley:

At your request, I have reviewed an ASTM test method standard to evaluate its equivalence to the same test method standard but with a different publication date as referenced by the Florida Building Code. Specifically, I am comparing:

ASTM E1996-12 Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Windborne Debris in Hurricanes (2014 FBC Reference Standard) to ASTM E1996-014a Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Windborne Debris in Hurricanes.

Our laboratory in York, Pennsylvania, is accredited to perform the above-referenced test methods. I have reviewed and compared the above-referenced test method standards, and it is my professional opinion that the test method standards are equivalent.

Specific changes include: A) deletion of Wind Zone 4 from the body of the standard and creation of Annex X4 to contain the language associated with Wind Zone 4 and B) The wind speeds used to define the wind zones changed to reflect changes made in ASCE7. E1996 and its companion document E1886 result in a missile rating and a design pressure rating. The pass/fail criteria and that rating are not affected.

ARCHITECTURAL TESTING, INC.

Digitally Signed by: Joseph A. Reed

Joseph A. Reed, P.E.
Director - Engineering

CLA:cla/cmd

cc: F0868.01-122-34

© 2015 Architectural Testing, Inc.