

# Fire Pump Inspection Report



**Location Code:** GNSZSYS

**Contact:** CINDY CROYLE

**Contact Address:** 6467 MIKE WOOD BLVD  
CONNEAUT LAKE, PA 16316-6661

**Phone:** 412-477-7816

**Email:** cynthia.a.croyle.ctr@army.mil,  
reginald.cook@cmimgmt.com

**Property Evaluated:** USAR PA118 CONNEAUT LAKE  
(Business)  
6467 MIKE WOOD BLVD  
CONNEAUT LAKE, PA 16316-6661

**Description:** Fire Pump (USAR CONNEAUT LAKE A  
4-25 FP)

**Work Order:** SV2503190286

**Company:** GRUNAU FIRE PROTECTION

**Address:** 590 E WESTERN RESERVE RD, BLDG  
5  
BOARDMAN, OH 44514

**Company Phone:** 330-758-3500

**Inspector:** RYAN HAHN  
OH FIRE - 54.78.1541

**Date of Work:** 4/4/2025

**Frequency:** Annual

**Tag:** ANNUAL INSPECTION

## Deficiency Summary

**Status:** Open

4. Piping free from leaks?

8" FLANGE GOING TO PUMP TEST HEADER LEAKING FROM GASKET ON KENNEDY OS&Y VALVE IN SIDE PUMP ROOM, ALSO 8" TEST HEADER FLANGE OUTSIDE GASKET LEAKING. DUE TO LEAKING TEST HEADER UNABLE TO PERFORM FIRE PUMP TEST. RECOMMEND PROPER REPAIRS BEFORE TESTING PUMP.

\*See attachment below



---

**Status:** Open

Is the net pressure test result, adjusted for the speed of the pump, at or above 95% of the Rated pressure at the rated flow of the pump?

UNABLE TO PERFORM PUMP FLOW TEST

---

### General Comments

*These items are outside the regular scope of the required inspection and are not the result of an engineering review. This information is not intended to be all-inclusive but rather a list of items discovered as a by-product of the required inspection.*

UNABLE TO PERFORM ANNUAL FIRE PUMP TEST DUE TO TEST HEADER FLANGES LEAKING. PICTURES ARE ATTACHED TO REPORT OF LEAKING FLANGES.

## Fire Pump Inspection Report

Tag \_\_\_\_\_ **ANNUAL INSPECTION** \_\_\_\_\_

Annual

Inspection Frequency:

Property Being Evaluated:

USAR PA118 CONNEAUT LAKE (Business)

Owner:

CINDY CROYLE

Owner's Phone Number:

412-477-7816

Property Address:

6467 MIKE WOOD BLVD, CONNEAUT LAKE, PA, 16316-6661

### 1. General

#### A. (To be filled out by the Owner or Owner's Representative)

Has the Owners section been answered on another inspection report that will be submitted with this inspection report?

Yes  No

#### B. (To be answered by the inspector)

1. Is System in service upon arrival?

Yes  No

#### C. Fire Pump Information

1. Fire pump shaft
2. Fire pump Manufacturer
3. Fire pump Model/Type
4. Fire pump serial number
5. Impeller diameter
6. Fire pump rated GPM
7. Fire pump rated RPM
8. Fire pump rated PSI:
  - a. Fire pump rated PSI at churn
  - b. Fire pump rated PSI at 100%
  - c. Fire pump rated PSI at 150%
9. Suction from
10. Tank size
11. Tank height
12. Is this a Vertical Turbine Type?

Horizontal  Vertical

AC (XYLEM)

393H / 6100

21-090471-01-01 / L7926P

17.70

1500

1760

141

125

105

WELL / TANK

UNKNOWN

UNKNOWN

Yes  No

#### D. Driver Information

Driver manufacturer  
 Driver model or type  
 Driver serial number  
 Driver rated HP  
 Driver rated RPM  
 Driver engine type  
 Driver rated voltage  
 Driver operating voltage  
 Driver Phase  
 Drive Cycles  
 Driver service factor

CLARKE

JU6H-UFADNG

PE6068N016344

190

1760

Electric  Diesel

N/A

N/A

N/A

N/A

N/A

#### E. Controller Information

Controller manufacturer  
 Controller model or type  
 Controller serial number  
 Controller Start PSI  
 Controller Stop PSI

TORNATECH

DM

WZ1147429

N/A

N/A

#### F. Jockey Pump Information

1. Is there a Jockey Pump?
2. Jockey pump manufacturer
3. Jockey pump model or type
4. Jockey pump serial number
5. Jockey pump on PSI
6. Jockey pump off PSI

Yes  No

GOULDS (XYLEM)

