

June 2018 NFCA E-NEWS

NFCA Safety Tip of the Month - Hose Whip Checks



Hose whip checks are small devices that secure two pressurized hoses and prevent them from blowing apart at the hose connection, should the connection fail while pressurized. A quote from the website of Chicago Coupling, one of many manufacturers of these devices, states it very clearly "in our years of experience, the item most often ordered with urgent delivery are *hose safety whip checks and nylon hose whip restraints*." It is no wonder based on how many agencies and organizations require their use. Various agencies word their regulations differently, but primarily they all come to the same requirement - If a hose connection is pressurized, and can cause a hazardous condition, you must install a hose safety restraint.

- **OSHA 29 CFR 1926.603 paragraph (a)(10):** Safety chains, or equivalent means, shall be provided for each hose connection to prevent the line from thrashing around in case the coupling becomes disconnected. This falls under pile driving equipment, but can also be used as an example for hoses conveying other pressurized fluids or gases.
- **US Army Corps of Engineers:** 13.G.02 Connections and nozzles shall be designed to prevent accidental disengagement. All connections shall be equipped with safety lashings. 20.A.17 Connections with high pressure hoses must be secured with a safety lashing/whip check.
- **Canadian Centre for Occupational Health & Safety:** Make sure hose connections fit properly and are equipped with a mechanical means of securing the connections (e.g., chain, wire, or positive locking device).
- **US Bureau of Reclamation 17.2.2 Air Hoses:** for air lines more than one-half inch inside diameter, provide whip-check devices attached to the hose at each connection or splice. As a substitute, provide a safety device at the source of supply or branch line that will automatically reduce pressure in case of a line failure if the device effectively prevents whipping.

June is National Safety Month and I hope this one small safety tip will make us all realize how important this month can be to re-evaluating our safety programs! It is my pleasure to submit the first of what should be many safety tips and reminders from our entire NFCA Membership about how important and what a major concern safety should be to all of us!

Respectfully submitted by John V. Taglienti, East Coast Fireproofing Co., Walpole, MA



NFCA Safety Tip of the Month Program is being launched to give NFCA Contractors the opportunity to share and learn safety actions being used on job sites that work and contribute to job site safety.

Email NFCA a safety issue you had and how it was solved. NFCA will choose one "Safety Tip of the Month" to share in the NFCA Enews. **Win a NFCA Shirt if your safety tip is chosen!** All employees of NFCA Contractor Members are eligible to participate. Email your "Safety Tip of the Month" to Sandy@nfca-online.org.

New UL Announcement

UL's Fred Hervey, Global Business Manager, and Luke Woods, Primary Development Engineer, recently communicated with those companies that have fireproofing listings that Foam Plastic Insulation has not been evaluated for performance over SFRM or IFRM Fireproofing. Check out the letter at [NFCA's Technical Resources Section](#).

NFCA Leaders at AISC Innovations Meeting

NFCA's President **Jon Wohl**, **Wohl Diversified Services, Inc.**, and Vice President **Martin Rodriguez**, **Martin Bros.**, provided fireproofing industry input at this special meeting. The American Institute of Steel Construction (AISC) heard from the industry that NFCA stands ready to promote fire-safe buildings made from steel with the organization. Included in discussions were leaders from AISC, NFPA, and other key organizations. Thanks Jon and Martin for representing NFCA.

NFCA ICC Code Proposals Status

NFCA did quite well at the **ICC's Code Action Committee Hearings** held late April in Columbus, OH. Code Proposals are numbered by discipline (FS=Fire Safety, G=General, S=Structural, etc.) and in a complete monograph, available at www.ICCSafe.org, under the code development section. A report about the NFCA and other interesting proposals is below:

In **FS10**, the change attempted to change the words Intumescent Fire-Resistant Coatings to Intumescent Fire-Resistant Materials (IFRM's) in Chapter 2 of the International Building Code (IBC). The proposal also added in Chapter 7 a section on IFRM's. It was **DISAPPROVED** as the section needs more refinement to reflect the unique needs of IFRM. The 8-6 vote was pretty good, considering we were putting in a completely new section.

In **Chapter 17, Fireproofing Special Inspection**, all four proposals **S14, S15, and S16** by the NFCA were **APPROVED AS SUBMITTED**. The proposals changed the Chapter 17, Special Inspection code requirements from 'inspect after rough installation of mechanical, electrical and plumbing' to a process that reflects how inspection is currently performed. The new language approved by the ICC's Code Action Committee has special inspections occurring during construction, before the fireproofing is concealed and states that an additional visual inspection takes place before the ceilings are installed. NFCA's Proposal **S19** did the same thing for the IFRM Inspections.

Another proposal, **S16, APPROVED AS SUBMITTED**, added a **maximum level of inspection** (110% of that specified in the standards). The proposal did not limit inspections when violations occur, as is specified in the fireproofing inspection standards.

Finally, the NFCA also submitted a section to the **International Fire Code (IFC)** specifically for SFRM and IFRM Fireproofing as well. This new section was **DISAPPROVED** but had great support from the code committee and statements that this is a good addition to the code. The IFC governs existing buildings.

Of interest, was **FS1**, regarding the language in 703.2 on fire-resistance ratings. This proposal that was **APPROVED AS MODIFIED**, adds a section and now clearly states that the building elements need to pass ASTM E 119, UL 263 tests without an 'assist' from a sprinkler assembly.

ICC's Report on the Hearings is due out shortly. Then, Public Comments are due July 16. A Public Comment Monograph is published in late August, early September, and heard at the hearings October 24-31, Richmond, VA. The online governmental consensus finishes sometime in December, resulting in publication of the codes in mid-2019. Watch future issues of NFCA's Enews and also *Life*

Congratulations & Welcome

Congratulations to the following NFCA Contractor Members for becoming **NFCA IFRM And SFRM Accredited Contractors**:

Ener-Spray Pacific, Port Coquitiam, BC

Isam Kabbani & Partners for Construction & Maintenance - CRES Division, Jeddah, Saudi Arabia

Olympic Companies, Inc., Waukesha, WI

NFCA **Welcomes Plasterers' Local 200**, Pomona, CA as a NFCA Associate Member.

NFCA Membership total is a new record at 141 companies, made up of 111 Contractor Locations, 22 Associate Members and 8 Manufacturer Suppliers.

Not a member? Join today! [Click here for Membership Information.](#)

NFCA Shirts for Sale - NFCA Members Only

NFCA Fine Jacquard Polo Shirts for Men & Women. Lightweight and breathable with moisture wicking performance. 3.8 oz, 100% polyester with double needle stitching. Available in Black, White and Smoke Grey. Available to NFCA Members Only for \$32 each + shipping. [Click here for order form with complete details.](#)

