

Report of Inspection, Testing, and Maintenance of Fire Pump

Pump ID: Sample Fire Pump

Building Name: Sample Building

Building Owner: Acme, Inc

Job Site: 123 Maple Ln
5th Floor
Safety City, IL 60042

Date of Test: 2017-04-01

Type of Test: Sample Annual Fire Pump Test



Testing Firm: Nolan Fire Pump System Testing
2585 Millennium Drive
Unit B
Elgin, IL 60124

Testing Firm Noelle Masen
Contact: noelle@aquariusfp.com
847-289-9191

Customer Information

Company Name: Sample Annual Customer

Full Name: William Watson

Phone Number: 555-555-1234

Fax Number: 555-555-5678

Email: wwatson@sample.com

Address: 123 Elm St
Suite 42
Springfield, AK 99542

Fire Pump	
Pump ID:	Sample Fire Pump
Pump Type (check one):	<input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical In-Line <input type="checkbox"/> Vertical Turbine <input type="checkbox"/> End-Suction
Manufacturer:	Fire Pump Industries
Model:	ABC Pump
Serial Number:	01-234567
Listed (check all that apply):	<input checked="" type="checkbox"/> FM <input checked="" type="checkbox"/> UL <input type="checkbox"/> ULC
Rated Capacity (GPM):	1250
Total Dynamic Head (ft):	231
Head at Churn 0% (PSI):	107
Head at Rated 100% (PSI):	100
Head at Overload 150% (PSI):	87
Rated Speed (RPM):	1775
Pump Rotation:	<input checked="" type="checkbox"/> Clockwise <input type="checkbox"/> Counterclockwise
Suction From:	City Main
Impeller Diameter (In):	15.7
Right Angle Gear	
Gear Ratio:	0
Fire Pump Driver	
Type:	<input type="checkbox"/> Diesel Engine <input checked="" type="checkbox"/> Electric Motor <input type="checkbox"/> Other _____
Manufacturer:	ABC Motor
Model:	DK123459
Serial Number:	ABC6789
Listed (check all that apply):	<input type="checkbox"/> FM <input checked="" type="checkbox"/> UL <input type="checkbox"/> ULC
Rated HP:	125
Rated Speed (RPM):	1780
Frame Size:	405TS
Motor Enclosure Type:	ODP
Electric Driver	
Rated Voltage:	460
Rated Full Load Amps:	147
Phase:	3.0
Cycles (Hz):	60
Service Factor:	1.15
Fire Pump Controller	
Type:	Across the line
Manufacturer:	Controller Industries
Model:	FPCC789
Serial Number:	34526ABC

Listed (check all that apply):	<input checked="" type="checkbox"/> FM <input checked="" type="checkbox"/> UL <input type="checkbox"/> ULC
Rated HP:	125
Phase:	3.0
Cycles (Hz):	60
Rated Voltage:	480
On PSI:	135
Off PSI:	145
Type of Start:	Automatic
Run Timer Setting (min):	10
Jockey Pump	
Manufacturer:	Jockey Industries
Model:	JP4567
Serial Number:	12345ABC
Rated HP:	1.5
Rated Speed (RPM):	3450
Rated Flow (GPM):	0
Rated Pressure (PSI):	0
Phase:	3
Cycles (Hz):	60
Rated Voltage:	460
Rated Amps:	0
Jockey Pump Controller	
Manufacturer:	Pump Controller Industries
Model:	JPC1.5
Serial Number:	56789
Rated HP:	1.5
Phase:	3
Cycles (Hz):	60
Rated Voltage:	460
On PSI:	145
Off PSI:	155
Other Information	
Notes:	This is a sample fire pump. Manufactures, models, and serial numbers were made up.

Test Results

Date of Test:	2017-04-01
Type:	Sample Annual Fire Pump Test
Fire Department Attendee:	Inspector John Fire
Building Representative Attendee:	Joe Fire
Testing Firm Attendee:	J. Nolan
Flow Device Used:	1 3/4" Nozzle Insert (HM2H)
Other Information:	The fire pump passed the test. No failures to report.

	RPM	Pressures			Streams					Total Flow		Volts	Amps	Corrected	
		Disch.	Suct.	Net	Flow	1	2	3	4	Flow GPM	% Rated Capacity			Flow %	Press.
1	1794	156	36	120	Flow Device	-	-	-	-	0	0	486	87	0	117.5
					PSI							487	84		
					GPM							487	83		
2	1786	130	24	106	Flow Device	HMNI1.7 5-HM2H	HMNI1.7 5-HM2H	HMNI1.7 5-HM2H	HMNI1.7 5-HM2H	1259	100.7	484	139	100.1	104.7
					PSI	12	12	13	13			486	138		
					GPM	308.4	308.4	321	321			487	138		
3	1784	103	12	91	Flow Device	HMNI1.7 5-HM2H	HMNI1.7 5-HM2H	HMNI1.7 5-HM2H	HMNI1.7 5-HM2H	1867.6	149.4	484	156	148.7	90.1
					PSI	27	27	28	28			486	155		
					GPM	462.7	462.7	471.2	471.2			486	155		

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