



# MOBILE FIRE RESCUE DEPARTMENT FIRE CODE ADMINISTRATION

## Stand Pipe System Acceptance Inspection

Date of Review \_\_\_/\_\_\_/\_\_\_ BLDC 20\_\_ - \_\_\_\_\_

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**