



ANNUAL INSPECTION - ELECTRIC FIRE PUMP

12574 Promise Creek IJL, Ste 118
Fishers, Indiana 46038
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Job Name: Mega Data Center Date: March 6, 2024
Address: 1000 Casile Dr Customer: Property Management Group
Fishers, IN 46038 POI 56-2024091
Room Name: WR-2522-BYG Contact: Marvin Middlelin 574-229-2094

Controller Model No.: FTA193().AM1258-TSA.CTS1-AV-AC-MZN-USBX-Y9IH109

Controller Serial No.: FZ1257854

Manufacture Date: March 11, 2022

Start Pressure: 120

Stop Pressure: 170

Auto or Manual Stop: Auto

Duration: 30 sec

Automatic Weekly Test? Yes

Date: 4/10/2024

Time: 14:30

Min: 15

JPC Model: FTA570-AG001H

JPC Serial: FZ1328535

Start Pressure: 130

Stop Pressure: 180

On Delay Timer: No

011 Delay Timer: No

On/011 Delay Timer: Yes

Motor Brand: Baldor

Motor Model: EJMM2513

HP: 125

Volt: 440-480V

FLA: 156

Motor Serial No.: B010202485

Pump Brand: Pentair

Model: 4"-1593F

Serial No.: 23-2644158

GPM: 750

PSI: 150

Visual Inspection

Is the Alarm Systems Disabled/Put Into Test Mode?

PASS

Pump room Temperature above 40 degrees?

PASS

Enclosure Integrity/Condition?

FAIL

SEE NOTES BELOW

Satisfactory Lighting in Pump Room?

FAIL

SEE NOTES BELOW

Comments regarding Pump Room Conditions:

FAIL

SEE NOTES BELOW

Entry Door did not completely shut upon arrival. Ceiling lights were not operational and the inspection commenced with the entry door open and flashlight. Upon entry inspector did notice the floor had 1" of water puddled close to the controller and their were waterlines on the toes of the controller. It did not appear there was any water intrusion into the controller, but the lights could begin to rust in the future.

Inspection with Power OFF

Enclosure Door(s) Open & Close/Lock & Unlock?

PASS

Low Suction Shutdown?

PASS

Low Suction Shutdown PSI?

100

Visual Inspection of Pressure Switch/Transducer

PASS

Visual Inspection of Controller Interior and Wiring

PASS

Remote Start?

PASS

Deluge Valve?

PASS

Other Inputs?

N/A

Is Controller Connected to Ground?

PASS

Circuit Board Corrosion?

PASS

Tighten all wiring connections?

PASS

Operate Emergency Run Handle?

PASS

Transfer Switch Manually Rotates?

PASS

Are Generator Start Wires Connected?

PASS

Inspection with Power ON

Verify JPC Starts >=10 PSI before JPC?

PASS

Software Version

1.5.7.R2

Indicator Bulbs Operational?

PASS

Start/Stop Motor in Manual Mode?

PASS

Verify Casing Relief Valve Flows

N/A

Start & Stop Motor in Auto Mode

Discharge PSI

150

Suction PSI

120

Transfer to Normal Emergency Position

PASS

When running the motor in Normal Power

Amp draw readings for Phases A, B, and C:

1521

Voltage output readings for Phases A, B, and C:

478

When running the motor in Emergency/Generator Power

Amp draw readings for Phases A, B, and C:

1701

Voltage output readings for Phases A, B, and C:

475

Pump Running alarm test

PASS

Power Loss alarm test

PASS

Phase reversal alarm test

PASS

Other alarms test

N/A

If set for Auto Stop, allow time to stop motor

PASS