



MOBILE FIRE - RESCUE DEPARTMENT FIRE CODE ADMINISTRATION

Stand Pipe System Acceptance Inspection

Date of Review ___/___/_____ BLD201__ - _____

Project Address: _____ Project Name: _____

Contractor's Business Name: _____ Phone: _____

Contractors Name: _____

Numbers following worksheet comments represent an NFPA code section unless otherwise specified.

Pass | Fail | NA

1. ___ | ___ | ___ Received standpipe certification from installer.
2. ___ | ___ | ___ Plans are on site.
3. ___ | ___ | ___ Location and size of standpipes and FDCs comply with the plans.
4. ___ | ___ | ___ Outlet valves are functional and hose threads in good condition.
5. ___ | ___ | ___ Roof outlets comply with the plans.
6. ___ | ___ | ___ Hydraulic calculation information sign is mounted at the system control valve.
7. ___ | ___ | ___ Underground pipe from FDC to check valve in inlet pipe is flushed before completing systems, .
8. ___ | ___ | ___ Standpipe test including yard and FDC piping: per NFPA 14 and 11.5

9. ____ | ____ | ____ A. hydrostatic test at 200 PSI for 2 hours, PSI is measured at the lowest point or B.
10. ____ | ____ | ____ B. hydrostatic test not less than 50 PSI in excess of maximum pressure; where the maximum pressure is in excess of 150 PSI.
11. ____ | ____ | ____ C. where cold weather prevents testing, an air test at 40 PSI for 24 hours shall occur with a pressure loss of only up to 1.5 PSI permitted.
12. ____ | ____ | ____ D. flow test: the hydraulically most remote standpipe will verify system design pumping through the FDC, .
13. ____ | ____ | ____ E. a flow test at each roof outlet to verify the required pressure and flow is available, .
14. ____ | ____ | ____ F. maximum flow from a 2½-in. hose connection is 250 GPM, for a 1½-in. connection it is 100 GPM, .
15. ____ | ____ | ____ Pressure regulating devices are flow tested to verify proper operation, .
16. ____ | ____ | ____ Main drain valve, if provided, is opened until system pressure stabilizes,
17. ____ | ____ | ____ No shutoff valve is in the FDC.
18. ____ | ____ | ____ Check valve is near the FDC connection to the system.
19. ____ | ____ | ____ The pipe between the FDC and the check valve has an automatic drip.
20. ____ | ____ | ____ The FDC is 18 in. to 48 in. above finish grade and signed.
21. ____ | ____ | ____ A standpipe drain is provided at the lowest point and it drains to the exterior.
22. ____ | ____ | ____ Standpipes are located in noncombustible stair enclosures or equivalent construction.
23. ____ | ____ | ____ Hose connections are readily accessible, 3 ft. to 5 ft. above the floor, and caps are tight.

24. ____ | ____ | ____ Standpipes having listed pressure-regulating devices will be flow tested to verify the PSI setting.
25. ____ | ____ | ____ Water-filled pipe exposed to freezing conditions is protected from freezing.
26. ____ | ____ | ____ All manual valves shall be fully opened, fully closed, and supervised or secured.
27. ____ | ____ | ____ Riser supports are provided at the lowest level, alternate levels and at the top.
28. ____ | ____ | ____ Connection to the water supply has a listed indicating-type valve and a check valve located close to the supply.
29. ____ | ____ | ____ Lateral runs from standpipe to the hose valve over 18 in. are provided with hangers.
30. ____ | ____ | ____ Horizontal standpipe hangers do not exceed a 15 ft. spacing.
31. ____ | ____ | ____ Attached 1½ in. hose is free from mildew, cuts, abrasions, and couplings, gaskets, and nozzles are undamaged and without obstructions.
32. ____ | ____ | ____ Multiple Class I and III standpipes are interconnected at the bottom.
33. ____ | ____ | ____ Automatic and semiautomatic-dry systems are tested by initiating a flow from the hydraulically most remote hose connection and water is delivered in 3 minutes and each remote control device is tested per the manufacturer's instructions,

Additional Comments:

Inspection Date: _____

Fire Code Administration Staff Captain