



General

This document's intent is to provide contractors with guidelines outlining the expectations and procedures for how the Everett Fire Marshal's Office will conduct an acceptance test of a fire sprinkler system. This document addresses the most common aspects of a fire sprinkler acceptance tests, in cases where this document does not address a device or operation used with your system IFC, NFPA, and/or Manufacturer Specifications will be used to determine testing criteria.

Underground/Flush

- | | PASS | FAIL | N/A |
|--|--------------------------|--------------------------|--------------------------|
| 1. Approved Plans - An Approved/Stamped set of plans shall be located at the job site. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Responsibility - Underground supply will be broken into two categories: <ul style="list-style-type: none"> • First will be everything before and up to the approved double check detector assembly which is the responsibility of the Everett Utilities Department to witness and inspect. • Second is everything after the approved double check detector assembly to the fire sprinkler riser which is the responsibility of the Everett Fire Department to witness and inspect. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. NFPA 24 Report - The contractor shall complete, sign, and provided a copy of the contractor's material and test certificate to the AHJ. (NFPA 24 Figure 10.10.1.) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Hydrostatic Test:

- | | PASS | FAIL | N/A |
|--|--------------------------|--------------------------|--------------------------|
| 4. Schedule Inspection - The contractor shall schedule for the inspection using eTRAKiT online permitting portal. Inspection requests submitted online before 11:59 p.m. on Monday-Friday will be tentatively scheduled for the next business day. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. 2 Hour Test - A member of the Fire Marshal's Office will contact the contractor to schedule a time for the inspection. The contractor is responsible for verifying that all piping and attached equipment to the system subjected to system working pressure has been under 200 psi of pressure or 50 psi in excess of the system working pressure, whichever is greater, and shall maintain the pressure at +/- 5 psi for 2 hours prior to the inspection. Example: Timestamped photograph of pressure gauge. (Loss shall be determined by a drop in the gauge pressure or visual leakage.) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

- | | | | | |
|----|---|--------------------------|--------------------------|--------------------------|
| 6. | Backfill - The trench shall be backfilled between joints before testing to prevent movement of pipe. Thrust blocks and or restrained joint systems shall also be left uncovered for inspection. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. | Joints - Joints shall be inspected for visual leakage | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. | Thrust Blocks - Thrust blocks shall be installed as per approved set of plans and placed between undisturbed earth and the fitting to be restrained and shall be capable of resisting the calculated thrust forces. Wherever possible, thrust blocks shall be placed so that the joints are accessible for repair. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. | Release Pressure - After verifying that the system has maintained the required 200 psi for 2 hours, release pressure from the system to verify that the gauge is operating properly. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Flushing:

- | | | PASS | FAIL | N/A |
|-----|--|--------------------------|--------------------------|--------------------------|
| 10. | Before Connection - Underground piping, from the water supply to the system riser, and lead-in connections to the system riser shall be completely flushed before the connection is made to downstream fire protection system piping. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. | Pre-Flushing - Pre-flushing shall be conducted by the contractor to ensure all foreign materials have been flushed from the system prior to the fire inspector conducting the official flush test. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 12. | Flushing Operations - Flushing operations shall be set-up and conducted complying with the following: <ul style="list-style-type: none"> • The discharge used for the flush shall be located in close proximity of the lead-in connection to the system riser. • Water shall be discharged through an open ended 4-inch pipe or through a 4-inch pipe connected to a Y or siamese connection with two 2 ½ inch hoses. • There shall be two burlap bags connected to each outlet. • Flow rate shall be at a minimum of 390 gpm. • See the examples 1,2, and 3 of the acceptable configurations for flushing of the system | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 13. | 10-Minute Cycles - The fire inspector will conduct the flush test in 10-minute cycles, after each cycle the inspector will inspect the burlap bags located at the outlets for foreign materials. These cycles will continue until water is clear and the bags are free of all foreign materials. Note: <i>After two cycles, if significant materials are still present in the bags the inspector will reschedule the remainder of the test for a different time to allow for the contractor to continue pre-flushing the system.</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Fire Department Connection (FDC):

