

# Texas Department of Insurance

## Windstorm Inspections Program/Engineering Services Program

### Newsletter

June/July 2014

#### Repairs vs. Alterations

- A repair is any reconstruction or restoration of an existing structure that is deteriorated or damaged.
  - o Example: Repairing a rafter that deteriorated due to rot.
- If you mark paperwork as a “repair” inspection, please include details regarding:
  - o what work you did
  - o where the work is located
  - o how many were repaired and
  - o why the repair was necessary.
    - Example: rot, deterioration.
    - three rafters on front right side
- An alteration is any modification that physically changes the exterior portion of a structure without increasing its square footage.
  - o Example: Replacing siding or any exterior opening, including doors, windows, garage doors, windows, skylights, or windborne debris protection.
  - o Replacing 15 windows
    - five on the right side
    - five on the front side
    - five on the left side.

All TDI phone numbers will be changing soon. Please look for updates in the near future.

#### 2014 By the Numbers

WPI-1s received:  
**15,180**

WPI-2s received:  
**12,940**

WPI-8s issued:  
**11,541**

Number of appointed engineers:  
**253**

As of June 6, 2014

#### Aluminum Screen Enclosures

Screen enclosures are complex structures and have gained popularity in parts of the country and coastal areas, such as the Texas Gulf Coast. Several years ago, a wind tunnel investigation was performed on aluminum screen enclosures. A study titled “Wind Loads on Screen Enclosures” published the results of this investigation. The investigation also resulted in the inclusion of Table AH107.4(1) into Appendix H of the International Residential Code (IRC). Please see our webpage regarding the application of wind loads on aluminum screen enclosures.

<http://www.tdi.texas.gov/wind/educate.html>

#### Want to review a previous edition of the newsletter?

TDI publishes all newsletters on our website.

You can find all newsletters at:

[http://www.tdi.texas.gov/wind/Engineering\\_Windstor.html](http://www.tdi.texas.gov/wind/Engineering_Windstor.html)

#### Contact TDI

**Windstorm Inspections Program**

[windstorm@tdi.texas.gov](mailto:windstorm@tdi.texas.gov)

800-248-6032

**Engineering Services Program**

[engineering@tdi.texas.gov](mailto:engineering@tdi.texas.gov)

512-322-2212

[www.tdi.texas.gov/wind/](http://www.tdi.texas.gov/wind/)

#### Upcoming State Holidays

June 19, 2014 – Emancipation Day – TDI will have limited staff

July 4, 2014 – Independence Day – TDI will be closed