

Venting & Combustion Air

BPI CEU's: 3.25

Prerequisites: None

Description:

For proper and predictable operation, the importance of having a combustion appliance vent system that is “at least” code cannot be understated. This one-day class is intended to provide guidance in navigating the National Fire Protection Association (NFPA-54) vent sizing tables and the rules associated with using them. Aspects of visual inspection of vent systems for determination of proper venting material and size will be assessed, along with installation concerns. Chimneys and “orphaned” water heaters will be included in this discussion. Class exercises will test your skills in properly sizing vents and vent connectors for Category 1 combustion appliances.

Having the proper amount of combustion air in the combustion appliance zone (CAZ) is critical to the safe operation and proper venting of combustion appliances. This class will include a review of combustion air requirements and NFPA approved resolutions to address deficiencies and engineered combustion air devices. Class exercises will test your skills in combustion air calculations.

Learning objectives:

By attending this session, participants will be able to:

- Provide a basic visual inspection of existing vent systems
- Follow NFPA 54 guidelines to properly size vents and vent connectors
- Review installation concerns
- Calculate combustion air requirements
- Provide Code directed guidance for resolution of problems