	PASS	FAIL	N/A
14. Location - Verify on the Approved/Stamped set of plans the approved location of the FDC. Fire Department connection shall be within 75 feet of a fire hydrant and 100 feet when work is being done to an existing building.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Arrangement/Orientation - The FDC shall be assessable and arranged/orientated so a hose line can be attached to the inlets without interference.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. Specifications – The FDC shall be an approved type and comply with the following: <ul style="list-style-type: none"> • Have two 2 ½ fire department inlet connections • Brass (Not Painted) • Have a Schedule 40 galvanized steel post painted red (If not wall mounted) • Couplings shall have swivel fittings with NH internal threads • FDC shall be located 24 to 60 inches above the final grade • Protected from mechanical damage • Supported with a minimum of an 18"x18"x8" concert base • A clear working space not less than 36 inches in width, 36 inches in depth and 78 inches in height shall be provided 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Check Valve - A listed check valve shall be installed in each fire department connection.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Automatic Drip - An automatic drip shall be installed between the check valve and the outside hose coupling in a location that permits inspection and testing and reduces the likelihood of freezing.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. No Shutoff Valve - No shutoff valve shall be permitted in the piping from the fire department connection piping to the point that the fire department connection piping connects to the system piping.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

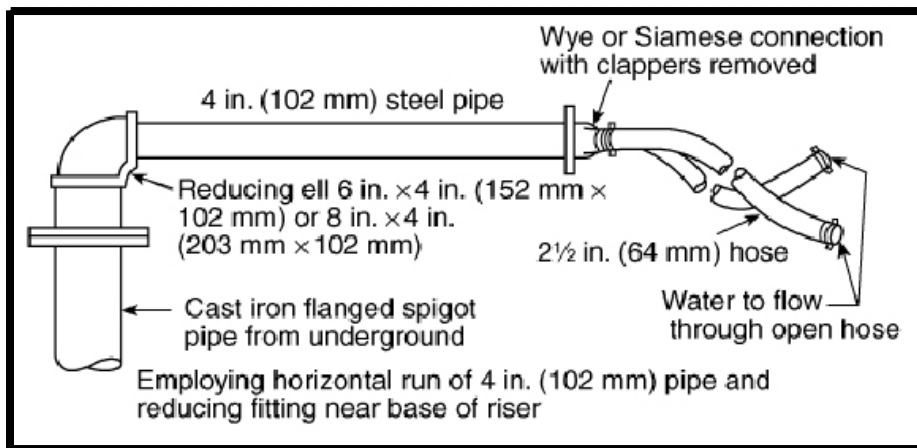
Post Indicator Valve (PIV):

	PASS	FAIL	N/A
20. Assessable & Visible - Both Remote Post Indicator Valves and Wall Post Indicator Valves shall be easily accessible, and the Open/Closed indicator shall be visible at all times.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Remote PIV - Remote Post Indicator Valves shall be set so that the top of the post is 32 to 40 inches above the final grade.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Wall PIV - Wall Post Indicator Valves are permitted.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23. Protection - Post Indicator Valves shall be protected against mechanical damage.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

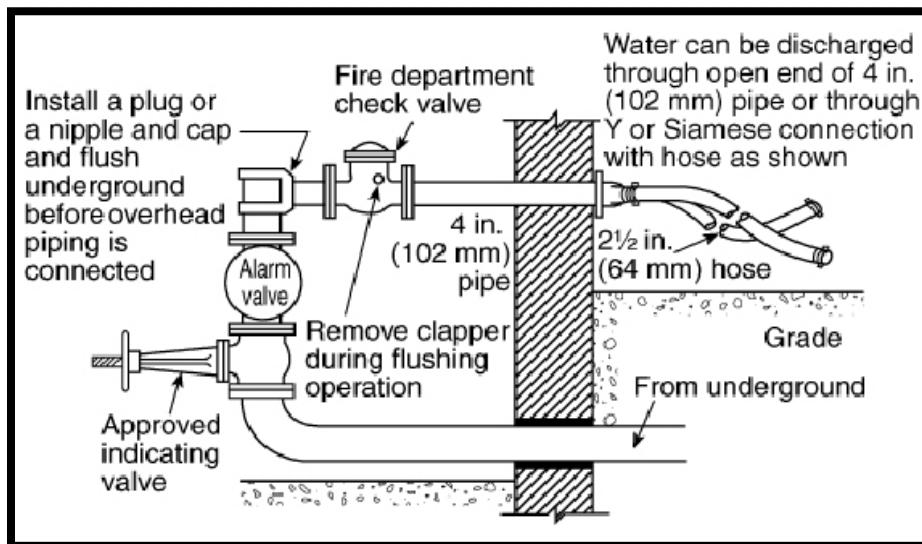
Operating Test:

