Fire Sprinkler Hydraulic Data Plate

NEW JERSEY UNIFORM CONSTRUCTION CODE

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.