



TECHNICAL PRESENTATION

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2020 TDI Windstorm Program Changes and Adoption of 2018 ICC Codes

Presented by [Mr. Ken Sherman, P.E.](#),
with [RCI Engineering Inc.](#)

BIO: A licensed professional engineer in Texas, Ken Sherman is an Appointed Qualified Inspector (AQI) for the Texas Department of Insurance, a Special Inspector for the City of San Antonio, and President of RCI Engineering, Inc. He has over 25 years in refining and production of oil and gas in the regions of East

Texas, Wyoming, Colorado, Alaska, West Texas, and New Mexico, and more than 30 years in high-wind design and inspections of residential and commercial buildings along the Texas Gulf Coast. Mr. Sherman is a member of the FPA Structural Committee and the subcommittee for FPA-SC-23-HH, Crawl Spaces. Additionally, he is the co-author of FPA-SC-21-0, Quality Control Checklists for Windstorm Design and Construction Reviews of Building.

ABSTRACT: In 2020, the Texas Department of Insurance adopted the 2018 editions of the ICC codes, the ASCE 7-16, and made changes to the windstorm program. The adoption of the 2018 codes has significant impacts on the determination of wind speeds and wind loads versus the previously used 2006 ICC codes. Some of the code items of interest to TDI are foundation design requirements, decks, roofing, windborne debris protection, and construction documents. The TDI changes in the Windstorm Inspections program are in regard to their forms, the entry of information through the AQI's dashboard, inspection documentation, use of LRFD loads vs. ASD, and other subjects. These code and program changes are of interest to building design engineers and windstorm engineers since they impact the building designs that will be acceptable to TDI for issuance of the Form WPI-8, Certificate of Compliance.

PREVIOUS FPA PRESENTATIONS BY MR. SHERMAN:

[August 2018—Quality Control Checklists for Windstorm Design and Construction Reviews of Buildings](#)

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