



SUMMIT FIRE & EMS AUTHORITY

(970) 262-5100

P.O. Box 4910

Frisco, CO 80443

[summitfire.org](https://www.summitfire.org)

2026 Standpipe Submittal Checklist

Effective Date: January 1, 2026

Project Name: _____

Project Address: _____

Date Submitted: _____

All plan submittals must include this completed checklist and be uploaded through our website, <https://www.summitfire.org/permits>, that uses Accessgov system. Submittals shall comply with:

- 2024 International Fire Code (IFC)
- 2025 NFPA 14
- Summit Fire & EMS (SFE) Life Safety Policy
- 2024 SFE Amendments
- All other applicable ICC and NFPA codes

Incomplete submittals will be marked as "**Corrections Required**" and must be resubmitted with applicable fees.

I. Application Requirements

NOTE: The project will require one rough and one final inspection.

- o Additional inspections will incur fees.
- o Rough inspections may not occur until all fire, electrical wiring, and spray foam installation are complete.

☐ Plans shall:

- o Have the correct Global Information System (GIS) address.
- o Meet the minimum code requirements referenced above.
- o Be submitted electronically in flattened, unsecured PDF format

☐ Plans and hydraulic calculations shall be signed by either a Professional Engineer licensed in fire suppression systems or by a NICET Level III in fire sprinkler design.

NOTE: The Professional Engineer shall provide a signed affidavit or documentation that their competence and education is pertinent to the fire sprinkler industry per Division of Fire Prevention and Control (DFPC) requirements Section 2.22. [Code of Colorado Regulations](#)

- The manufacturer's cut sheets shall be highlighted of the devices/models that will be used.
- Building construction type, separation requirements, and intended occupancy use shall be identified.
- Total building square footage (all levels) and calculated fire flow per IFC Appendix B shall be required.
- Fire flow may not be reduced by more than 50% due to sprinkler installation.
- Fire hydrant locations (existing or proposed) and distances shall be shown per IFC Appendix C.
- A complete and descriptive scope of work shall be included.



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II. System Design and Layout

- Hydraulic calculations shall include a 10% or 10 psi safety margin (whichever is greater) between system demand and water supply.
 - o SFE will provide the hydrant data source. Contact SFE for further information.
- The system shall be designed as a manual dry standpipe unless approved by the Authority Having Jurisdiction (AHJ).
- Fire department apparatus will not pump at pressures exceeding 150 psi.
- The Fire Department Connection (FDC) shall be accessible and protected by a 3' wide concrete path or an AHJ-approved alternative material.
- Knox FDC Caps shall be installed on commercial occupancies as required by the AHJ.
- Pipes entering the building through concrete or masonry shall have a 1" minimum protected gap to prevent abrasion.
- The maximum design distance from any hose connection shall not exceed 140' and 100' from a fire hydrant.
- Hose connections in stairwells shall be placed on the intermediate landings.

III. NFPA 14 Acceptance Test Procedures

The purpose of the acceptance test is to verify the system's hydraulics and that it meets the minimum requirements of the most current edition of NFPA 14. The AHJ will conduct this test. It is recommended that it be scheduled at least three weeks in advance, warm weather above 40 degrees. The test is labor-intensive and requires multiple SFE personnel. SFE can supply a fire engine for a fee to use for the test. The fee is \$500 dollars for rental of the fire engine. SFE will provide the personnel and the necessary hose to get water from the hydrant to the engine and any hose to tie the engine to the FDC. The engine will supply water to the FDC at 150 psi as measured from valve of the discharge on the engine.

The Permit Holder is responsible for:

- o Enough personnel to open all necessary valves and monitor flow throughout the test
- o Hose needed from the standpipe valve connection to move water away from the structure.
- o Any hose monster or diffuser needed
- o Measuring devices used to show the flow of water in GPM. Pitot gauge or flow meters are acceptable.
- o It is highly recommended that for the test, any pressure gauges used to verify GPM should be 3.5" or larger and should read no higher than 50 psi.
- o This will ensure a more accurate measurement of pressure.

Applicant Acknowledgment: By signing below, I acknowledge that I have read and understood all permit submittal requirements outlined in this checklist. I certify that all submitted materials meet the specified codes and standards to the best of my knowledge.

Applicant Signature: _____

Printed Name: _____

Company: _____



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