



Crowley Fire Department

Fire Marshal's Office

201 E. Main Street

Crowley, Texas 76036

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Residential Sprinkler Suppression System Inspection Protocol

Effective immediately, the following shall be implemented by the Crowley Fire Marshal's Office for residential sprinkler suppression system inspection processes to align with the published and adopted requirements of NFPA 13D, the Texas Insurance Code Chapter 6003 (formerly Article 5.43-3) Fire Protection Sprinkler System Service and Installation and 28 TAC §§ 34.700 The Fire Sprinkler Rules, dated summer 2016.

Hydrostatic pressure test and inspection of the piping and placement of sprinkler heads against the approved plans:

- Submit a request for inspection form along with a copy of the Permit fee receipt
- A representative of the company is not required to be present
- An approved set of plans shall be affixed to the riser for Crowley FMO inspection purposes

Pre-inspection of the sprinkler suppression system:

Prior to scheduling a final sprinkler suppression system inspection, a licensed representative of the sprinkler contractor shall inspect the system in the presence of the owner or owner's representative (Builder):

- Inspect the system without sprinkler head cover plates in place
- Perform a static and residual flow test and record the results on the SF-041 Contractor's Material and Test Certificate for Aboveground Piping
- Record on the SF-041 Contractor's Material and Test Certificate for Aboveground Piping hydrostatic pressure test recordings from the inspection report provided by the Crowley FMO
- Perform a flow switch test to ensure the flow switch operates @ 45 seconds and record on the SF-041 Contractor's Material and Test Certificate for Aboveground Piping
- The owner or the owner's representative (Builder) shall print name, sign name and date the SF-041 Contractor's Material and Test Certificate for Aboveground Piping
- The licensed representative of the sprinkler contractor performing the inspection shall complete all remaining applicable information, print name, sign name and date the SF-041 Contractor's Material and Test Certificate for Aboveground Piping
- The SF-041 Contractor's Material and Test Certificate for Aboveground Piping shall be submitted back to the companies RME-G for a printed name, signature, RME-G license number and date

Request for final inspection by the Crowley FMO

- Submit a request for inspection form along with a copy of the inspection fee receipt
- Submit a fully executed SF-041 Contractor's Material and Test Certificate for Aboveground Piping
- Submit Statement of Compliance letter

Once received, reviewed and filed an email with the scheduled day & time shall be sent with a return email confirmation accepting the scheduled inspection day & time. If the proposed inspection day & time are not suitable, provide a requested inspection day & time and our office will accommodate if possible.

Final inspection requirements

- The inspection shall be performed with sprinkler head cover plates in place
- All patching and/or painting shall be complete
 - Any cover plate with paint will result in an automatic failure
 - Any cover plate with caulk will result in an automatic failure
 - Any annular space not covered by the cover plate or escutcheon ring will result in an automatic failure
 - Sprinkler riser sign on the access door
 - Auxiliary drain valve location identified at the riser
- A test of the water flow switch shall be performed utilizing the ITV/drain line or this can be performed manually
- At the conclusion of the inspection & testing, the White new installation tag along with the Blue initial inspection tag shall be affixed to the riser by the licensed representative of the sprinkler contractor
- Also affixed to the riser shall be the approved drawings or as-built drawings, backflow test certificate and a copy of the fully executed SF-041 Contractor's Material and Test Certificate for Aboveground Piping