

ASCE 7-16 Training For Roofing Professionals

On December 31, 2020, ASCE 7-16 becomes law by adoption into the 2020 Florida Building Code. The implementation of the standard introduces substantial increases in design pressures for buildings 60' and below. This will significantly affect low slope and steep slope roofing systems. New roof zones and their dimensions will also be confusing. The increase in design pressures and the impact on roof component and cladding systems is the most controversial and least understood part of adopting the new ASCE 7-16 standard. The higher external pressure coefficients may be expected to increase the cost of roofing, roofing materials and roof repairs.

ASCE 7-16 contains important changes from the current wind design standard ASCE 7-10, particularly in the areas of wind design for buildings 60 feet in height and below. New elevated pressure zones and how their dimensions will be determined, and the necessary increased number of fasteners will impact roof system selection and costs associated with installation.

Those equipped with an understanding of the coming changes will be better positioned to anticipate necessary bid document enhancements and make a smoother transition to achieve code compliance.

Turnkey Roof Consulting, Incorporated is pleased to provide education seminars explaining the significant differences between ASCE 7-10 and ASCE 7-16. Information will be provided to assist stakeholders in determining how the changes will impact roof system design selection and costs.

The seminar can be tailored to meet a specific roof system category or specific area of interest and will discuss significant roof related changes between the 2010 and the 2016 editions of the ASCE 7 standard. The emphasis will be on conveying an increased level of understanding for roofing professionals and can include:

- HVHZ Significant Code Modifications
- Significant difference between ASCE 7-10 and 7-16
- An examination of increased wind design pressures
- Roof elevated pressure zones
- Establishing elevated pressure zone dimensions
- Establishing which elevated pressure zones are present
- Roofing Application Standards (RAS) 117, 127, 128, and 137
- Mechanically fastened roof system comparisons and system value decisions
- Steep slope roofing design pressure comparisons
- Steep slope roof system elevated pressure zones
- Steep slope roof system selection

For further class scheduling and cost options use contact information, below: