



CINTAS FIRE-FORT MYERS

12771 WEST LINKS, DRIVE
 SUITE #1
 FORT MYERS, FL 33913
 USA
 33913

Annual Fire Pump Flow Test

Customer	Inspection Location
PROMENADE EAST CONDO 00F244017	PROMENADE EAST CONDO 00F244017
21405 OLEAN BLVD	21405 OLEAN BLVD
PORT CHARLOTTE, FL 33952	PORT CHARLOTTE, FL 33952
Phone: 9416276880 Fax:	Phone: Fax:
Inspection Date: 04/23/2020	

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.

Pass

Fire Pump Electrical Testing was not performed in accordance with TIA 1364 & TIA 1287

Fire Pump System

Fire Pump House/Room

Ventilating louvers free to operate, no excessive water collecting on floor. (8.2.2)	Pass
Coupling guard in place. (8.2.2)	Pass

Supervisory Devices

Fire Pump Supervision

Visual inspection verifying unit was free of physical damage. (13.2.8.1)	Pass
Fire Pump supervision annunciated properly when tested. (13.2.8.2)	Pass

Valves

Circulation Relief Valve

Pump circulation relief valve in open position, not leaking and handwheels in place and not broken. (13.5.1.1)	Pass
Sufficient water flows through valve with pump operating at shutoff pressure. (13.5.6.1.2)	Pass
Pump circulation relief valve closed properly after test completed. (13.5.6.1.3)	Pass

Pressure Relief Valve

Pressure downstream of the relief valve fittings in discharge piping does not exceed pressure system rating. (13.5.6.2.2)	Pass
Valve not leaking, and in open position (13.5.1.1)	Pass
Valve, under test conditions, relieves at correct pressure and closes below that pressure. (13.5.6.2.3)	Pass

Control Valves

Type	Area/Location	Model Size	Accessible	Condition	Secured	Exercised	Seal	Valve Test
Control Valve - locked/tamper	INLET VALVE	OS and Y 8"	Pass	Pass	Pass	Pass	GREEN	Pass

Inspection Comments

RECOMMEND REPLACING THE PUMP PACKING BOLTS AND PACKING DUE TO CORROSION, SEE ATTACHED PICTURES.

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.

