

# Whitney Fire Protection District

## NFPA 13R Sprinkler System Acceptance Inspection 2006 IFC and 2002 NFPA 13R

Date of Inspection: \_\_\_\_\_ Permit Number: \_\_\_\_\_  
Business/Building Name: \_\_\_\_\_ Address of Project: \_\_\_\_\_  
Contractor: \_\_\_\_\_ Contractor's Phone: \_\_\_\_\_

Reference numbers following worksheet statements represent an NFPA code section unless otherwise specified.

Pass	Fail	NA
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- |          |       |       |  |
|----------|-------|-------|--|
| 1. _____ | _____ | _____ | Approved plans and above ground piping certification documents are on site, 6.2.2.   |
| 2. _____ | _____ | _____ | Underground water supply testing and flushing are witnessed and underground piping certification is provided, 6.3.1.1.                         |
| 3. _____ | _____ | _____ | Hydro test for a wet system is 200 PSI for 2 hrs. and should include the FDC piping, 6.3.2.1.  |
| 4. _____ | _____ | _____ | Hydro test for a dry system is 200 PSI for 2 hrs, 6.3.2.1.   |
| 5. _____ | _____ | _____ | Hydro test of 50 PSI above the maximum design pressure of the system is permitted for a system without an FDC and less than 20 heads, 6.3.2.2. |
| 6. _____ | _____ | _____ | Backflow prevention device is installed in accordance with its listing and approved plans, IFC 903.3.5.  |

### Riser Room

- |           |       |       |   |
|-----------|-------|-------|---|
| 7. _____  | _____ | _____ | Water flow drain location is in compliance with the approved set of plans. Flow test is performed, 6.6.2.   |
| 8. _____  | _____ | _____ | Test valve and flow switch are monitored and tested.  |
| 9. _____  | _____ | _____ | Paddle type water flow device is not allowed for dry systems.   |
| 10. _____ | _____ | _____ | The monitoring signals are received by the 24 hour monitoring location.   |
| 11. _____ | _____ | _____ | Water flow alarm is located according to the approved set of plans, is properly signed, and connected to the fire alarm system, if a fire alarm system is provided. |
| 12. _____ | _____ | _____ | Water supply valves are indicating type and electrically supervised, IFC 903.4.   |
| 13. _____ | _____ | _____ | Valves on the riser are labeled with signage and pressure gauges are on the supply and system sides of the check valve, NFPA 13: 6.7.4.                             |
| 14. _____ | _____ | _____ | A permanent label with hydraulic calculations is attached to the riser.   |
| 15. _____ | _____ | _____ | The riser supports for a multistory building are in compliance with the approved set of plans.  |
| 16. _____ | _____ | _____ | There are a minimum of 3 spare sprinklers for each sprinkler type listed on the legend of the approved set of plans, 6.4.1.   |

### FDC if provided

- |           |       |       |   |
|-----------|-------|-------|---|
| 17. _____ | _____ | _____ | FDC is capped and permanently signed, 6.8.4.  |
| 18. _____ | _____ | _____ | FDC has check valve and drip valve.   |
| 19. _____ | _____ | _____ | FDC for wet single riser system connects to the system side of any water supply control valves. |
| 20. _____ | _____ | _____ | FDC is a minimum 1½ in. connection and easily accessible.                                       |

### Sprinklers

- |           |       |       |   |
|-----------|-------|-------|---|
| 21. _____ | _____ | _____ | Sprinkler locations are installed in accordance with the approved set of plans.                               |
| 22. _____ | _____ | _____ | Pendent deflectors are 1 in. to 4 in. from the ceiling unless listing permits otherwise, 6.7.1.5.1.           |
| 23. _____ | _____ | _____ | Sidewall deflectors are 4 in. to 6 in. from the ceiling unless listing permits otherwise, 6.7.1.5.2.          |
| 24. _____ | _____ | _____ | Sprinklers have guards if subject to damage.  |
| 25. _____ | _____ | _____ | Sprinkler heads are not painted or covered.   |
| 26. _____ | _____ | _____ | The type and temperature rating of the sprinklers installed are in accordance with the approved set of plans. |
| 27. _____ | _____ | _____ | Escutcheon plates are installed.  |

### Pipe: Hangers and Seismic Bracing

- |           |       |       |  |
|-----------|-------|-------|--|
| 28. _____ | _____ | _____ | Piping size and layout are in accordance with the approved set of plans. |
|-----------|-------|-------|--|

