

TAREI 2014 Spring Conference

April 4-5, 2014

San Antonio, TX

Location:

Courtyard by Marriott SeaWorld Westover Hills

11605 State Hwy. 151, San Antonio , TX 78251

www.marriott.com/satcw

AGENDA

Saturday, April 4

TRACK 1

8:00 a.m - 12:00 p.m.

Roofing – Don Fry (4 hrs)

This presentation is ideal for home inspectors as it will cover various types of roof systems and proper installation. Qualified roofing professionals will discuss important topics such as: good roofing practices, flashing details, most common mistakes when installing composition shingle roofs, and basic installation of tile roofing. Put yourself in a better position to offer a sound opinion on the next roof you inspect.

OR

TRACK 2

8:00 a.m. – 10:00 a.m.

Solar and Code Updates –

Charles Kirk Hill Electric (2 hrs)

Electrical and Safety Hazards of Photovoltaic systems and 2014 NEC Update. This course provides a general knowledge about the installation of photovoltaic systems. These systems are beginning to make significant inroads into the residential markets

10:00 a.m. – 12:00 p.m.

Brick Veneer – John Swink (2 hrs)

A very popular form of exterior wall covering in residential construction is brick veneer. The proper design, detailing and construction of anchored brick veneer walls ensure that they function as complete systems. It is important to understand that the failure of any part of the system, whether in design or construction, can result in improper performance of the entire

system. The presentation will focus on brick veneer installation such as: the anchoring system (wall ties); moisture control; flashing; air gaps; weep holes; and water resistive barriers.

THEN

General Session

1:00 p.m. - 5:00 p.m.

Electrical Bonding and Grounding (4 hrs)

This presentation will focus on Grounding and Bonding which are important parts of an electrical installation. Understanding the difference between Grounding and Bonding will help inspectors properly apply the NEC rules and TREC Standards of Practice. Attendees will learn the purpose of grounding and bonding, how it works, and the requirements.

BONUS!!!

5:15 – 5:45 – A roundtable discussion about TREC and education approval

Saturday, April 5, 2014

General Session

8:00 a.m. - 10:00 a.m.

Texas State Fire Marshal Representative to discuss CSST (2 hrs)

Kelley Stalder, PE, CFEI, LP

You are in for a treat! With all of the recent concerns surrounding CSST, TAREI has asked the State Fire Marshall's Office to give their take on the product. Mr. Stalder will give the history of CSST, explain how CSST got into the market, what issues are associated with CSST as well as suggestions from the State Fire Marshal's office to mitigate problems with CSST.

10:00 a.m. - 12:00 p.m.

Gastite Representative – CSST (2 hrs)

Corrugated Stainless Steel Tubing for Residential Inspectors

Properly bonding and grounding the Corrugated Stainless Steel Tubing (CSST) System may reduce the risk of damage and fire from a lightning strike. Lightning is a highly destructive force. Even a nearby lightning strike that does not strike a structure directly can cause systems in the structure to become electrically energized. Differences in potential between systems may cause the charge to arc between systems. Such arcing can cause damage to CSST, including holes. Bonding and grounding should reduce the risk of arcing and related damage. As an inspector, are you going to confirm that the CSST gas system is properly bonded to the grounding electrode system? This presentation will focus on proper installation of CSST fuel gas-piping.

1:00 p.m. - 3:00 p.m.

CSST Postmortem (2 hrs)

postmortem

pōs(t)-mōr-tēm *noun*: a discussion or analysis of something (such as an event) after it has ended. We've reviewed bonding/grounding, we've heard from the Texas State Fire Marshal's office, and we've heard from a Gastite representative. What does it all mean? During this session, we will restate the CSST issues after hearing from authorities in the field. This will be an interactive experience. The goal with this session is to analysis what we've learned and for the attendees to have confidence when inspecting CSST.

3:00 p.m. - 5:00 p.m.

Plumbing - Drains, Vents, Sewer Line VIDEOS (2 hrs)

Ever wonder how a "plumber" would inspect a residence? This presentation will focus on the drain, waste, and vent system; air admittance valves; island sink vent loops; typical defects in plumbing; typical problems in gas piping and valves; and water pressure/PRV's/expansion tanks. Additionally, we will discuss drain & sewer video inspections.