



H C Fennell Consulting, LLC

Applied Foam Technologies and Commissioning

Safety - Design Practices for Foamed Plastics

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Course Description

This program introduces guidelines for the design of safe installations of field-applied foamed plastic products in specific project applications. It highlights the importance of addressing safety issues in the project specifications and the design of specific building locations and areas of use. The safety concerns discussed include installer protection, occupant protection, air quality management, combustion appliance safety, and fire protection. Case studies, sample project specifications, and building details are used to demonstrate these code and industry standards requirements.

This PowerPoint presentation is supplemented with related handouts and an exhibition of safety and fire protection products.

Learning Objectives:

1. Participants will be able to select, specify and detail the correct thermal or ignition barrier and/or methods required to protect polyurethane foam products used in their future projects.
2. Participants will be able to specify a comprehensive set of submittals that will assure a safe installation of foamed plastic products in their future projects.
3. Participants will be able to cite the standards that govern the safe installation and site protection related to foamed plastics in their future projects.
4. Participants will be able to specify air quality management and testing protocols necessary to guarantee the air quality of their future projects during and after the installation of polyurethane foam.
5. Participants will be able to detail fire protection requirements for common construction details and locations.
6. Participants will be able to guarantee the combustion appliance safety of their future projects.