



THE CITY OF SAN DIEGO

Fire-Rescue Department

Sprinkler Policies Policy FS - 0403

Minimum Inspection Requirements

1. The purpose of this is to establish the minimum level of inspections.
2. This policy applies to all sprinkler underground and sprinkler overhead inspections.
3. The contractor is responsible for scheduling all the inspections that are identified on the approved drawings. Fire and Life Safety Services approved drawings, with a wet stamp, shall be on site during all inspections.
 - A. Underground Visual (No. 45 on the Inspection Record Card) - The following are the items to inspect:
 - i. Size, type, and laying of pipe,
 - ii. burial depth of pipe,
 - iii. thrust blocks,
 - iv. valves, and
 - v. corrosion protection.
 - vi. 13R and 13D systems that are combined with the domestic water do not require an underground visual inspection to be witnessed by SDFD.
 - B. Underground Hydro (No. 45 on the Inspection Record Card) and Flush (No. 47 on the Inspection Record Card):
 - i. Hydrostatically tested in accordance with NFPA 24.
 1. **Exception:** A 13R or 13D system that is combined with the domestic water supply does not require a hydrostatic test inspection to be witnessed by SDFD
 - ii. Flushed in accordance with NFPA 24.
 1. **Exception:** A 13D system is not required to have flush inspection to be witnessed by SDFD.
 - C. Sprinkler Overhead (No. 26 on the Inspection Record Card) - The following are the items to inspect/test:
 - i. Pipe size,
 - ii. Sprinkler spacing,
 - iii. Hydrostatic test,
 - iv. Hanger size and spacing,
 - v. Earthquake protection,
 - vi. Waterflow bell location, and

vii. Location of FDC.

D. Sprinkler Final (No. 28 on the Inspection Record Card) - The following are the items to inspect:

- i. Sprinkler temperature rating,
- ii. Sprinkler location in relation to walls and obstructions,
- iii. Waterflow bell test,
- iv. Main drain test, and
- v. Test of monitoring including all valve tamper switches.
- vi. Concealed sprinklers must have their cover plate off during the sprinkler final inspection.
- vii. The contractor shall provide the inspector a copy of the monitoring contract for SDFD records.
- viii. The contractor shall provide the inspector a copy of the "Contractor's Materials and Test Certificate" for SDFD records