Sterling Fire Protection

What to send for a quote

The drawings, reports and site details we ask for before we price sprinkler work, design, installation, an inspection or a code question.

CODE EDITION	REVIEWED
NBC(AE) 2023 and NFC(AE) 2023	**October 30, 2026**

Sprinkler systems

- [ ] The drawings and the site address.
- [ ] The intended use, and what will be stored and how high.
- [ ] The flow test if you have one, with the date it was taken.
- [ ] The schedule, including winter work or work in an occupied building.

Hazard class, storage, ceiling heights, the water supply and whether a pump or tank is needed are what set the price.

Fire protection design

- [ ] Architectural and mechanical backgrounds, and the site address.
- [ ] The architect's code analysis, which sets occupancy and use.
- [ ] Ceiling and roof construction: height, slope, beams, joists and concealed spaces.
- [ ] Storage: commodity, height, rack or solid pile, aisle width.
- [ ] Flow test data (static pressure, residual pressure and flow). NFPA 13-2019 wants it no more than 12 months old at working plan submittal unless the AHJ approves another timeframe.
- [ ] Duct, cable tray, lighting and structural drawings from the other trades.
- [ ] Any plan to change what's stored, before the layout is drawn.

Installation

- [ ] The drawings, the schedule and the site address.

On site, the general contractor provides water for flushing and testing with somewhere to drain it, heat, temporary and permanent power, access and lifts, riser and electrical rooms open on test days, finished ceilings and paint before trim, and the other trades for the integration tests.

Inspections

- [ ] The building address and your last reports.
- [ ] The open deficiency list, plus any original verification reports.
- [ ] The alarm panel make and model, plus the monitoring company's account number.
- [ ] How many systems and risers you have, and any dry pipe or preaction systems and fire pumps.

On the day, have keys to every service room and the alarm panel, suite access booked with occupants warned, and someone on site who can approve a repair or a shutdown.

Fire code consulting

- [ ] The building address, its use, and its storeys and area.
- [ ] The order, notice or report that started this, and the date it was served.
- [ ] The last inspection reports and any verification reports.
- [ ] Drawings, permits and schedules, if the building is new or recently altered.
- [ ] What's changing: use, layout, storage, tenants.
- [ ] The deadline you're working to.

Sources

1. National Building Code 2023 Alberta Edition, National Research Council Canada
   https://nrc-publications.canada.ca/eng/view/object/?id=0316d953-0d55-4311-af69-cad55efec499
2. National Fire Code 2023 Alberta Edition, National Research Council Canada
   https://nrc-publications.canada.ca/eng/view/object/?id=6c3e5cf6-8891-40e0-8b37-a78665c23f27
3. AFSA Technical Challenges (flow test age), Sprinkler Age
   https://www.sprinklerage.com/afsa-technical-challenges/
