



Fire Sprinkler Hydraulic Data Plate

Project: _____ Date: _____
 Work Site Location: _____ System: _____
 Contractor: _____ Zone: _____
 Contractor Address: _____ Area: _____

SYSTEM DESIGN

Hazard: LH _____ OH-I _____ OH-II _____ EH-I _____ EH-II _____ RES _____
 Misc. Storage up to 12 ft. -Class Type _____ is Equal to _____ Hazard
 NFPA Standard: _____ Edition: _____ System Type: _____
 Area/Sprinkler: _____ sq. ft. used; _____ sq. ft. allowed

Manufacturer: _____

Model	Type	K-Factor	Size	Degree	Qty
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

CALCULATION DATA

Density/Area: _____ gpm/sf over _____ sq. ft. area
 End sprinkler: _____ gpm @ _____ psi No. of sprinklers flowing _____
 Hose stream allowance: _____ gpm Rack demand: _____ gpm
 Demand: At base of riser _____ gpm @ _____ psi
 At pump discharge _____ gpm @ _____ psi
 At source _____ gpm @ _____ psi

SUPPLY DATA

Test location: _____
 Test by: _____ Test date: _____
 Public: Static _____ psi; Residual _____ psi; Flow _____ gpm
 Fire Pump Rating: _____ gpm @ _____ psi; Electric [] Diesel []

PIPE DATA

C-Factor: Aboveground = _____ Underground = _____
 Type: Sched/40 [] Lt. Wall [] XL [] CPVC [] Copper [] Other []
 If Other, specify: _____

RACK STORAGE

Commodity Class: _____ Max. Height _____ ft. Aisle Width _____ ft.
 Figure No. (NFPA 13): _____ Curve: _____ Sprinkler/level to flow: _____
 Rack Demand: _____ gpm @ _____ psi @ Reference pt. _____

BACKFLOW PREVENTER Mfg: _____ Model _____

Note: Any item not applicable must be marked as 'N/A' in the space provided.