

Fire Safety Message



NY FIRE
SAFETY INSTITUTE

NY FIRE
CONSULTANTS, INC.



www.nyfiresafe.com

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July 2018

STANDPIPES & SPRINKLERS Color Coding Piping and Valve Handles

All exposed standpipes and sprinkler piping must be painted red. The law outlines specific exceptions, such as sprinkler horizontal branch piping. All buildings - no matter the size or occupancy - must comply with these new requirements.

Color Coding Certification

Buildings Under Construction

The special inspector will confirm compliance before the walls are enclosed.

Existing Buildings

Owners of buildings with exposed sprinkler piping and standpipes must comply and hire one of four types of contractors to certify the color coding:

- Licensed master plumbers;
- Licensed master fire suppression piping contractors;
- Registered design professionals; or
- People with the appropriate Fire Department Certificate of Fitness.

Non-Fire
One Day Class
August 15, 2018

Proof of Color Coding Certification

The color coding certification must be kept on the premises at all times for Buildings and Fire Department inspection. (See Page 5)

Next
Non-Fire class
August 23rd 28th

Penalty for failing to comply with the painting requirements

Failure to comply with the painting requirements may result in the following violations:

- 1) Failure to properly paint the standpipe or sprinkler systems.

This violation is a Class 2 violation that carries a minimum penalty of \$1,600.

- 2) Failure to produce a Certificate of Compliance with Color-Coding Form. This is a Class 2 violation that carries a minimum penalty of \$500.

Painting Requirements for Standpipe and Sprinkler System Components

	System Component	Painting Required?
System Piping	<u>Riser:</u> A vertical supply pipe connecting the overhead piping system to the underground supply. Secondary risers may be vertical supply pipes to penthouses, shafts, and the like.	YES
	<u>Cross Connection:</u> Any connection between the risers (if there are more than one) and the riser(s) and fire department connections	YES
	<u>Standpipe Feed Main:</u> The pipe supplying cross connections, either directly or through risers.	YES
	<u>Horizontal Branch line:</u> The piping, fed by the Cross Main, into which the sprinklers heads are fitted	NO (see figure 1, 2 & 3)
	<u>Cross Main:</u> The pipe that is connected to and feeds the Branch Lines, and is in turn fed by a Feed Main or Riser.	NO (see figure 1, 2 & 3)
	<u>Sprinkler Feed Main:</u> (Bulk Run or Supply Main) The horizontal pipe that connects: water supply to sprinkler riser; sprinkler riser to another sprinkler riser; sprinkler riser to cross main; and cross main to another cross main.	NO
Valve Handles	<u>Riser Control Valve Handle:</u> Sprinkler and standpipe riser control valve permit isolating a riser without interrupting the supply to other risers from the same source of supply.	YES
	<u>Section Control Valve Handle:</u> Sprinkler and standpipe section control valve permit isolating a riser within a section without interrupting the supply to other risers from the same source of supply.	YES
	<u>Gate Valve Handle:</u> Sprinkler and standpipe valve indicating valve employed to control (open/close) the supply of water to a sprinkler system.	YES
	<u>Floor Control Valve Handle:</u> Sprinkler and standpipe valve that isolates a riser on a floor without interrupting the supply to other risers from the same source of supply.	YES
	<u>Valve Handle Serving Gravity Tank:</u> Valves supplying gravity tanks	YES
	<u>Hose Valve Handle:</u> A valve that controls the water pressure to the fire hose located at the standpipe fire hose station	NO (see figure 4)
	<u>Pressure Control Valve Handle:</u> A valve that controls the pressure in the system	NO
	<u>Pressure-Reducing Valve Handle:</u> A valve that deduces the pressure in the system	NO
	<u>Test Valve Handle:</u> A valve use for testing the system	NO
	<u>Drain Valve Handle:</u> A valve used to drain water from the system	NO

