Fire Pump Annual Performance Test Report

esting Information: Date:	09/13/19	7-11	Job Number:	CA28708	8.33	* F -200
Technician: RANDY HATTON		Date of Last Test: UNKOWN				
ocation Data:				- Italiano		
Street: City:	M AND T BA 1101 RUSSE BALTIMORE MARYLAND		21203			
ump Data:						
Pump Manufacturer:	PEERLESS		Model / Type:	6AEF10		
Type of Pump:	CENTRIFUG	BAL	Serial #:	186433		
Rated Capacity:	1250	gpm (L/min)	Size:	4-384-7		
Rated Pressure:	135	psi (bar)	Suctionx	4		
Rated Speed:	3540	rpm	Discharge:	3		
Power:	The second secon	HP	Suction From:	CITY		
lotor Data:						
Manufacturer:	BALDOR		Serial Number:	C1706221312		
Phase:	3	Cycles:	60 HP:	125	AMP:	165
Rated Voltage:	460	RPM:	3540			
Controller Data:						
Manufacturer:	HUBBLE		Serial Number:	1		
Model/Type:	LV 4200		1.01 ×2	VICO	FM:	NO
wodon Typo.	LA-1200			YES		
Voltage:		Is the Co	UL: Phase: ontroller Pilot Light (Power On	3	Cycles:	
Voltage:	480	versal Pilot Liç W. Was the	Phase:	3 i) Illuminated? tion Light On? ted manually? ressure drop? ncy measure?	Cycles: YES YES YES YES YES	
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Piping Data: Sensing Lines per NFPA 20? Check valves - suction: Control valves - suction: Does the Automatic Start and Stop Date Fire Pump - Auto Cut-in PSI: Fire Pump - Auto Cut-out PSI: Vater Supply: Source of Supply:	NO 4 4 Did Did te pump room ta: 140 170	in. Did the relie the pressure Is the disciplated adequate	Phase: ontroller Pilot Light (Power Onght Off of Normal Phase Rotal Was the Fire Pump started by parties the Fire Pump started by emerger Are supervisory alarms monito Auto Air Release: Discharge: 4 Discharge: 4 Discharge: 4 ef valve open at pump churn? re close during pump testing? relief valve operate properly? retion gauge reading normal? harge gauge reading normal? hate heat, light and ventilation?	3 i) Illuminated? tion Light On? ted manually? ressure drop? ncy measure? red remotely? N/A in. in. YES YES YES YES YES YES YES YES	Cycles: YES YES YES YES YES YES YES YES	4
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Fire Pump Annual Performance Test Report

Annual Test Summary Data:	Test 1		Test 2		Test 3	
Test Year	2018	2019	2018	2019	2018	2019
Approx. % of rate pump discharge	0%	0%	100%	100%	150%	150%
Speed RPM		3580		3568		3553
Discharge Pressure PSI		210		182		160
Suction Pressure PSI		74		62		60
Net Pressure PSI	#VALUE!	136	#VALUE!	120	#VALUE!	100
Number of Streams	0	0	5	5	5	5
Size of Streams	0	0	1 3//4	1 3/4	1 3/4	1 3/4
Pitot #1 PSI	0	0		8	12	18
Pitot #2 PSI	0	0		8	1.3	18
Pitot #3 PSI	0	0		8		18
Pitot #4 PSI	0	0		8		18
Total GPM Flow	0	0	1260	1260	1890	1890
% of Capacity	0%	0%	101%	101%	151%	151%
Voltage:						
V1		466		466		466
V2		466		466		466
V3		465		465		466
Amps:					a gra	
A1		32		35		42
A2		32		35		42
А3		32		35		42
Remarks: PUMP FLOW COMPLETED						
Fire Pump Churn Baseline Ca	alculations GPM	PSI				
Churn 100% 150%	0 1250 1875	135 135 87.75				

- 2019 Test Results 2018 Test Results Fire Pump Arc Flow - gpm Pressure - Net PSI

Fire Pump Test Results - 2018 vs. 2019