Annual Fire Pump Flow Test

BFPE International

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Customer	Inspection Location
Ronald McDonald House	**Ronald McDonald House S-0182857**
1 Aisquith Street	1 Aisquith Street
Baltimore, Maryland 21202	Baltimore, Maryland 21202
Phone: Fax:	Phone: Fax:
Inspection Date: 07/08/2026	

Flow Test Results	
	☑ Low Suction Pressure
	The results of the fire pump test indicate pump is within 5% of the rated PSI/GPM readings from the original pump curve or fire pump nameplate.

Electric Fire Pump Voltage and Amperage Tests not performed in accordance with	
Admin Fire Pump	NFPA TIA #1287

Inspection performed in accordance with
NFPA 25 Standard for Inspection, Test, and Maintenance of Water-Based Fire Protection Systems 2020 ed.

Liability Release Statement:
The owner and/or designated representative acknowledges the responsibility of the operating condition of the component parts at the time of this inspection. It is agreed that the inspection service provided by the contractor as prescribed herein is limited to performing a visual inspection and/or routine testing, and any investigation or unscheduled testing, modification, maintenance, repair, etc., of the component parts is not included as part of the inspection work performed. It is further understood that all information contained herein is provided to the best of the knowledge of the party providing such information.

7/8/26 7/8/26

Customer: Ruben Tech: Adam Prager

Nameplate Information		
Rated GPM 750	Rated PSI 85.2	Rated RPM 3550
Max PSI 99	150% PSI 55	150% GPM 1125

Churn

Suction	Discharge	Net PSI	Speed
60	164	104	3578
	L1:	L2:	L3:
Volts	474	471	474
Amps	33	33	36

Test Point 1

Flow Test Point %: 100.8	Measured Flow: 756	Adj. Flow 752	Measured Press: 84	Adj. Press.: 83	Press. Test Point %: 97%

Outlet Size	1.75	1.75										
Coefficient	0.975	0.975										
Pitot	18	18										
Flow	378	378										

Suction	Discharge	Net PSI	Speed
40	124	84	3569
	L1:	L2:	L3:
Volts	474	471	474
Amps	59	59	62