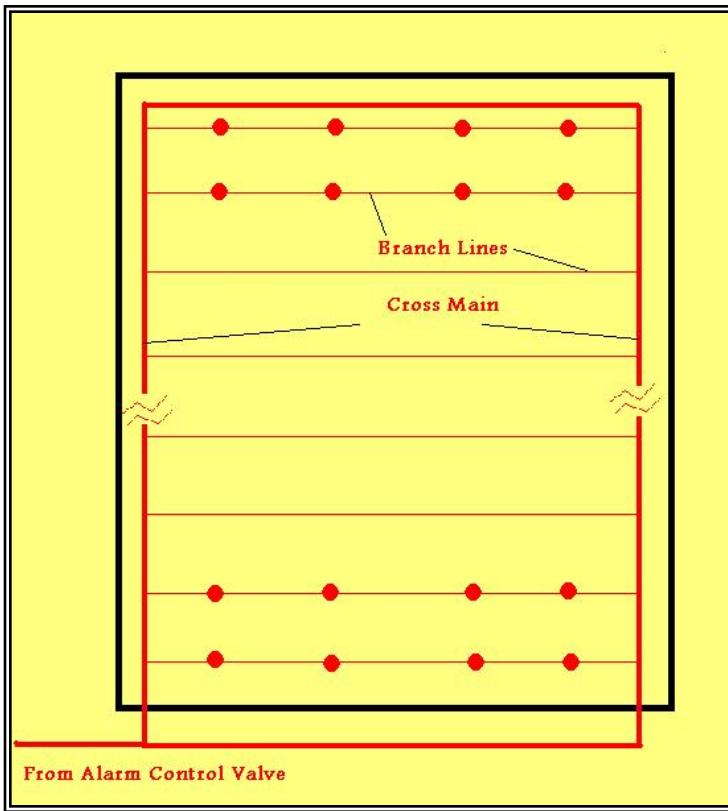


Figure 1

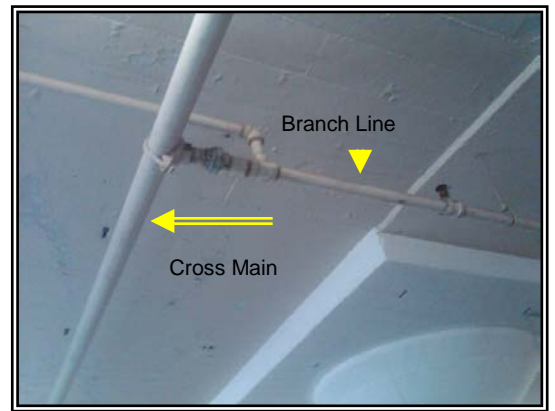


Figure 2)

