



Safety - Best Practices for Foam Plastic Installations

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Course Description

This program introduces guidelines for the safe installation of field-applied foam plastic products in specific project applications. In addition to an overview of guidelines for safety and personal protection for the installers during the installation, it emphasizes the importance of addressing site and occupant protection, air quality management, re-occupancy timing, and combustion appliance safety. It also addresses how safety, fire protection, and contractor requirements should be considered in the project specifications and designs for specific building locations and areas of use. Case studies and sample project documentation, specifications, and details are used to demonstrate industry-standard contractor and site protection requirements and best practices.

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

Learning Objectives:

1. Participants will be able to cite the standards that govern the safe installation and site protection related to foam plastic in their future projects.
2. Participants will be able to identify the environmental issues and safety precautions related to MDI exposure.
3. Participants will be able to evaluate OSHA-required written safety plans required of the installers in their projects.
4. Participants will be able to plan how to protect occupants of the work zone and the adjacent building areas.
5. 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.
6. Participants will be able to avoid typical causes of air quality problems during and after
7. Participants will be able to cite a maximum MDI level to achieve when determining re-occupancy.
8. Participants will be able to test the site for MDI levels during and after a foam installation.
9. Participants will be able to identify fire protection requirements for common construction details and locations.
10. Participants will be able to select, specify, and detail the correct thermal or ignition barrier and/or methods required to protect polyurethane foam products in all areas of their future projects.

11. Participants will be able to specify a comprehensive set of submittals that will help assure a safe installation of foam plastic products in their future projects.
 12. Participants will be able to assure the combustion appliance safety of their future projects.
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