

Fire Pump Test Report

ABC Paint Company

40 Washington Street
Maplewood, MD 20678

7/31/2001

Conducted by:

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FIRE PUMP TEST REPORT

ABC Paint Company

Company

Name: **ABC Paint Company**
Address: **40 Washington Street**
City/St/Zip: **Maplewood, MD 20678**
Contact Name: **Kenney McRuckles**
Title: **Facilities Manager**
Dept: **Facilities Management**
Phone: **410-555-1234** Ext:

Pump

Manufacturer: **Reddy Buffaloe** Label: **UL**
Model Number: **6x6 DF**
Serial Number: **845-136-DF6**
Pump Type: **Horizontal** RPM: **1750**
Rating - Churn: **0 gpm @ 60 psi**
100%: **750 gpm @ 50 psi**
150%: **1,125 gpm @ 32.5 psi**
Elevations - Pump: **ft** Discharge Gauge: **1 ft** Suction Gauge: **1 ft**
Diameters - Impeller: **9.125 in** Discharge Pipe: **6 in** Suction Pipe: **6 in**
Inner Bearing: **3251** Outer Bearing: **3450**
Rotation: **Clockwise** Max. Discharge Pressure: **230 psi**
Driver Type: **Diesel**

Diesel Driver

Manufacturer: **Ajax TEFC** Label: **UL**
Model Number: **RB-30-2-8577**
Serial Number: **123465789**
Horsepower: **30** RPM: **1750** # cylinders: **8**
Fuel Tank Location: **Outside north wall of pump house** Gallons: **300**

Jockey Pump

Manufacturer: **Burkes** Label: **FM**
Model Number: **37CT7M**
Serial Number: **368313**
Horsepower: **0.75** RPM: **3450** Flow: **5 gpm**
Pressure: **120 psi** Suction Diam: **1.00 in** Discharge Diam: **0.75 in**

Pump Controller

Manufacturer: **Firetrol** Label: **UL/FM**
Model Number: **FTA 750-AA30H**
Serial Number: **117400**
On Pressure: **90 psi** Off Pressure: **100 psi** Run Timer: **10 mins**
AutoTest Freq: **Weekly** Auto Test On: **7:00 am** Auto Test Off: **7:30 am**

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Jockey Pump Controller

Manufacturer: **Firetrol**

Label: **UL**

Model Number: **FTA 500-AA34H-X**

Serial Number: **117404**

On Pressure: **110** psi

Off Pressure: **135** psi

Brake Horsepower

Brake Horsepower: **30.00**

Maximum BHP: **26.00** at Positive Suction Pressure: **180** psi

Relief Valve(s)

	Manufacturer	Size	Pressure
Pump Pressure -	Acme	4.00 in	175 psi
Pump Casing -	Acme	0.75 in	120 psi
Jockey Casing -	Acme	0.75 in	175 psi

Transfer Switch

Serial Number: **123456798**

Model Number: **789456-456**

Manufacturer: **Boone Electric**

Emergency power Source: **Diesel generator**

Transfer Time: **1** secs

Factory Curve

Flow:	0	200	400	600	750	800	1,000	1,125	0	0 gpm
Pressure:	60.0	58.0	56.0	53.0	50.0	49.0	39.5	32.5	0.0	0.0 psi

Right Angle Gear

Manufacturer: **Amarillo Gear**

Model Number: **AMR-1234**

Serial Number: **12345-678**

Ratio: **1x1**

Input RPM: **1750**

Output RPM: **1750**

Pump Notes

Jockey sensing line takeoff in wrong location.

Water from packing glands not draining properly. Drain pipe may be obstructed.

Test

Date: **7/31/2001**

Start: **12:00:00 PM**

End: **12:30:00 PM**

Method: **Devices with hose**

Discharge Device: **Playpipes**

Suction Pressure Location: **Pump suction flange**

Discharge Pressure Location: **Pump discharge flange**

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Flows

#	Time	Disch	Suct	Flow	RPM	Amperes				Volts			Net Press	Corrected		% Flow
		Press	Press			A	B	C	A-B	B-C	A-C	Flow		Press		
1	12:15	118.0	62.0	0	1,783	38.0	37.0	36.0	205.0	204.0	205.0	56.0	0	54.0	0	
2	12:20	111.0	60.0	378	1,776	47.0	47.0	46.0	204.0	204.0	203.0	51.0	372	50.0	50	
3	12:22	100.0	54.0	756	1,767	58.0	58.0	57.0	204.0	204.0	204.0	46.0	749	45.0	100	
4	12:24	84.0	47.0	1,126	1,764	64.0	65.0	63.0	204.0	205.0	203.0	37.0	1,117	36.0	149	

Tester(s)

Name	License	State
Mark Lentocha, PE	12345	MD
Jim Brown	23456	MD
Tracy Duffey		
Brent Wallace		

Authority Having Jurisdiction

Name: **Howard Packer**
Title: **Fire Marshall**
Company: **Torington Fire Department**
Phone: **410-555-1212** Ext:
Fax: **410-555-7456** Cell:
E-mail: **Robert_Marlow@ToringtonFD.com**

Witness(es)

Name: **Tom Duross**
Company: **Two Guys Insurance**
Phone: **816-555-1456** Fax: **816-555-1232**
E-mail: **Tom_Duross@TwoGuys.com**
Name: **Gary Heubeck**
Company: **Two Guys Insurance**
Phone: **816-555-1457** Fax: **816-555-1232**
E-mail: **Gary_Huebeck@TwoGuys.com**

Diesel Fluids

Fuel Tank - Start: **Full** End: **7/8** Oil Level: **Full**

Temperatures

Pump Bearing - Inner: **120 °F** Outer: **125 °F**
Driver Bearing - Inner: **170 °F** Outer: **180 °F**

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Gauges & Meters

	Type	Calibration Date
Pressure Gauges:	Nemco ACS-102 Digital	1/15/2001
Volt Meter:	Enrico Model 156	12/15/2001
Amp Probe:	Enrico Model 158	12/15/2001
Tachometer:	Accurate Model 23	8/6/2001

Test Notes

Test went well - no problems noted.