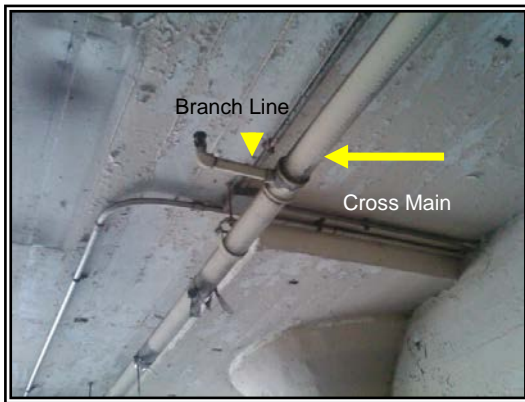


Figure 3

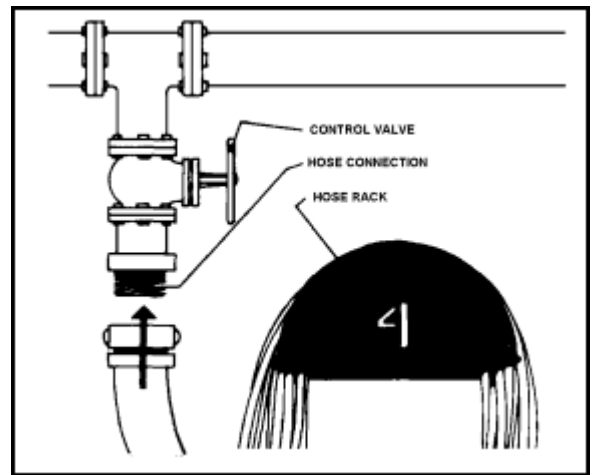
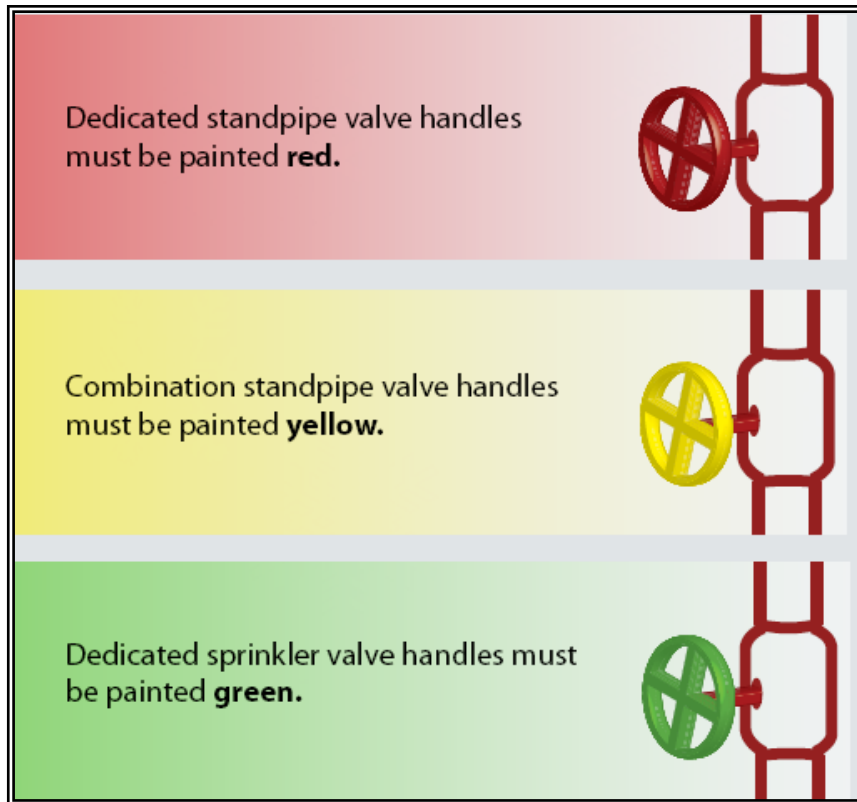


Figure 4

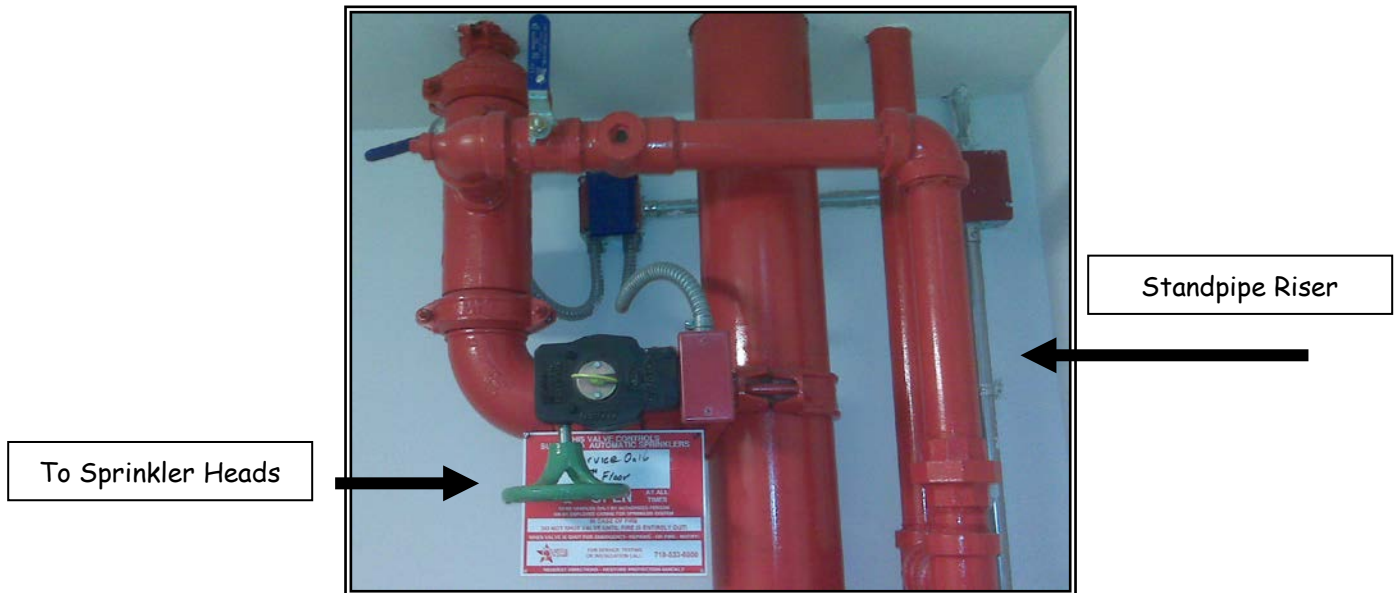
Next
Fire Class
Starts Aug. 2nd

Next
Active Shooter class
August 30, 2018

Next Saturday
Fire Class
Starts Sept 8th



Sprinkler System Off the Standpipe System (Combination System)