	PASS	FAIL	N/A
24. Hydrant Test - Each hydrant shall be fully opened and closed under system water pressure.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25. Dry Hydrant Drainage - Dry barrel hydrants shall be checked for proper drainage.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26. Control Valves - All control valves shall be fully closed and opened under system water pressure to ensure proper operation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27. Fire Pump - Where fire pumps are available, the operating tests shall be completed with the pump running.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

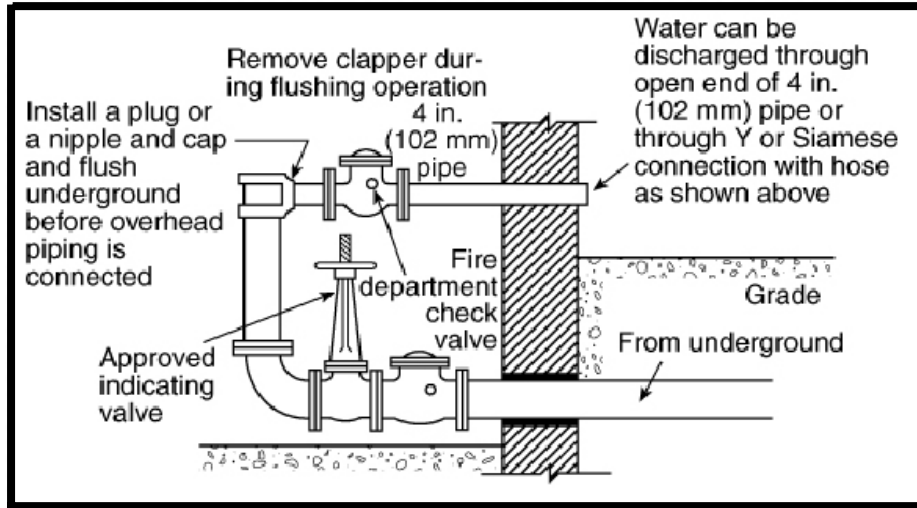
Example #1



Example #2



Example #3

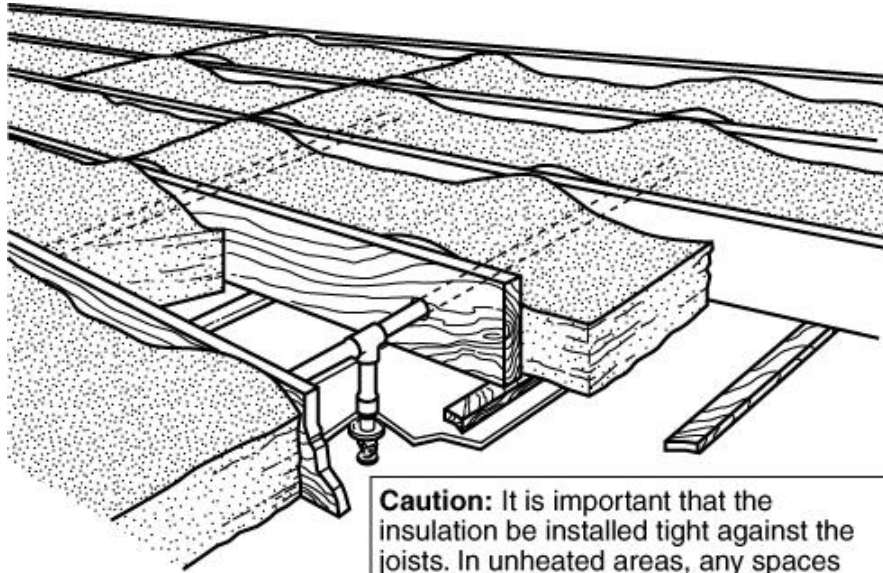


Rough-In/Cover

	PASS	FAIL	N/A
1. Concealment - No drywall or other coverings shall be permitted to conceal any components of the fire sprinkler system until after the Rough-In/Cover Inspection has been completed and approved by the fire code official.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Scheduling - The contractor shall schedule for the inspection using eTRAKIT online permitting portal. Inspection requests submitted online before 11:59 p.m. on Monday-Friday will be tentatively scheduled for the next business day.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Approved Plans - Consult Approved/Stamped set of plans.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Size & Type of Piping - Verify proper type and size of piping.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Changes - Confirm the installation of the piping does not have excessive change of directions that are not indicated on approved plans. (Excessive use of extra fittings, such as elbows may affect hydraulic calculations).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Penetrations - All piping penetrations through fire rated assemblies have been properly sealed by an approved method. Fire-stopping materials intended for use on nonmetallic piping penetrations shall be investigated for compatibility with the nonmetallic pipe materials.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Hanger/Bracing/Supports - Piping hangers, sway bracing, and supports shall be installed as per plans and NFPA.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- | | | | | |
|-----|--|--------------------------|--------------------------|--------------------------|
| 8. | Compatibility - When work with CPVC special consideration is necessary when in contact with other materials or chemicals. (See manufacturer's guidance on installation and compatible materials.) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. | Non-System Components - Sprinkler piping or hangers shall not be used to support non-system components such as ducting, electrical wiring, cabling and ducting. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. | Sprinkler Verification - Verify locations, type, and temperature of sprinkler heads. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. | Sprinkler Obstructions - Proper clearance of sprinkler heads from obstructions. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 12. | Sprinklers Spacing - The distance from sprinklers to walls shall be a minimum of 4 inches and not exceed one-half of the allowable distance between sprinklers. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 13. | Sprinkler Spacing - Check for correct distances between sprinkler heads, maximum coverage per sprinkler heads, suspended ceilings and distance below roof deck. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 14. | Inspector Test - Check for installation of orifice in inspector's test. (Orifice shall be the same size as the smallest orifice installed in the system.) