



## MEMORANDUM

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To: Development Services Staff

From: Gene Delauro, Building Official *GD*

Date: March 9, 2018

Subject: Policy Determination for Wind Load Certification -  
Repairs to Damaged Commercial Buildings

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**Issue:** A number of design professional have requested a written determination to clarify whether repair work performed for hurricane damaged structures must meet the Texas Department of Insurance (TDI) standards for wind load.

**Background:** The City adopted the 2015 International Building Code (IBC) and 2015 International Existing Building Code (IEBC) on May 16<sup>th</sup>, 2016. Upon review, the applicable Code to be used for repair work to hurricane damaged buildings is Chapter 6 of the 2015 IEBC.

Section 606.2.2.1 of the 2015 IEBC requires a registered design professional to perform an evaluation for the purposes of establishing the structures adequacy. The evaluation shall determine the strength and stiffness of the original predamaged structure and must assess the entire structure for compliance with IBC wind and seismic load combinations. This means the evaluation must demonstrate compliance for all loads that are applicable to new construction.

Section 606.2.2.3 of the 2015 IEBC states the wind loads for the repair and/or rehabilitation shall be those required by the building code in effect at the time of original construction, *unless the damaged was caused by wind*, in which case the wind loads shall be in accordance with the 2015 IBC.

**Conclusion:** All repair work performed due to damage caused by wind shall be in accordance with the wind loads established in Section 1609 of the 2015 IBC and shall be certified by a licensed design professional. The TDI has adopted the 2006 IBC with some modifications from the 2015 IBC as the standard for wind load compliance. The City of Corpus Christi will accept certification of repairs meeting either the TDI standard or 2015 IBC standard.