

Wet / Dry Sprinkler System



FIELD'S
Fire Protection, Inc.

NFPA 25 requires you to maintain your fire suppression systems in good working order and to maintain inspection, testing and maintenance records. Inspections will be performed on an Annual basis.

EXAMPLES OF WORK PERFORMED DURING AN INSPECTION INCLUDE:

- Identify potentially detrimental site conditions that could compromise the performance of mechanical and/or electronic components of the sprinkler system.
- Check for adequate coverage, clearance and condition of all visible sprinkler heads to allow for proper distribution if activation occurs.
- Verify the sprinkler control valves are in the proper open or closed position, in good condition, monitored or secured, accessible, operated through their full range of motion and appropriate signage is in place.
- Perform the required tests for each water flow or water pressure device.
- Complete main drain test on each system.
- Record the static and residual pressures to confirm there is no blockage in the supply line piping.
- Check the Fire Department connection caps, couplings, threads and clapper.
- Check valve and ball drip to verify condition, unit is not leaking, and there are no objects inside the fire department connection that could be pushed into the system.
- Inspect and test the fire sprinkler system alarm components for satisfactory condition, proper alarm tie in and activation.
- Verify the quantity and styles of spare sprinkler heads in spare head box.
- Confirm there are proper quantities of heads and appropriate wrench located in spare head box.
- Inspect the general condition of visible sprinkler system piping, hangers, drain valves, gauges and related equipment.
- If applicable, inspect and test the operation of the dry system air compressor for proper activation and cut in /cut out pressure.
- If applicable, inspect the dry valve according to the manufacturer's specifications, including internal inspection and cleaning of the valve body, clapper, latching mechanism, trim and gaskets.
- If applicable, flow the system priming lines and clean all strainers thoroughly.
- Inquire about changes or modifications to the building status or the sprinkler system that may affect the performance or reliability of the system.
- Upon completion of inspection and any necessary repairs, applicable inspection documents and noted deficiencies shall be left at location and available electronically.
- Tag all devices as required and perform required record keeping.