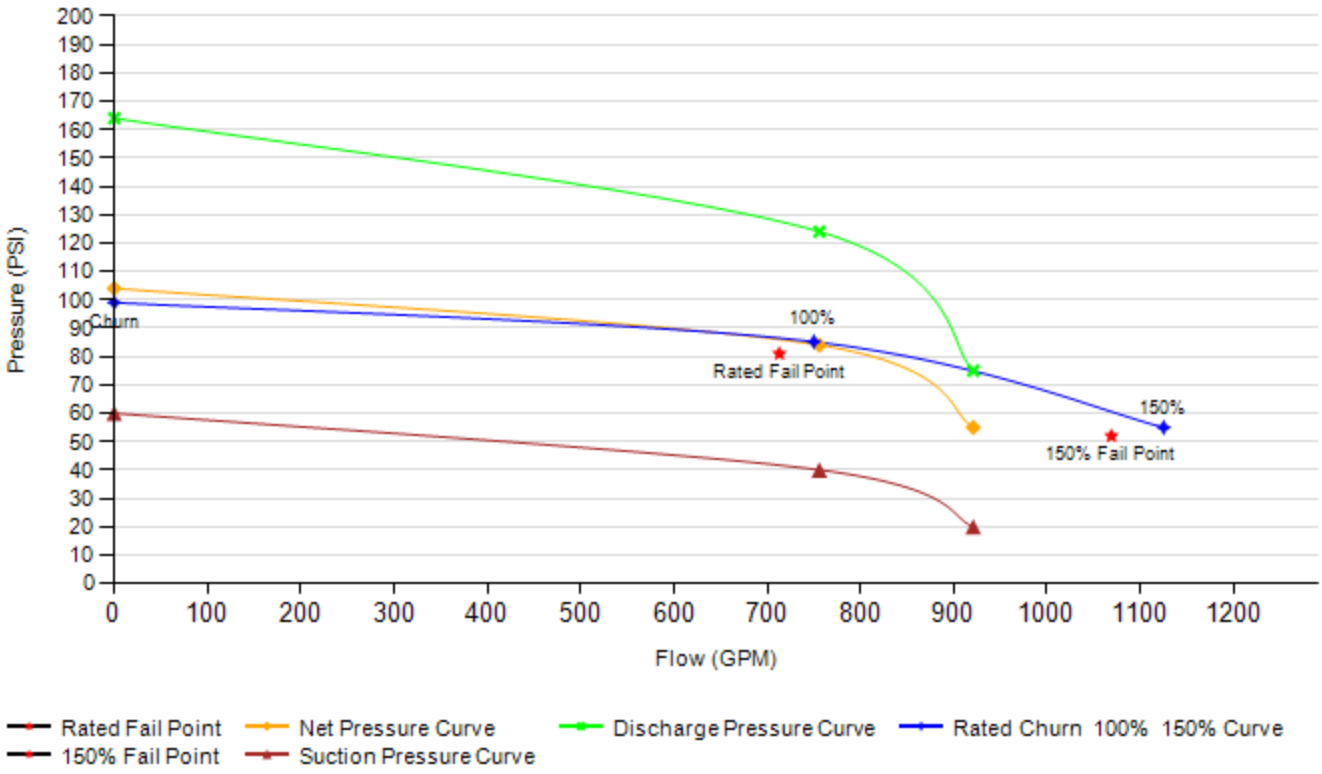
Test Point 2

Flow Test Point %: 122.8	Measured Flow: 921	Adj. Flow 921	Measured Press: 55	Adj. Press.: 55	Press. Test Point %: 65%

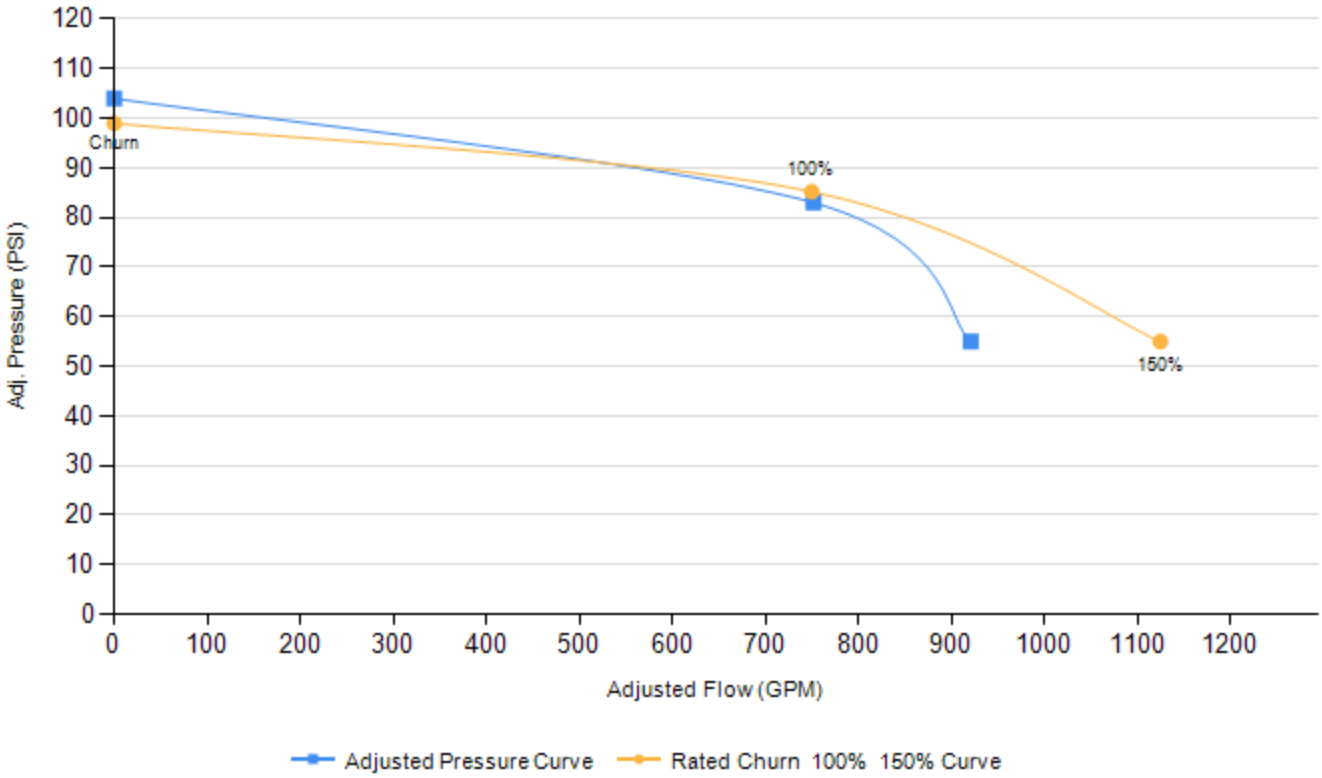
Outlet Size	2.5	2.5										
Coefficient	0.906	0.906										
Pitot	6	9										
Flow	414	507										

