

SANTA ROSA FIRE DEPARTMENT

FIRE PREVENTION BUREAU

INSPECTION CHECKLIST

July 1, 2010



FACILITY OWNER INSPECTION OF FIRE SPRINKLERS AND STANDPIPE SYSTEMS

Address:		Permit #:
Inspector:	Date:	Status:
Inspector:	Date:	Status:
A-Approved, R-Re-inspection Required		

This Checklist outlines general requirements. Information contained herein applies to typical instances and may not address all circumstances.

FILE REVIEW

1. REVIEW FILE

REQUIRED INSPECTIONS - COMPONENTS

FIRE DEPARTMENT CONNECTION (Systems 1, 3, 4, 5)

- 2. Caps in place
- 3. Couplings swivel freely
- 4. Gaskets present and in good condition
- 5. Clapper valves closed tight
- 6. Appropriate sign in place
- 7. No visible obstructions
- 8. Painted red

HOSE OUTLETS (Systems 1, 3, 4)

- 9. Caps in place
- 10. Hose threads undamaged
- 11. Valve handles present
- 12. Gaskets present and in good condition
- 13. Valves operate smoothly
- 14. No visible obstructions

Inspection Checklist
Facility Owner Inspection of Fire Sprinkler And Standpipe System

HOSE ASSEMBLY AND CABINET (Systems 2, 3)

- | | Y | N | |
|-----|--------------------------|--------------------------|---|
| 15. | <input type="checkbox"/> | <input type="checkbox"/> | No mildew, cuts, abrasions or deterioration |
| 16. | <input type="checkbox"/> | <input type="checkbox"/> | Couplings undamaged |
| 17. | <input type="checkbox"/> | <input type="checkbox"/> | Nozzles in place |
| 18. | <input type="checkbox"/> | <input type="checkbox"/> | Gaskets present and in good condition |
| 19. | <input type="checkbox"/> | <input type="checkbox"/> | Hose racked properly |
| 20. | <input type="checkbox"/> | <input type="checkbox"/> | Rack or reel swivels freely |
| 21. | <input type="checkbox"/> | <input type="checkbox"/> | Cabinet opens easily |
| 22. | <input type="checkbox"/> | <input type="checkbox"/> | Readily distinguishable |

CONTROL VALVES (Systems 2, 3, 4, 5)

- | | | | |
|-----|--------------------------|--------------------------|-----------------------------------|
| 23. | <input type="checkbox"/> | <input type="checkbox"/> | Valves seat properly |
| 24. | <input type="checkbox"/> | <input type="checkbox"/> | Valves secured in "open" position |
| 25. | <input type="checkbox"/> | <input type="checkbox"/> | No visible obstructions |
| 26. | <input type="checkbox"/> | <input type="checkbox"/> | PIV's painted red, locked open |
| 27. | <input type="checkbox"/> | <input type="checkbox"/> | Breakaway locks used |

RISER (Systems 1, 2, 3, 4, 5)

- | | | | |
|-----|--------------------------|--------------------------|------------------|
| 28. | <input type="checkbox"/> | <input type="checkbox"/> | No leaks |
| 29. | <input type="checkbox"/> | <input type="checkbox"/> | Bracing in place |
| 30. | <input type="checkbox"/> | <input type="checkbox"/> | No obstruction |

GAUGES (Systems 4, 5)

- | | | | |
|-----|--------------------------|--------------------------|---|
| 31. | <input type="checkbox"/> | <input type="checkbox"/> | Not damaged |
| 32. | <input type="checkbox"/> | <input type="checkbox"/> | Gauges valves "on" |
| 34. | <input type="checkbox"/> | <input type="checkbox"/> | System pressure (upper gauge) _____p.s.i. |
| 35. | <input type="checkbox"/> | <input type="checkbox"/> | System pressure (lower gauge) _____p.s.i. |

SPRINKLERS (Systems 4, 5)

- | | | | |
|-----|--------------------------|--------------------------|----------------------------------|
| 36. | <input type="checkbox"/> | <input type="checkbox"/> | Not leaking, corroded or painted |
| 37. | <input type="checkbox"/> | <input type="checkbox"/> | All areas covered |

Inspection Checklist
Facility Owner Inspection of Fire Sprinkler And Standpipe System

- | | Y | N | |
|-----|--------------------------|--------------------------|---|
| 38. | <input type="checkbox"/> | <input type="checkbox"/> | Flow pattern unobstructed – no storage within 18” of sprinklers |
| 39. | <input type="checkbox"/> | <input type="checkbox"/> | Installed in correct position – pendant vs. upright |
| 40. | <input type="checkbox"/> | <input type="checkbox"/> | Spare heads and wrench |

NOZZLES (Systems 6, 7)

- | | | | |
|-----|--------------------------|--------------------------|---|
| 41. | <input type="checkbox"/> | <input type="checkbox"/> | Nozzles clean and in correct positions, caps in place |
| 42. | <input type="checkbox"/> | <input type="checkbox"/> | All areas covered |
| 43. | <input type="checkbox"/> | <input type="checkbox"/> | Flow pattern unobstructed |

TYPES OF SYSTEMS

1. Class I Standpipes – Dry standpipe systems equipped with 2-1/2 inch outlets for use by Fire Department Personnel.
2. Class II Standpipes – Wet standpipe system equipped with 1-1/2 inch hose for use by building occupants
3. Class III Standpipes – Combination standpipe with both 2-1/2 inch outlets and 1-1/2 inch hose.
4. Automatic Sprinkler System – System that automatically detects a fire and discharges water onto or in the area of the fire.
5. Combined System – System which supplies automatic fire sprinklers and has 2-1/2 inch outlets for use by the Fire Department.
6. Kitchen System – System that automatically detects a fire and discharges dry chemical or a liquid foam fire suppression agent; system can also be manually activated.
7. Clean Agent System – System that automatically detects a fire and discharges a gaseous fire suppression agent; system can also be manually activated.

MAINTENANCE INTERVALS

Maintenance inspections shall be conducted by the building owner or occupant, and records of inspection must be kept on the premises for Fire Department review. Standpipes shall be inspected semi-annually. Fire sprinkler systems shall be inspected quarterly. Kitchen and Clean Agent systems shall be inspected monthly.