E-SV

C2006291

165

175

**2. - Inspector's Section**

**A. Inspections - All to be performed weekly**

1. Pump house/room proper temperature?  Yes  No  N/A  
 2. Ventilating louvers in pump room appear operational?  Yes  No  N/A  
 3. Pump suction, discharge, and bypass valves are open?  Yes  No  N/A  
 4. Piping free from leaks?  Yes  No  N/A  
 5. Suction and system pressure gauges normal?  Yes  No  N/A  
 6. Suction reservoir, if provided, is full?  Yes  No  N/A  
 7. Wet pit suction screens are clean and in place?  Yes  No  N/A  
 8. Waterflow test valves in closed position?  Yes  No  N/A  
 9. Diesel Engine Driven Pumps:  
 a. Diesel fuel tank is at least 2/3 full?  Yes  No  N/A  
 b. Controller selector switch is in "auto" position?  Yes  No  N/A  
 c. Voltage readings for batteries (2) are normal? Charging current readings are normal for batteries?  Yes  No  N/A  
 d. Pilot lights for batteries are on or battery failure pilot lights are "off"?  Yes  No  N/A  
 e. All alarm pilot lights are "off"?  Yes  No  N/A  
 f. Record engine running time from meter: 91.6  
 g. Oil level is normal in right-angle gear-drive pumps?  Yes  No  N/A  
 h. Crankcase oil level is normal?  Yes  No  N/A  
 i. Cooling water level is normal?  Yes  No  N/A  
 j. Electrolyte level in batteries is normal?  Yes  No  N/A  
 k. Battery terminals free of corrosion?  Yes  No  N/A  
 l. Water-jacket heater is operational?  Yes  No  N/A  
 10. Circulation relief valve flowing water?  Yes  No  N/A  
 11. Pressure relief valves operating with proper pressure downstream while pump is operational?  Yes  No  N/A

**B. Testing - Report any failures in the Comments for this form**

**2. Annual Tests (in addition to above items)**

Annual pump test was run using the following method?

Method A  Method B  Method C

Method A - discharge of water through flow streams. Flow readings taken at each hose stream.

Method B - discharge through bypass flow meter to drain or suction reservoir. Flow readings taken by flow meter.

Method C - discharge through bypass flow meter directly returned to pump suction. Flow readings taken by flow meter.

*Note: at least once every three years, method A or B must be used.*

**Pump Test Results Table**

	<b>Churn</b>	<b>50%</b>	<b>100%</b>	<b>Peak Flow</b>
Suction Pressure	0	0	0	0
Discharge Pressure	0	0	0	0
Measured Net Pressure	0.0	0.0	0.0	0.0
Net Pressure at Rated RPM	NaN	NaN	NaN	NaN
Observed Flow	Not Applicable	0	0	0
Flow at Rated RPM	Not Applicable	NaN	NaN	NaN
Electric Voltage and Current	0	0	0	0
Pump Speed	0	0	0	0
Pump Performance at Rated Flow	Not Applicable	Not Applicable	NaN	Not Applicable

Include 50% flow on the chart?

Yes  No

**Error rendering pump curves**

Is the net pressure test result, adjusted for the speed of the pump, at or above 95% of the Rated pressure at the rated flow of the pump?

Yes  No  N/A

a. Do the remaining values in the results table appear to be acceptable?

Yes  No  N/A

b. Diesel engine driven pump ran for 30 min?

c. Circulation and pressure relief valves operated properly during all flow tests?  Yes  No  N/A

d. No alarm indicators or other visible abnormalities observed during no-flow test?  Yes  No  N/A

e. Suction screens cleaned after flow?  Yes  No  N/A

f. Automatic transfer switch test:

1. Power failure simulated during peak flow?  Yes  No  N/A
2. Connection made to alternate source?  Yes  No  N/A
3. After termination of simulated power failure did motor reconnect to normal source?  Yes  No  N/A

g. All alarm conditions simulated?  Yes  No  N/A

h. All alarms operated?  Yes  No  N/A

i. Have the gauges, transducers, flow meters and other devices used for measurement calibrated within the past year?  Yes  No  N/A

j. Electric Fire Pump was manually started? (Do not use the emergency start switch)  Yes  No  N/A

**3. Observations**

*These items are outside the regular scope of the required inspection and are not the result of an engineering review. This information is not intended to be all-inclusive but rather a list of items discovered as a by-product of the required inspection.*

Please see the summary section at the top of the form for the comments.

**4. Inspector Information:**

Test Verification:

Inspected By

Inspector Signature

Inspector License:

Date of Work

RYAN HAHN



OH FIRE - 54.78.1541

4/4/2025