Inspection Requirements for a fire Sprinkler system Final

The requirements are in accordance with NFPA standards.

Note: a fire sprinkler permit only allows for two inspections; one rough in and one final.

- Arizona State Fire Marshal approved plans and permit must be on site.
- Appropriate certified installer on site. (Minimum NICET 2 / CSA 2/ Fitters Card)
- Proper four-way sway bracing attached to main riser.
- Bottom of riser is finished properly.
- Spare Head box securely mounted with minimum required quantity of heads, wrench for each type of spare head, and an original NFPA 25.
- FDC has correct threads or connections and is properly capped.
- All sprinkler heads provide coverage in accordance with NFPA standards and their listing.
- Sprinkler heads are installed with regards to obstructions, pockets, beams and soffits.
- Extended coverage sprinklers installed in accordance with approved design characteristics.
- Fire sprinkler heads response type and temperature are installed in accordance with code.
- Provided appropriate signage for sprinkler control valves, Main drain, and Inspectors test valve.
- Rooms containing control valves are marked accordingly.
- Hydraulic Design Information Sign securely attached at main riser, the sign shall include the following information:
  (1) Location of the design area or areas
  (2) Discharge densities over the design area or areas
  (3) Required flow and residual pressure demand at the base of the riser
  (4) Occupancy classification or commodity classification and maximum permitted storage height and configuration
  (5) Hose stream demand included in addition to the sprinkler demand
- Main drain test will be performed to acquire static and residual available pressures.
- Calculation plate required flow and pressure agree with the results of the main drain test.
- Inspectors test valve alarm activation must be within 30 and 90 seconds.
- Outside sprinkler bell operated during flow test.
- Tamper switch must report to main fire alarm panel.
- Perform an open circuit on tamper and flow switch.
- Fire alarm panel must report to offsite monitoring station.
- If no tamper monitoring is required by code, valves must be secured and locked.
- Received Material Certification and testing for aboveground piping.

- Note: The fire sprinkler installing contractor will need to coordinate with the fire alarm contractor when calling for final.

- This form is used only as a guide. Final approval is contingent upon favorable field inspection.