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 15. | Painted Sprinklers - Check to ensure fire sprinklers are not painted. Painted fire sprinklers shall be replaced, they shall not be cleaned. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 16. | Valve Locations - All control, auxiliary, and inspector's test valves shall not be located more than seven feet above finish floor or grade. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 17. | Protection Against Freezing - A wet pipe system shall be used where piping is installed in areas that can be maintained reliably above 40°F (4°C). Piping in areas that cannot be maintained reliably above 40°F (4°C) shall be protected by use of one of the following methods: <ul style="list-style-type: none"> • Antifreeze system using a listed antifreeze solution in accordance with NFPA 13 • Dry pipe system • Pre-action system • Listed dry pendent, dry upright, or dry sidewall sprinklers extended from pipe in heated areas • Heat tracing | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 18. | Insulation - Piping covered by insulation, as shown in the detail below is considered part of the area below the ceiling and not part of the unheated attic area. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Insulation Arrangement



Caution: It is important that the insulation be installed tight against the joists. In unheated areas, any spaces or voids between the insulation and the joists cause the water in the fire sprinkler piping to freeze.

Hydrostatic Test

	PASS	FAIL	N/A
1. Scheduling - The contractor shall schedule for the inspection using eTRAKiT online permitting portal. Inspection requests submitted online before 11:59 p.m. on Monday-Friday will be tentatively scheduled for the next business day.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. 2 Hour Test - A member of the Fire Marshal’s Office will contact the contractor to schedule a time for the inspection. The contractor is responsible for verifying that all piping and attached equipment to the system subjected to system working pressure has been under <u>200 psi</u> of pressure for a minimum of <u>2 hours</u> prior to the inspection. Example: Timestamped photograph of pressure gauge. (Loss shall be determined by a drop in the gauge pressure or visual leakage.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. High Pressure Systems - Portions of systems normally subjected to system working pressures in excess of 150 psi shall be tested at a pressure of 50 psi in excess of system working pressure.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. FDC Piping - Piping between the exterior FDC and the check valve in the fire department inlet pip shall be hydrostatically tested in the same manner as the balance of the system.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Release Pressure - After verifying that the system has maintained the required 200 psi for 2 hours, release pressure and confirm the test gauge returns to zero. (A gauge that does not return to zero could be an indication that the gauge was pegged.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- | | | | | |
|----|--|--------------------------|--------------------------|--------------------------|
| 6. | Dry Pipe Systems - In addition to the standard hydrostatic test, an air pressure leakage test at 40 psi shall be conducted for 24 hours. Any leakage that results in a loss of pressure in excess of 1 ½ psi for the 24 hours shall be corrected. This test will have to be scheduled for a different day to allow for the 24 hours test. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|----|--|--------------------------|--------------------------|--------------------------|

