



TINLEY PARK FIRE PREVENTION

FIRE SPRINKLER SYSTEMS TECHNICAL SUBMISSIONS INFORMATION



The purpose of this bulletin is to inform applicants of design document submittal requirements for fire protection systems (new and altered). It is applicable to all projects, residential commercial or mixed-use and must be submitted with other building permit documents.

Per Section 3d of the Illinois Professional Engineering Practice Act of 1989 (225 ILCS 325), “ a building permit for a building that requires a fire protection suppression system shall not be issued without the submission of a technical submission prepared and sealed by a licensed design professional.” A licensed design professional is defined as an architect, P.E. or licensed fire protection engineer.

Please provide all of the information requested below on a stamped submittal. Use *NA* for non-applicable sections.

This form does not apply to this permit.

Project Name:	Address Location:
Building Height/Stories:	Building Foot Print (Sq.Ft.):

Codes and Standards Design References:

NFPA 13 ___ NFPA 13R ___ NFPA 13D ___ NFPA 14 ___ EDITION ___ OTHER ___

Hydrant Flow Information:

Location of flow hydrant:			
Location of pressure hydrant:			
Static Pressure:	Residual Pressure:	Pitot Pressure:	Flow(gpm):
Test port size (inches):			
Source of flow data:			Date:

Equipment and Material Information:

Pipe used:	Schedule:	Material:
Fire Department Connection type & location:		
Fire pump location:	Rating:	gpm @ psi
Fire pump (if new) back-up generator location:		
Water storage tank required:	Yes	No
Standpipe Class/location(s):		
Backflow prevention device make/model:		
Incoming water supply size (inches):		

Design Area Description:

Occupancy classification /area use per NFPA 13:		
Ceiling height/slope:	Maximum floor area:	square feet (sq.ft.)
Type of sprinkler system:	Wet	Dry Other
Hydraulic Design Density:	gpm	Area of application: sq.ft.
Maximum coverage area per head: sq.ft		
Required hose stream demand (gpm):		
Type of sprinkler heads:	Temperature:	Orifice Size:
Rack storage type:	Single row	Double row Other Solid shelving
Rack Commodity classification per NFPA 13:	Encapsulated:	Yes No
Number of levels:	Location:	
Maximum rack depth:	feet	Maximum aisle width: feet
Maximum storage height:	Bulk	Palletized Shelf Bin box Rack
In rack sprinkler required:	Yes	No
Type of in rack heads:	Temperature:	Response Type:
Rack hydraulic design criteria:		

Have additional questions? Contact Fire Prevention at 708-444-5200.