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.