

Sprinkler Design Data

Project Name:		System:	
Project Street Address:		Sys. Sq. Ft.:	
Suite:	Floor#:	Ceiling Height:	
Designed By:	Phone:	Total Bldg. Hgt.:	
Occupancy:	Hazard:		

Design Summary

	System #	System #	System #	System #
Design Method				
Design Area #				
Location				
Type of System				
Hazard Class				
Criteria From				
Design Area				
Sprinkler Spacing				
Density				
K-factor				
Hose Allowance				
# Design Sprinklers				
Special Application Spk.				
Requirement ①				
G.P.M. Req'd				
P.S.I. Req'd				
Safety Factor ②				
Safety Factor (PSI)				
Dry Sys. Volume (gal)				

Water Supply Information

Tested by	Date/Time	Pressure Hydrant
Hydrant Elevation	Flow Hydrant # 1	Flow Hydrant #2
Static (PSI)	Residual (PSI)	Flow (gpm)

Copy of Water Test Data Included with Calculation is required

Fire Pump Data

Rated G.P.M.	Rated Pressure	Horsepower
Diesel/Electric	Churn Pressure	Style of pump
Combined Discharge	150% Flow (suction)	150% Flow (gpm)

Certified pump curve required

If Storage is Greater than 12 Feet Complete Commodity Storage Design Information

Commodity Description		Storage Height		Storage Type (Rack,Bin,Pile)		Clearance			
Commodity Class	Stable/Unstable	Open/Close Array			Wet/Dry System				
Figure #	Curve #	Density	Height	Clear	Array	Dry	Design	Minimum	Final
		Area	Factor	Factor	Factor	Penalty	Design	Design	Design
	Initial								
	Secou								
	-day								
Is system compliant with Chapter 23 (FPC)				Is storage area layout, rack, and pile plan included?					