

**NOTE: Incomplete information WILL delay the processing of this application.** Permit # \_\_\_\_\_

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

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**

Briefly describe the scope of work for this permit: \_\_\_\_\_  
 \_\_\_\_\_

13 2010     \*13R 2010     13D 2010     Other **See alternate alarm and permit application.**

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.)

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 City Fire Marshal 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: \_\_\_\_\_

City Approval: \_\_\_\_\_ Date: \_\_\_\_\_

# 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 2015 Chap 32 & NFPA 13 2010 Chapter 12.

(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 Fig. 2303.7.4 (2007 MSFC.)

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

Additional Notes: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_