

City of Steamboat Springs Fire Prevention Services

Sprinkler System Inspection Requirements

Proudly serving the City of Steamboat Springs and the Steamboat Springs Rural Fire Protection District

GENERAL (FOR ALL INSPECTIONS)

- ❑ **No partial inspections** are allowed unless pre-approved by the Fire Marshal.
- ❑ **Prior Notice:** Inspections must be called in at least 24 hours in advance. The inspection request number is **970-871-8216**. You will need to give the project name, job address, contractor's name, permit number and type of inspection. Inspections are scheduled on a first come, first served basis.
- ❑ **Plans:** An original set of stamped and approved plans must be on the job site at the time of all inspections. **NO PLANS, NO INSPECTION.**
- ❑ **Equipment and Personnel:** The contractor shall supply all needed personnel and special equipment to complete the inspection. (ie ladders, gauges, etc...)
- ❑ **Wet System:** To be approved the wet system shall be tested at 200 psi for 2 hours with no drop in pressure and no visible leaks. The wet system shall be tested at both rough and final inspections. The FDC shall be tested in this manner at rough inspection only.
- ❑ **Dry System:** To be approved the dry system, including the FDC, shall be tested at 200 psi hydro for 2 hours with no drop in pressure and no visible leaks **and** 40 psi air for 24 hours with a maximum of 1.5 psi loss in pressure.
- ❑ **Notes for dry system testing:** **IF A WET TEST IS DONE DURING THE ROUGH INSPECTION A DRY TEST SHALL BE DONE AT THE FINAL INSPECTION OR VICE VERSA.**
- ❑ Piping between the exterior fire department connection and the check valve in the fire department inlet pipe shall be hydrostatically tested at the rough inspection only in the same manner as the balance of the system.

Rough Inspections

- ❑ **Head Locations:** All head locations will be verified from the approved set of plans, and the system hydro-tested. Proper hanger spacing and installation will be checked at this time.
- ❑ A 200 psi hydro test that includes piping between the exterior FDC and the check valve in the fire department inlet pipe.

Final Inspections

- ❑ The final inspection can be scheduled at the time the building is completed and all interior painting is finished. Plans and special tools shall be on the job site. Wet systems shall be re-pressured to 200 psi for 2 hours with no visible leaks and no drop in pressure. The dry system shall be a 200 psi hydro test for 2 hours with no drop in pressure and no visible leaks **OR** 40 psi air for 24 hours with a maximum of 1.5 psi loss in pressure.
- ❑ Signage on Riser Room door and all control valves.