

**Fire Protection
System
Plan Review
Information &
Permit Application**

**Minnesota Department of Public Safety
State Fire Marshal Division**
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St. Paul, MN 55101-5145
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NOTE: Incomplete information WILL delay the processing of this application.

SFM#:

Facility Name: _____	Date of Application: _____
Street Address (No PO Boxes): _____	
City: _____	County: _____
Zip Code: _____	

Value (V): _____ Permit Fee(V x .012): _____ Surcharge(V x .002): _____ Total: _____
 Approx. Start Date (month/yr): _____ Approx. Completion Date (month/yr): _____
 Is this an addition to a current permit? Y N If yes, include permit No.: _____

Sprinkler Contractor: _____	License No: _____
Address: _____	
City: _____	State: _____
Zip: _____	
Designer: _____	Phone: _____
Fax: _____	

Building Code Occupancy Classification (MBC Chapter 3)

A: 1 2 3 4 5 B: E: F: 1 2 H: 1 2 3 4 5
 I: 1 2 3 4 M: R: 1 2 3 4 S: 1 2 U:

Building Code Construction Classification (MBC Chapter 6)

I: A B II: A B III: A B IV: V: A B

Approx. Bldg Footprint (sf): _____ No. Levels (incl. bsmt.): _____ Approx. No. of Heads: _____
 Briefly describe the primary use of this building: _____

Sprinkler System Design Basis

Briefly describe the scope of work for this permit: _____

13-2016 *13R-2016 13D-2016 14-2016 15-2017 20-2016 22-2018 24-2016 Other _____
 Insurance Co. (Attach Letter) Partial System (Attach Code Official Letter)
 Code Variance? Explain: _____

*Check this box → Acknowledging that 13R is the applicable standard as no other building credits (i.e. height, area, access) have been applied to this facility. (Verify with the architect or builder. Failure to provide this acknowledgement for a 13R design may delay this plan review and permission to commence work on the project.)

Division Policy FP-1: Permits for fire protection-related work are required when the number of heads exceeds **20**, and/or the value of work exceeds **\$2,500.00**. Check also with the **local authorities** prior to commencing any work.

Remote Station or Central Station Monitoring will be provided for this system. (>6 new sprinklers, ≥100 existing sprinklers)

Water Supply: Public Main Fire Pump*(Rated Capacity: _____ Press.: _____) Tank or Reservoir: _____ gal.

(*If supply is from a fire pump, provide factory test curve or latest field performance test and indicate driver type.)

Date of test: _____ Location: _____

Static Pressure: _____ psi Residual Pressure: _____ psi Flow: _____ gpm

Size of Main to Bldg: _____ in. Combined w/domestic? Y N Size: _____ in. Solenoid Provided? Y N

System Type: Wet Dry Pre-Action Deluge

Sprinkler System Design Criteria					
Description of Area	Hazard Classification	Type of System	Area/Density or Other Basis	Reference Sections	Notes

- Miscellaneous Storage as defined in NFPA 13 applies to this occupancy Y N
- Is the roof slope greater than 2 in. in 12 in.? Y N If yes, roof slope is: _____
- Flammable/Comb. Liquid Use or Storage Y N If yes, detail information below
- Aerosol Storage Y N If yes, detail information below
- Hazardous Material Use or Storage Y N If yes, detail information below
- Plastic Manufacture or Storage Y N If yes, detail information below
- High-piled/Rack Storage (>12ft) Y N If yes, complete page three for HPS

Detail of hazard(s): _____

I have completed all of the information on this form accurately and to the best of my knowledge. If the design and/or scope of work changes from that which is represented here, I will notify the State Fire Marshal Division in a timely manner. I have read and understand [Minn. Stat. § 299M](#) regarding Fire Protection Licensing and the penalties for providing false information.

Signed: _____

Printed Name: _____

Email Address: _____

High-Piled & Rack Storage (HPS)

High-piled combustible storage is combustible materials in closely packed piles or combustible materials on pallets, in racks or on shelves, where the top of storage is **greater than 12 feet** in height. It also includes certain high-hazard commodities such as rubber tires; group-A plastics, flammable liquids, idle pallets, and other such commodities where the top of storage is **greater than 6 feet** in height. [MSFC Section 3202.1 and Section 202 definitions.]

(Check all that apply)

Solid Piled: Y N Rack Storage: Y N Wood Pallet: Y N Plastic Pallet: Y N
 Solid Shelf: Y N Single Row: Y N Double Row: Y N Multiple-Row: Y N
 Bin-Box: Y N Encapsulated: Y N Storage Height: _____ Roof Height: _____
 Aisle Width: _____ ft. Transverse Flue Space: _____ in. Longitudinal Flue Space: _____ in.

Class I Commodity (describe): _____

 Area/Density: _____ Section/Figure/Curve: _____

Class II Commodity (describe): _____

 Area/Density: _____ Section/Figure/Curve: _____

Class III Commodity (describe): _____

 Area/Density: _____ Section/Figure/Curve: _____

Class IV Commodity (describe): _____

 Area/Density: _____ Section/Figure/Curve: _____

*If storage contains limited amounts of Group-A plastics in mixed quantities, state the overall commodity classification from MSFC Section 3203.9 and figures 3203.9(1) and 3203.9(2)

Protection includes: Std. Sprinklers ELO Large Drop ESFR In-rack sprinklers

Additional Notes: _____

MBC=2020 Minnesota Building Code
 MSFC=2020 Minnesota State Fire Code
 NFPA=National Fire Protection Association