

# WATER SYSTEMS INSPECTION GUIDELINES/CHECKLIST



## GENERAL INFORMATION

1. All work shall be performed per approved plans. Any changes in system construction or materials may require revised plans or as-builts to be submitted and approved prior to Final Inspection.
2. Shell buildings shall be finished by Fire prior to construction of Tenant Improvements.
3. System contractor shall schedule inspections and arrange for personnel to be present.
4. Systems for warehouse, manufacturing and storage shall submit Commodities Storage Plan.
5. Contractor shall test system prior to calling for an inspection.
6. If a system fails acceptance testing, a re-inspection will be required.

## UNDERGROUND SYSTEMS

1. Thrust blocks should be formed.
2. Trenches should be free of debris and standing water.
3. Materials and hardware should be as per approved plans and cut sheets.
4. System shall have flush witnessed prior to tie-in with sprinkler system.
5. Provide "Contractor's Material and Test Certificate for Underground Pipe".

## SPRINKLER SYSTEMS

1. Rough and Hydro inspections shall be made in framing stage of construction, with entire system visible and accessible.
2. Any equipment necessary to inspect the entire system and all of its components (i.e.: ladders and lifts) shall be on site for the inspection.
3. Provide "Contractor's Material and Test Certificate for Aboveground Pipe".
4. Weld inspections shall have all required documentation and pipe shall be laid out on the ground.
5. Provide job card to show that Underground System has been flushed prior to tie-in.
6. Bell ring will be tested on Sprinkler Final Inspection.

## TENANT IMPROVEMENT

1. Systems over 20 heads are required to isolate and hydro.
2. Systems under 20 heads are required to test at working pressure.
3. Provide access to all T.I. work done
4. Modification to any existing Fire System shall have plans submitted.
5. Provide maintenance and inspection reports for the existing systems.

## CHECKLIST

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|---|---|--|
| <input type="checkbox"/> Approved Plans/Job Card          | <input type="checkbox"/> U/G rough and hydro inspection | <input type="checkbox"/> Anchor Inspection*                |
| <input type="checkbox"/> Thrust Block pre-pour inspection | <input type="checkbox"/> Flush                          | <input type="checkbox"/> Contractor pre-test system        |
| <input type="checkbox"/> Revisions submitted for approval | <input type="checkbox"/> Sprinkler weld inspection      | <input type="checkbox"/> Overhead rough & hydro Inspection |

\*Anchor Inspection must be performed by Certified Special Inspector

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