CNATS

4/23/20

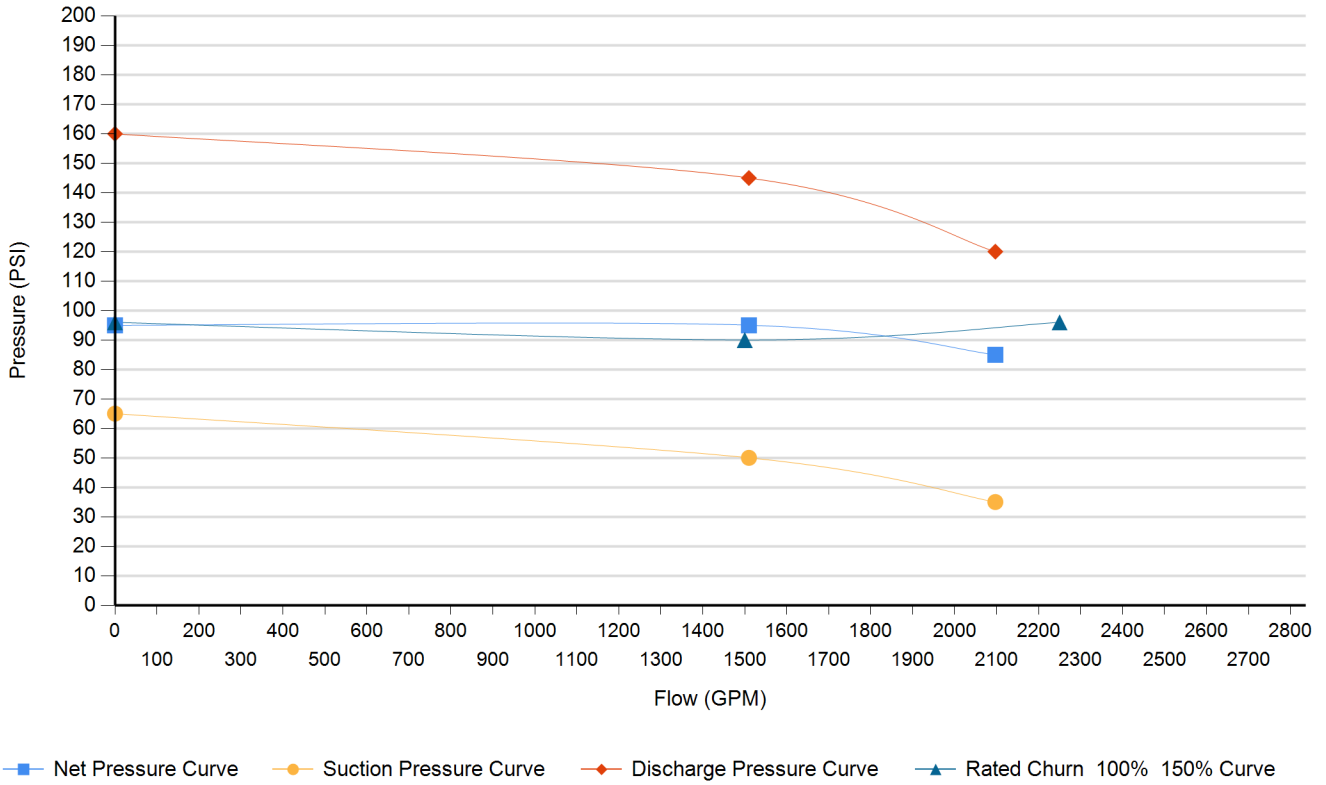
4/23/20

Customer: TERRY

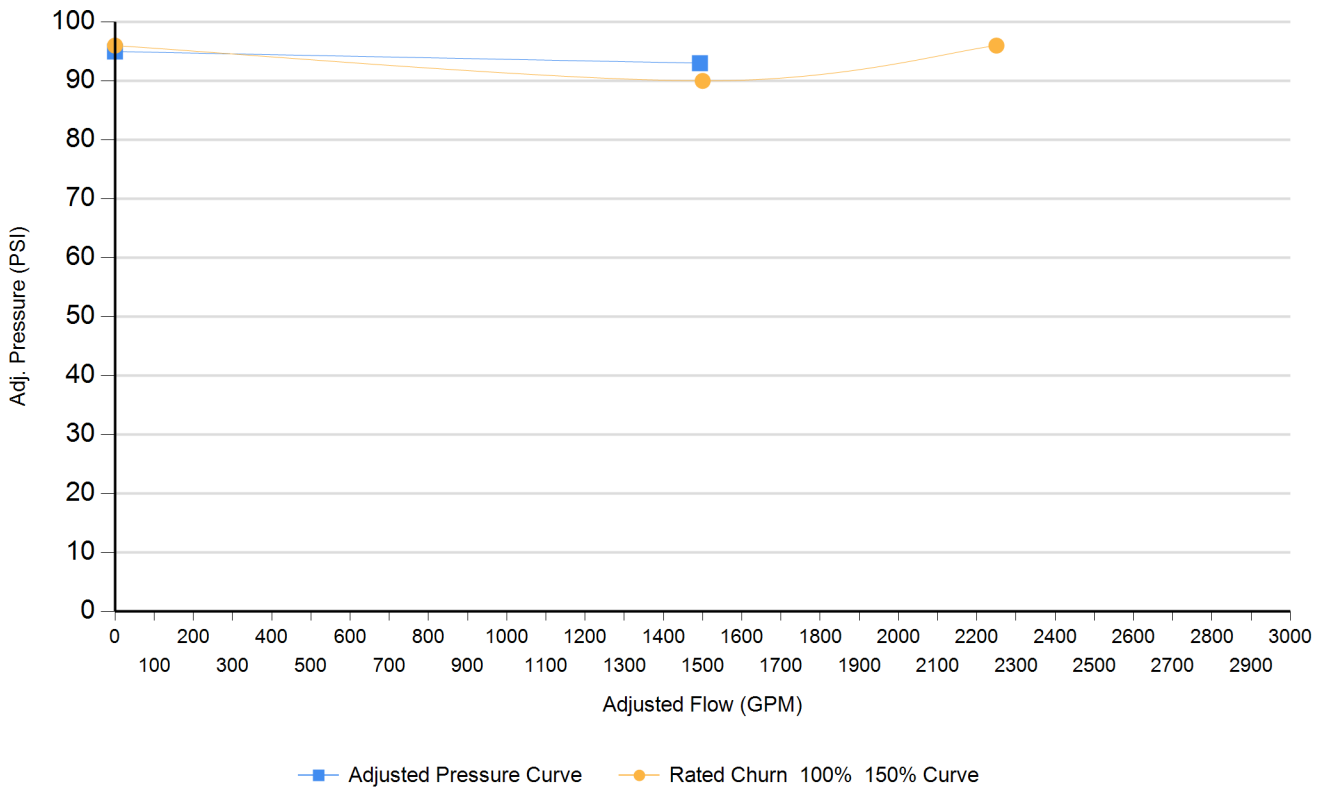
Tech: OLSEN GARCIA 00F2401

Nameplate Information											
Rated GPM 1500				Rated PSI 90				Rated RPM 1750			
Max PSI 96				150% PSI 96				150% GPM 2250			
Piping											
Suction Valve size 8"				Discharge Valve size 8"				Roof Manifold Number / Size of Hose 8 - 2 1/2			
Test Header Number / Size of Hose 8 - 2 1/2				Suction Gauge 70				Discharge Gauge 70			
System Gauge 155											
Start/Stop Valve											
Jockey pump start PSI 130				Fire pump stop PSI 0				Automatic Stop Minutes 30			
Fire pump start PSI 115				Manual Stop Yes				Jockey pump stop PSI 150			
Pump											
Pump Type Horizontal Split Case				Pump Model Number 1823FH				Impeller 15"			
Manufacturer Fairbanks-Morse				Pump Serial Number 071589728				Stages 1			
Diesel Motor											
Driver Type Diesel				Serial Number PE 60887692521				Horse Power 119			
Manufacturer Clarke				Model Number JU6 H ~UFO8				RPM 1760			
Controller											
Type Diesel Controller				Controller Model Number 10710				Phase 0			
Manufacturer Joslyn Clark				Horse Power 30				Volts / Ground 120			
Serial Number 263451				Volts 120							
Churn											
Suction			Discharge			Net Pressure			Speed		
65			160			95			1806		
Test Point 1											
Flow Test Point %: 100.7		Measured Flow: 1510		Adj. Flow 1493		Measured Press: 95		Adj. Press.: 93		Press. Test Point %: 103%	
Outlet Size	2.0	2.0									
Coefficient	1.38	1.38									
Pitot	21	21									
Flow	755	755	0								
Suction			Discharge			Net Pressure			Speed (rpm)		
50			145			95			1770		
Test Point 2											
Flow Test Point %: 139.8		Measured Flow: 2097		Adj. Flow		Measured Press: 85		Adj. Press.:		#Error	
Outlet Size	2.0	2.0	2.0								
Coefficient	1.38	1.38	1.38								
Pitot	18	18	18								
Flow	699	699	699	0							
Suction			Discharge			Net Pressure			Speed (rpm)		
35			120			85					

Pressure Vs. Flow Fire Pump Test Curves



RPM Corrected Fire Pump Test Curves



Speed VS Flow - Fire Pump Test Curve