Additions or Modifications:

- | | | PASS | FAIL | N/A |
|----|---|--------------------------|--------------------------|--------------------------|
| 7. | 20 or Fewer Heads - Additions or Modifications affecting 20 or fewer sprinklers shall not require testing in excess of system working pressure. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. | More Than 20 Heads - Additions or Modifications affecting more than 20 sprinklers, the new portions shall be isolated and tested at not less than 200 psi for 2 hours. (Additions or Modifications that cannot be isolated, such as relocated drops, shall not require testing in excess or system working pressure. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. | Work Affecting FDC - Repairs or replacements or work affecting the FDC, piping between the exterior and the check valve in the fire department inlet pipe shall be isolated and hydrostatically tested at 150 psi. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Step 4: Sprinkler Final

- | | | PASS | FAIL | N/A |
|----|--|--------------------------|--------------------------|--------------------------|
| 1. | Scheduling - The contractor shall schedule for the inspection using eTRAKIT online permitting portal. Inspection requests submitted online before 11:59 p.m. on Monday-Friday will be tentatively scheduled for the next business day. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. | Fire Alarm - Acceptance testing for the above ground portions of the sprinkler system will not be conducted unless the fire alarm system is fully operational and is ready for acceptance testing at the same time as the sprinkler system. All sprinkler devices shall be tested with both the sprinkler and fire alarm contractors present. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. | Approved Plans - Approved/Stamped set of plans. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. | Waterflow Test - Test waterflow alarm by flowing water from the Inspectors Test Valve. The alarm should sound no earlier than 20 seconds and no later than 90 seconds. (Wet and dry systems) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. | Access Panels - A minimum 12" x 36" access panels shall be provided for all valves located inside a wall or concealed space. Signage shall be provided on the outside of access panel indicating type of valve that is concealed within. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. | Exterior Horn/Strobe - Verify that a listed horn/strobe device is located on the front exterior of the building in an approved location in close proximity to the buildings address. Such device shall be activated by water flow actuation of the automatic sprinkler system. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

- | | | | | |
|-----|---|--------------------------|--------------------------|--------------------------|
| 7. | Dry-Type Sprinkler Systems – Have constrictor demonstrate that both high and low air pressure are supervised as required. The off-normal signal shall be initiated when the pressure increases or decreases by 10 psi. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. | Supervised Valves - Close all electrically supervised sprinkler control valves to verify supervisory alarm at the FACP within 2 turns of control wheel or, for post indicator valve within 1/5 of valve control mechanism’s travel distance. Then reopen to verify “restore” signal. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. | Main Drain - Open the main drain valve, it should be able to be fully opened without causing water damage. When the pressure stabilizes, note whether the pressure dropped and stayed below the residual pressure on the calc plate. If it does, there is a problem with the system. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. | Calc Plates - Hydraulic Design Information Sign (Calc Plates) shall be proved by the installing contractor. The sign shall be weatherproof metal or rigid plastic secured with corrosion-resistant wire, chain, or other approved means. Such signs shall be placed at the alarm valve, dry pipe valve, pre-action valve, or deluge valve supplying the corresponding hydraulically designed area. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

The sign shall include the following information:

- Location of the design area or areas
- Discharge densities over the design area or areas
- Required flow and residual pressure demand at the base of the riser
- Occupancy classification or commodity classification and maximum permitted storage height and configuration
- Hose stream allowance included in addition to the sprinkler demand
- The name of the installing contractor

