

FIRE SPRINKLER SYSTEM INSPECTION

FDC

- Within 100 Feet of a Fire Hydrants
- Located on the address side of the building or approved location
- Mounted between 18" and 48" above finish grade
- Check valve installed as close to FDC as possible and in the correct direction
- 2.5" caps or plugs installed
- Unobstructed - landscaping, transformers etc.
- Sign clearly identifying FDC

Installation

- Proper type of fire sprinkler piping
- Check for excessive changes of direction not indicated on plans
- Proper size of piping
- Proper hanger and correct spacing
- Proper type, orifice and temperature rating of fire sprinklers
- Proper clearance from obstructions
- Proper distance between sprinkler heads
- Proper distance between walls
- Proper distance for roof deck
- Proper orifice size in inspectors test - equal to smallest in system
- Heads not painted
- All Controls, drains, valves etc. mounted lower than 7 feet
- Access Panels for in the wall mounted valves
- Proper penetration caulking

Testing

- Hydrostatic - 200# for 2 hrs. or 50 psi in excess of the working pressure
- Verify gage is in proper working order. Returns to zero
- Verify listed and approved pressure relief valve is installed