



FIRE PROTECTION NEWS

City of Madison Fire Department - Fire Prevention Division
Volume 3 – Issue 3

In This Issue

Meet
Ann Blackdeer

A Note from
the Engineer on
Air Testing CPVC
Pipe

Important
Reminders



Meet Ann Blackdeer

Ann Blackdeer joined the Madison Fire Department in 2007 as an Administrative Clerk and works primarily with the Fire Prevention Division. Ann brought with her 20 years of experience working as an office professional.

One of Ann's primary responsibilities is managing the administrative piece of the plan review process for fire protection system work permits. Ann conducts the initial review of each submittal, collects the fees, and assigns the project for plan review. Ann works closely with applicants to ensure that their submittals are complete. Ann also provides support to the Fire Inspectors, Community

Education Officers, the Fire Marshal and the City's Emergency Management Staff Team.

Outside of work, Ann enjoys camping, being a swim mom, and cheering on the Brewers (in good times and bad!).

A Note From the Engineer

By Bill Sullivan

Air Testing CPVC Pipe is a Big NO, NO!

I understand that in the past, sprinkler contractors have been applying NFPA 13.24.2.1.3 to conduct air tests in buildings where adequate heat (40° F) is not provided at that stage of construction. While this is permissible for steel pipe, it is not acceptable for CPVC pipe.

The two main concerns are safety and product listing.

Safety – When CPVC pipe is pressurized with air, piping failures result in shattered pipe shards and even projectile fitting, creating a significant hazard to all personnel in the building.



Listing – CPVC pipe manufacturers specifically prescribe that air should not be used to test the system and that all air needs to be bled from the system prior to testing with water. Failing to comply with this requirement may void the manufacturer's warranty.

Using unsafe work practices is asking for trouble from your insurance carriers, as well as OSHA.

Madison Fire Department personnel will not witness air tests conducted on CPVC pipe and will not allow CPVC pipe to be covered up until the system passes a hydrostatic pressure test. Adjust your construction schedule or the means and methods accordingly.

Address

Madison Fire Department
325 W. Johnson Street
Madison, WI 53703-2295
www.madisonfire.org

Office Hours

Monday – Friday
8:00 AM – 4:30 PM

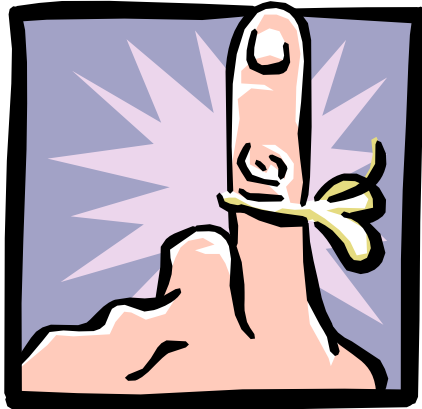
Contact

Bill Sullivan (608) 261-9658
Fire Administration (608) 266-4420
Inspection Scheduling (608) 266-4484
Fax (608) 267-1153

Reminders

Call before you test!

Always call the fire alarm monitoring company before doing any work or testing on a fire protection system. Madison Fire Department responds almost daily to buildings where owners or contractors are working on or testing their systems. Do not assume someone else has called in or that the alarm bypass has been activated.



Smoke Alarms

August 15th is quickly approaching. Please check your residential properties or your customers' properties to ensure all smoke alarms are in compliance with the Madison General Ordinance (MGO) 34.42. Please visit our website for additional information: www.madisonfire.org

In House Quality Control

The number of plan review holds is on the rise. Every time one of your projects goes on hold, it delays your project as well as others'. The troubling part about this increase is the fact that most are repeat customers. Take the time to have someone else review your plans and submittals before sending them to Madison Fire Department.

Heads up! Be sure you have IFC 2009

MGO 34.01(14) adopts the most current edition, and any subsequent editions are adopted by reference and made a part hereof. The 2009 edition of the IFC has been published, released and in our hands since March 2009. Therefore, all projects that do not have all of their approvals should be referencing and designed to the 2009 edition of the IFC.

American-Darling: Product Alert



Hydrant operating rod and grease in each model B-84-B, B-62-B, B-50-B, and MK-73 hydrant bearing cast dates from 1999 through 2003 must be replaced.

Contact American Flow Control at 800-326-7082 or visit www.acipco.com.

If you wish to receive future issues of *Fire Protection News* electronically (or require any other changes to the mailing list), please contact Ann Blackdeer at ablackdeer@cityofmadison.com or (608) 261-9690. Please include your name, company, and e-mail address.