

Fire Hose Rack Inspection Guidelines

Always follow manufacturer's instructions and recommendations for inspection of equipment. These Guidelines contain general information to assist in the inspection of fire hose racks. Additional precautions may be necessary depending on the specific application and applicable laws, regulations, codes, and insurance requirements.

FIRE HOSE CABINET

1. **Check:** For broken, cloudy or cracked glazing.
Action Required: Replace glass or acrylic.
2. **Check:** To see if cabinet is properly identified and easily accessible.
Action Required: Install or replace "Fire Hose" or "Fire Extinguisher" Decal(s). Remove any obstructions not related to fire protection. Relocate cabinet if necessary.
3. **Check:** Overall condition of cabinet metal.
Action Required: Repair or replace corroded or damaged parts, or replace entire cabinet.
4. **Check:** If cabinet is break glass style, assure the lock is functioning properly, and that the break glass striking device is attached, along with the appropriate break glass instruction decal.
Action Required: Repair or replace lock, apply appropriate decal, and replace glass breaker and chain.
5. **Check:** To see if cabinet door (if provided) will open 180 degrees.
Action Required: Remove any material that is preventing this operation.
6. **Check:** Be sure that all valves, hose, nozzles, fire extinguishers, etc. are easily accessible for prompt use during an emergency.
Action Required: Remove from cabinet any material not related to fire protection. Inspect contents per applicable NFPA Standard.

STEEL HOSE RACK

1. **Check:** Be sure all folds of hose are correctly placed over the pins, inside the hose rack.
Action Required: Inspect & Re-rack the hose.
2. **Check:** Be sure that nozzle clip is in place and nozzle correctly contained and mounted.
Action Required: Repair or Replace clip if necessary.
3. **Check:** If rack is semi-automatic type (*one man operation*), is hose properly installed on pins and held by retaining device?
Action Required: Inspect & Re-rack properly.

4. **Check:** Be sure that fire hose rack will swing out of cabinet, if enclosed, at least 90 degrees.
Action Required: Remove any material that is preventing this operation or not related to fire protection.

ANGLE HOSE VALVE

1. **Check:** Is handwheel proper size and attached to the valve?
Action Required: Replace or re-attach if necessary.
2. **Check:** Is water supplied to the valve? Is it leaking?
Action Required: Repair or replace. (CAUTION) Be careful on a “wet” system, correct shut-off valving has to be located and shut off, BEFORE removing angle hose valve from piping.

FIRE HOSE

1. **Check:** For damage to couplings, or hose section, or leakers.
Action Required: Recouple and retest.
2. **Check:** Inspect to be sure:
 - a. All hose threads are local fire department or have correct thread adapters provided.
Action Required (a): Recouple with correct hose thread couplings, retest or furnish correct hose thread adapters.
 - b. Hose threads on female swivel or male coupling are not damaged.
Action Required (b): If damaged, recouple with new couplings and retest.
 - c. Correct female hose coupling swivel gasket is in place.
Action Required (c): Replace with new gasket of proper size.
3. **Check:** Is hose connected to hose rack nipple? Check to see that the hose rack nipple is not blocked.
Action Required: Connect and remove obstruction in nipple if necessary.
4. **Check:** What is the general condition of the hose? Date of manufacture – is it a UL Listed or FM Approved hose? Has it been hydrostatically tested per the NFPA standard?
Action Required: Inspect hose. Hydrostatically test if necessary. Remove any hose found to be sub-standard, failed testing or not considered in good condition.

HOSE RACK NIPPLE

1. **Check:** To see if nipple is securely attached to angle hose valve, thru opening in the metal hose rack. Be sure nipple is clear of obstruction.
Action Required: If not, disassemble hose rack unit, and re-install nipple correctly. Clear nipple of obstruction.
2. **Check:** Inspect threads on hose end of rack nipple for damage.
Action Required: If damaged, repair or replace.

NOZZLE

1. **Check:** Is the nozzle in place and proper for the hazard involved? (NOTE) Nozzles that *could* be used on a Class “C” electrical fire must be an “ALL FOG” type nozzle.
Action Required: Replace & Install correct nozzle.
2. **Check:** Is the nozzle gasket (On the female end of the nozzle), in place and in good condition?
Action Required: Install new gasket.

Founded in 1930, the Fire Equipment Manufacturers’ Association is an international, non-profit trade association dedicated to manufacturing commercial fire protection equipment to serve as the first line of defense against fire in its early stages.

For more information and a list of current FEMA members, visit the FEMA website at www.femalifesafety.org.

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