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## **Spears® FlameGuard® CPVC Inspector/Plan Check Training Class**

Spears® produces CPVC pipe and fittings under the FlameGuard® trade name. From the beginning, Spears® has insisted that installing contractors be adequately trained in the proper installation of these products. To that end, Spears® personnel have conducted thousands of classes for sprinkler fitters across the country, and around the globe. Installers are issued training ID cards recognizing their participation and successful completion of these classes. “Authorities Having Jurisdiction” (AHJ) have come to acknowledge the value of this training and frequently require installers be able to verify their training by producing these cards on jobsites.

Spears® also offers free training to “Authorities Having Jurisdiction” to address CPVC Fire Sprinkler Systems Field Inspection and Plan Checking. With advanced notice technical representatives are available to schedule classes at the AHJ’s facility. A phone call to Spears® Technical Services Department is all that’s needed. While there are no recognized industry requirements, Spears® has always recommended refresher training every two years to review possible changes in codes, new products, methods, etc.

This class will last approximately 3 hours and provide the attendees with the opportunity to learn the proper Inspection, Plan Checking, Testing, Handling and Installation of CPVC fire sprinkler pipe, fittings and valves. It will review the Listing and Approval applications while addressing key points of the Spears® Manufacturing FlameGuard® FG-3 CPVC Fire Sprinkler Products Installation Guide. The program will also include discussions on the related codes and standards NFPA 13, 13D and 13R governing the installation of residential and light hazard fire sprinkler systems.

Some of the key topics that will be discussed include:

1. Cure Times of new, cut-in and repair installations
2. Solvent Cement & Sprinkler Obstruction Inspection Issues
3. Hanging & support spacing and methods
4. Earthquake / Seismic Bracing requirements
5. Hydrostatic and Air testing of CPVC systems
6. Expansion and Contraction Issues
7. Special Installations – Attics, Interstitial Spaces, Basements, Garages & Underground
8. Freeze Protection - Anti-Freeze, Dry and Pre-Action Systems
9. Bending and Deflection of CPVC Pipe
10. Incompatibility Issues
11. Approved Compatible Products

During the presentation and depending on time allowed, attendees may receive hands-on training in the cutting, prepping and solvent cementing of CPVC pipe and fittings.

With the successful completion of the class, attendees will be issued a wallet card confirming their training. This card is valid for 2 years and documents their attendance in a CPVC training class. They’ll also receive a copy of the “Spears® FlameGuard® FG-3 Installation Instructions” and a copy of the “FlameGuard® Recommended Practices and Precautions Do’s and Don’ts Guide”.

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