Where a standpipe system that is used as a combination standpipe and sprinkler system, the sprinkler risers and cross connections that are also used for the standpipe system shall be painted red, and the handles of valves serving such combination standpipe and sprinkler system shall be painted yellow. Sprinkler valves off the Standpipe System that only serve the Sprinkler portion of the system should be painted GREEN



**CERTIFICATION OF COMPLIANCE WITH COLOR CODING OF EX-
POSED STANDPIPE/SPRINKLER PIPING AND HANDLES IN EXISTING
BUILDINGS PURSUANT TO SECTIONS BC 903 AND 905 (LOCAL LAW
58/09) OF THE NEW YORK CITY BUILDING CODE**



This form shall be completed by either a licensed master plumber, licensed master fire suppression piping contractor, NYS registered architect, NYS registered professional engineer or a holder of a FDNY certificate of fitness in the operation and/or maintenance of a standpipe and/or sprinkler system.

Location of Building

House Number: _____ Street Name: _____
 Borough: _____ City: _____ State: _____ ZIP Code: _____
 Apartment(s): _____

CERTIFIER SHOULD COMPLETE 1 OR 2 AS APPROPRIATE

1. Professional Engineer, Registered Architect, Master Plumber, Fire Suppression Contractor

Last Name: _____ First Name: _____ MI: _____
 Business Name: _____ Business Phone: () _____
 Address: _____ City: _____ State: _____ ZIP: _____
 License Number: _____ *Indicate License Type Below (select only one)*
 NYS Registered Professional Engineer
 NYS Registered Architect
 Master Plumber
 Fire Suppression Contractor

I certify that all the exposed standpipe and sprinkler piping and handles have been painted as required by Sections BC 903 and 905.



Signature _____ Date _____

2. FDNY Certificate of Fitness Holder

Last Name: _____ First Name: _____ MI: _____
 Business Name: _____ Business Phone: () _____
 Address: _____ City: _____ State: _____ ZIP: _____
 Fire Department Certificate of Fitness Number: _____

I certify that all the exposed standpipe and sprinkler piping and handles have been painted as required by Sections BC 903 and 905.

Signature _____ Date _____ Notary _____

This certificate must be maintained on the premises and made available for inspection by the New York City Department of Buildings and the New York City Fire Department.

Holders of the following Fire Department Certificates can certify:

Examination F-95

F-95 Residential Sprinkler Systems off City Main/Domestic Water

Examination F-96

F-15 Standpipe Systems with Pressure Tanks

F-23 Sprinkler Systems with Pressure Tanks

F-48 Sprinkler Systems with Pressure Tanks Complex-wide

Examination F-97

F12 - Standpipe Systems with Fire Pumps and Gravity Tanks

F14 - Standpipe Systems with Fire Pumps

F21 - Sprinkler Systems with Fire Pumps

F49 - Sprinkler Systems with Fire Pumps Complex-Wide

Examination F-98

F-10 Standpipe Systems with Gravity Tank

F-18 Sprinkler Systems with Gravity Tank

F-47 Sprinkler Systems with Gravity Tank Complex-Wide

Examination F-99

F-09 Dry Standpipe Systems

F-11 Standpipe Systems with City Mains

F-16 Yard Hydrant System

F-17 Sprinkler Systems with City Mains

F-20 Automatic dry Sprinkler System

F-46 Sprinkler Systems with City Mains Complex-Wide

Examination H-01

H-01 Supervision of Sprinkler and Standpipe Systems Citywide – NYCHA Pilot Program

Examination W-12

W-12 Citywide Sprinkler Systems Maintenance

Examination Z-00

Z-00 Generic Standpipe/Sprinkler Systems – No employment address

FIRE LIFE SAFETY DIRECTOR (FLSD)

The Fire Safety Directors, Emergency Action Plan Director and Active Shooter/Medical Emergency courses have been combined into one course made up into three components. This Fire & Life Safety Directors (FLSD) course is covered in three Components

- (1) Fire Safety Components,
- (2) Non-Fire Components and
- (3) Active Shooter/Medical Emergencies Components.



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