

Fire Protection System

Plan Review Information & Permit Application

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 (MSBC 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 (MSBC 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

Is this an addition to an existing project? Y N If yes, include permit No.:

Briefly describe the scope of work for this permit:

13 2010 *13R 2010 13D 2002 Other NFPA:

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(03): 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. (>20 new heads, >100 new/existing heads)

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. [MN State Fire Code (03) Section 2302.1.]

(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.

<input type="checkbox"/> Class I Commodity (describe): _____ _____ _____ Area/Density: _____ Section/Figure/Curve: _____
<input type="checkbox"/> Class II Commodity (describe): _____ _____ _____ Area/Density: _____ Section/Figure/Curve: _____
<input type="checkbox"/> Class III Commodity (describe): _____ _____ _____ Area/Density: _____ Section/Figure/Curve: _____
<input type="checkbox"/> 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 Fig. 2303.7.4 (2007 MSFC.)

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

Additional Notes: _____