Suction	Discharge	Net PSI	Speed
20	75	55	3551

Pressure Vs. Flow Fire Pump Test Curves



RPM Corrected Fire Pump Test Curves



Inspection - Electric Fire Pump

Electric Pump Inspection

Pump suction, discharge and by-pass control valves fully open,and piping free of leaks. (8.2.2(2))	Pass
Suction line pressure gauge reading is within acceptable range. (8.2.2(2c))	Pass
System line pressure gauge reading is within acceptable range. (8.2.2(2d))	Pass
Suction reservoir has required water level & wet pit suction screen in place and unobstructed. (8.2.2(2))	N/A
Waterflow valve in closed position, hose connection valve closed, test valve line free of water. (8.2.2(2))	Pass
Controller pilot light (power on) illuminated (8.2.2(3))	Pass
Oil level in vertical motor sight glass, if available, within acceptable range. (8.2.2(3))	N/A
Power to Jockey pump is provided, if applicable. (8.2.2(3))	Pass
Record pump starting pressure. (8.3.2.9(1a)	145
Record the system suction pressure gauge readings with pump running. (8.3.2.9(1b))	60
Time (sec) controller is on first step. (8.3.2.9(2))	1
Time (sec.) for driver to accelerate to full speed. (8.3.2.9(2))	3
Record time pump runs after starting (for auto stop controller). (8.3.2.9(2))	10 Minutes
Record the discharge pressure gauge readings with pump running. (8.3.2.9(1b))	164
With pump running, check for slight discharge from packing glands; Pump free from any unusual noise or vibration. (8.3.2.9(1))	Pass
Packing boxes, bearing, or pump casing maintain an acceptable temperature during the test. (8.3.2.9(1))	Pass
Pump run minimum 10 minutes. (8.3.2.3)	Pass
Fire pump alarm conditions and supervisory sensors operate when tested through simulation. (8.3.3.10)	Pass
Parallel and angular alignment of pump and driver without any misalignments. (8.3.6.4)	Pass
Suction screens inspected and cleaned after water flow. (8.3.3.12)	N/A
Pressure gauge and sensors, when compared to a calibrated gauge, is less than 5% calibration or have been recalibrated or replaced. (8.1.1.2.21)	Yes

Electric Fire Information — Pump S/N

Fire Pump Fire Pump

Piping

Suction Valve size 6"	Discharge Valve size 6"	Roof Manifold Number / Size of Hose 2 - 1 1/2
Test Header Number / Size of Hose 2.5"	Suction Gauge 64	Discharge Gauge 64
System Gauge 163		

Start/Stop Values

Jockey pump start PSI 155	Fire pump stop PSI 155	Automatic Stop Minutes 10
Fire pump start PSI 145	Manual Stop Yes	Jockey pump stop PSI 165

Pump

Pump Type Horizontal Split Case	Pump Serial Number 50001138	Impeller 9"
Manufacturer Patterson Pumps	Pump Model Number 98738200	Stages 2

Electric Motor

Driver Type Electric	Horse Power 50	Phase 1
Manufacturer Baldor	RPM 3520	Cycles 1
Model Number FPM2542T	Volts 460	Service Factor 1
Serial Number 0611220262	Amps 58	

Controller

Type Electric Across-the-Line Start	Serial Number W210143273	Phase 3
Manufacturer Tornatech	Motor 0	
Model Number 519W46050360	Volts 460	

Transfer Switch

Manufacturer Generac Power Systems	Model Number FMP2542T	Serial Number W210143273