



25 East State Street, North Aurora, IL 60542  
P: 630.897.1457 F: 630.897.0269  
Website: [www.northaurora.org/forms/](http://www.northaurora.org/forms/)  
Email: [cdinfo@northaurora.org](mailto:cdinfo@northaurora.org)

## AUTOMATIC FIRE SPRINKLER SYSTEM TECHNICAL SUBMISSION

Project Name: _____
Project Address: _____
Owner: _____
Occupant: _____
<b>Design Professional Contact Information:</b>
Name: _____ Phone #: _____
Email: _____

### Applicable Codes and Standards:

- [2021 International Building Code \(IBC\)](#)
- [2021 International Fire Code \(IFC\)](#)
- [National Fire Codes NFPA 10-1194](#)

### Water Flow Test Information:

Date: \_\_\_\_\_ Location: \_\_\_\_\_

Static Pressure: \_\_\_\_\_ Residual Pressure: \_\_\_\_\_ Flow: \_\_\_\_\_

Water Source: \_\_\_\_\_ Seasonal or Local Adjustment: \_\_\_\_\_

Witness: \_\_\_\_\_ Backflow Device(s) Required: \_\_\_\_\_

Water Quality Investigation (MIC or other): \_\_\_\_\_

### Building Information:

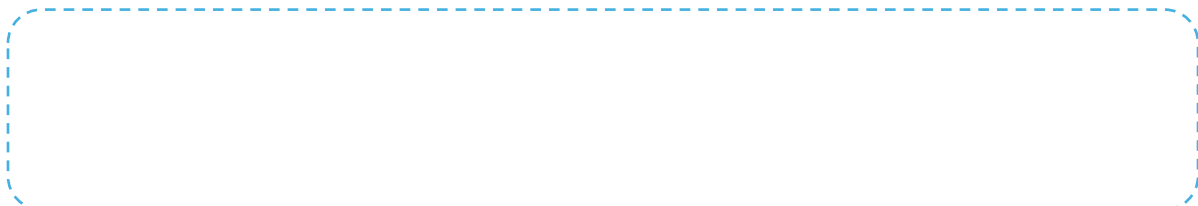
Building Footprint (per square foot): \_\_\_\_\_ Building Height: \_\_\_\_\_

Number of Stories: \_\_\_\_\_ Floor to Floor Height: \_\_\_\_\_ Basement: \_\_\_\_\_

### System Requirements:

Fire Pump: \_\_\_\_\_ GPM: \_\_\_\_\_ Back-up Power: \_\_\_\_\_

Water Storage Tank: \_\_\_\_\_ Standpipes: \_\_\_\_\_ Hose Stations: \_\_\_\_\_



\*\*Design Professional Shall Sign, Seal, and Date ALL Pages\*\*

Page \_\_\_\_\_ of \_\_\_\_\_



25 East State Street, North Aurora, IL 60542  
P: 630.897.1457 F: 630.897.0269  
Website: [www.northaurora.org/forms/](http://www.northaurora.org/forms/)  
Email: [cdinfo@northaurora.org](mailto:cdinfo@northaurora.org)

**Area #:** \_\_\_\_\_

System Type:            Wet            Dry            Pre-action            Antifreeze            Other \_\_\_\_\_

**Description of Use of Area or Hazard:**

Hazard Class: \_\_\_\_\_

**Design Criteria:**

Density: \_\_\_\_\_ Sprinkler Head: K- \_\_\_\_\_ Sprinkler Temperature: \_\_\_\_\_

Area and Spacing per Sprinkler (per square foot): \_\_\_\_\_ Spacing: \_\_\_\_\_

Provide indication if applying any density reduction i.e. Figure 16.2.1.3.4 or Figure 11.2.3.2.3.1

In rack or special sprinklers: \_\_\_\_\_

Use a separate sheet to provide outline of commodity classification, packaging, storage height, storage arrangement, aisles size, open top containers.

**Area #:** \_\_\_\_\_

System Type:            Wet            Dry            Pre-action            Antifreeze            Other \_\_\_\_\_

**Description of Use of Area or Hazard:**

Hazard Class: \_\_\_\_\_

**Design Criteria:**

Density: \_\_\_\_\_ Sprinkler Head: K- \_\_\_\_\_ Sprinkler Temperature: \_\_\_\_\_

Area and Spacing per Sprinkler (per square foot): \_\_\_\_\_ Spacing: \_\_\_\_\_

Provide indication if applying any density reduction i.e. Figure 16.2.1.3.4 or Figure 11.2.3.2.3.1

In rack or special sprinklers: \_\_\_\_\_

Use a separate sheet to provide outline of commodity classification, packaging, storage height, storage arrangement, aisles size, open top containers.





25 East State Street, North Aurora, IL 60542  
P: 630.897.1457 F: 630.897.0269  
Website: [www.northaurora.org/forms/](http://www.northaurora.org/forms/)  
Email: [cdinfo@northaurora.org](mailto:cdinfo@northaurora.org)

**Area #:** \_\_\_\_\_

System Type:           Wet           Dry           Pre-action           Antifreeze           Other \_\_\_\_\_

**Description of Use of Area or Hazard:**

Hazard Class: \_\_\_\_\_

**Design Criteria:**

Density: \_\_\_\_\_ Sprinkler Head: K- \_\_\_\_\_ Sprinkler Temperature: \_\_\_\_\_

Area and Spacing per Sprinkler (per square foot): \_\_\_\_\_ Spacing: \_\_\_\_\_

Provide indication if applying any density reduction i.e. Figure 16.2.1.3.4 or Figure 11.2.3.2.3.1

In rack or special sprinklers: \_\_\_\_\_

Use a separate sheet to provide outline of commodity classification, packaging, storage height, storage arrangement, aisles size, open top containers.

**Area #:** \_\_\_\_\_

System Type:           Wet           Dry           Pre-action           Antifreeze           Other \_\_\_\_\_

**Description of Use of Area or Hazard:**

Hazard Class: \_\_\_\_\_

**Design Criteria:**

Density: \_\_\_\_\_ Sprinkler Head: K- \_\_\_\_\_ Sprinkler Temperature: \_\_\_\_\_

Area and Spacing per Sprinkler (per square foot): \_\_\_\_\_ Spacing: \_\_\_\_\_

Provide indication if applying any density reduction i.e. Figure 16.2.1.3.4 or Figure 11.2.3.2.3.1

In rack or special sprinklers: \_\_\_\_\_

Use a separate sheet to provide outline of commodity classification, packaging, storage height, storage arrangement, aisles size, open top containers.



\*\*Design Professional Shall Sign, Seal, and Date ALL Pages\*\*

Page \_\_\_\_\_ of \_\_\_\_\_