- | | | | | |
|-----|---|--------------------------|--------------------------|--------------------------|
| 11. | Door Signs - Doors leading into rooms that contain controls for fire sprinklers shall be identified with an approved sign. Approved signs shall identify fire protection equipment and be durable materials, red and white in color, permanently installed, and readily visible. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 12. | Valve Signs - All control, drain, and test connection valves shall be provided with a weatherproof metal or rigid plastic identification signs, secured with corrosion-resistant wire, chain, or other approved means. The sign shall identify the portion of the building served and systems with more than one control valve that must be closed to work on a system or space shall have a sign referring to existence and location of other valves. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 13. | Caution Sign - A caution signs shall be provided with the following wording: This valve controls fire protection equipment. Do not close until after fire has been extinguished. Use auxiliary valves when necessary to shut off supply to auxiliary equipment. CAUTION: Automatic alarm can be sounded if this valve is closed. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

14. **Painted Heads** - Where sprinklers or cover plates on concealed sprinklers have been painted by other than the sprinkler manufacturer, they shall be replaced.
15. **Listings** - Escutcheons used with recessed, flush-type, or concealed sprinklers shall be part of a listed sprinkler assembly and be metallic or shall be listed for use around a sprinkler. No caulking or glue shall be used to seal penetrations or to affix the components of a recessed escutcheon or concealed cover plate.
16. **Spare Sprinkler Cabinet** - Spare Sprinkler cabinet, sprinkler wrench, and spare sprinklers shall be provided. The stock of spare sprinklers shall include all types and ratings installed and shall be as follows:
- Facilities having under 300 sprinklers – no fewer than six sprinklers
 - Facilities having 300 to 1000 sprinklers – no fewer than 12 sprinklers
 - Facilities having over 1000 sprinklers – no fewer than 24 sprinklers
- (Where dry sprinklers of different lengths are installed, spare dry sprinklers shall not be required, provided that a means of returning the system to service is furnished.)
17. **Sprinkler List** - A list of the sprinklers installed in the property shall be posted in the spare sprinkler cabinet. The list shall include the following:
- Sprinkler Identification Number (SIN) if equipped; or the manufacturer, model, orifice, deflector type, thermal sensitivity, and pressure rating
 - General description
 - Quantity of each type to be contained in the cabinet
 - Issue or revision date of the list
18. **Sprinkler Guards** - Sprinklers subject to mechanical injury shall be protected with listed guards.

Fire Department Connection (FDC):

- | | PASS | FAIL | N/A |
|--|--------------------------|--------------------------|--------------------------|
| 19. Assessable/Orientated - The FDC shall be assessable and arranged/orientated so that a hose line can be attached to the inlets without interference. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 20. Clear Space - A clear working space not less than 36 inches in width, 36 inches in depth and 78 inches in height shall be provided. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 21. Knox Caps - Fire department connections shall be equipped with approved Knox plugs/caps. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 22. Signs - Verify that a sign complying with the following has been provided: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <ul style="list-style-type: none"> • Metal sign with raised letters not less than 1 inch in sized. • Signs shall read AUTOMATIC SPRINKLERS or STANDPIPES or TEST CONNECTION or combination thereof as applicable. • Where the FDC does not serve the entire building, a sign shall be provided indicating the portions of the building served. (Address, Location, Zone...) | | | |

Post Indicator Valve (PIV):

- | | PASS | FAIL | N/A |
|---|--------------------------|--------------------------|--------------------------|
| 23. Accessible - Both Remote Post Indicator Valves and Wall Post Indicator Valves shall be easily accessible, and the Open/Closed indicator shall be visible at all times. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 24. Cutable Lock - The PIV shall be provided with a cuttable padlock. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 25. Clear Space - A clear working space not less than 36 inches in width, 36 inches in depth and 78 inches in height shall be provided. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

System in Full Operation:

- | | PASS | FAIL | N/A |
|---|--------------------------|--------------------------|--------------------------|
| 26. Systems Normal - Ensure all systems are normal | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 27. Alarm Off Test - Ensure the Fire Alarm is off of test with the monitoring company. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 28. NFPA 13 Report - The installer shall complete and sign the NFPA 13 Contractor's Material and Test Certificate for Aboveground Piping prior to final approval of the system. (If the building is also equipped with a standpipe system the installer shall also complete and sign the NFPA 14 Contractor's Material and Test Certificate for Aboveground Piping prior to final approval of the system.) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 29. Keys for Knox Box - Keys for the Fire Sprinkler Room and PIV(s) shall be provided so they may be placed into the Knox Box. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |