

NOTE: Sprinkler Booster pump is a fire pump. Acceptance testing of all fire pumps shall be documented on this form.

1 GENERAL INFORMATION

Address _____	Borough _____
Date of Test _____	Application No. _____
Pump Manufacturer _____	Model No. _____
Pump Capacity (GPM) _____	Rated Horsepower _____
Pump Type _____	Model No. _____
Pump Driver: <input type="checkbox"/> Electric Motor <input type="checkbox"/> Diesel Engine <input type="checkbox"/> Steam Turbine <input type="checkbox"/> Other _____ Motor Voltage _____	

2 SYSTEM INFORMATION

Number of Water Supplies required for Sprinkler System, per BC Q102: _____

*NOTE: When fire pumps are supplied by two different services (i.e., water supplies), conduct the test from each service independent of each other. For example, if primary water supply is city main, and secondary is gravity tank, then fill out **Pump Test 1** below using city main, and **Pump Test 2** below using gravity tank. If applicable, conduct one (1) additional test with both services supplying the pump simultaneously.*

Designed System Demand: Sprinkler: _____ GPM

Have Flush and Hydrostatic Tests been completed as required by NFPA 20, Section 14.1? YES NO

Pump Location in building: _____ Zone & Floors Pump is Serving: _____ Suction Size: _____ in.

Does the electric motor have an alternate source of power and an automatic transfer switch? YES NO

If YES in addition to testing the system with each water supply, the system shall also be tested using the alternate source of power to simulate loss of primary source in accordance with NFPA 20, Section 14.2.9.

3 FIRE PUMP FIELD ACCEPTANCE TEST

PUMP TEST 1: Primary Water Supply *(Circle One: City Main/Gravity/Suction/Pressure Tank)*

Pump Capacity	Flow (GPM)	Discharge Nozzle Size (in.)	Driver Speed (RPM)	Suction Pressure (PSI)	Discharge Pressure (PSI)	Net Pressure (PSI)
Minimum (Churn)						
Rated (100%)						
Peak (150%)						

PUMP TEST 2: Secondary Water Supply *(Circle One: City Main/Gravity/Suction/Pressure Tank)*

Pump Capacity	Flow (GPM)	Discharge Nozzle Size (in.)	Driver Speed (RPM)	Suction Pressure (PSI)	Discharge Pressure (PSI)	Net Pressure (PSI)
Minimum (Churn)						
Rated (100%)						
Peak (150%)						

PUMP TEST 3: Combined Water Supplies *(Circle One: City Main/Gravity/Suction/Pressure Tank)*

Pump Capacity	Flow (GPM)	Discharge Nozzle Size (in.)	Driver Speed (RPM)	Suction Pressure (PSI)	Discharge Pressure (PSI)	Net Pressure (PSI)
Minimum (Churn)						
Rated (100%)						
Peak (150%)						

PUMP TEST 4: Fire Pump on Emergency Power

Pump Capacity	Flow (GPM)	Discharge Nozzle Size (in.)	Driver Speed (RPM)	Suction Pressure (PSI)	Discharge Pressure (PSI)	Net Pressure (PSI)
Minimum (Churn)						
Rated (100%)						
Peak (150%)						

4 SIGNATURE & WITNESS

Did the fire pump perform in accordance with the manufacturer's characteristic curve? YES NO

Relief Valve Properly Set by: _____

Contractor *(name, address, telephone no.)* _____

Licensed Master Fire Suppression Piping Contractor *(print)* _____ Signature _____

The above test was witnessed by *(print)* _____ Signature: _____