

What to know

These guidelines help you prepare your plans and supporting documents for a fire protection system permit. You'll need to submit materials via ProjectDox when you're:

- Doing a new installation
- Adding, removing, moving, or changing the size of piping, parts or devices.

Many replacement projects also require a plan review. Please contact us to determine whether one is required or if it can be waived. You do not need a plan review if you're adding or relocating 20 or fewer sprinkler heads.

Requirements by type of project

While some requirements vary by project, all designs must follow:

- [Minnesota State Fire Code](#)
- [NFPA standards](#)
- [Minneapolis Fire Inspections requirements](#)

Requirements specific to alternative fire suppression systems

Alternative fire suppression systems cannot take the place of required fire sprinkler systems and include:

- Wet or dry chemical
- Carbon dioxide
- Halon
- Clean agent
- Foam system

Required information to submit

- Detailed plans and data sheets for all materials used
- Calculations where required

Requirements specific to fire alarm and communications systems

Required information to submit

- Plans of fire detection systems for preaction
- Plans for deluge sprinkler systems

Requirements specific to fire sprinkler and standpipe systems

Minneapolis Public Works has specific requirements for water connections to fire protection systems. Visit minneapolismn.gov and search "Standard Plates Manual," or [learn more, here](#).

Smoke control systems

Fire Inspections issues permits for smoke control system control panels and fire alarm interface components. For any work involving smoke control equipment installation and repair, [contact Minneapolis Development Review](#).