

Annual Water-Based Fire Protection Systems Inspection

National Fire Protection, LLC

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Inspector: Paul Olson

Inspection date: 12/14/2023

Inspection Location

Cardoza High School 785923

1300 Clifton Ave NW

Washington, DC

Phone:

Customer

RWD Consulting 785923

1300 Clifton Ave NW

Washington, DC

Phone:

*Inspection performed in accordance with
NFPA 25 Standard for the Inspection, Testing, and Maintenance
of Water-Based Fire Protection Systems, 2017 edition.*

System Summary		Number of Systems at Site
Items	Total Systems	
Fire Pump System	1	

Fire Pump System		
Fire Pump - Electric Motor		
Basement Fire Pump Room Aurora		
Pump suction, discharge and by-pass control valves fully open, and piping free of leaks. (8.2.2(2))		Pass
Suction line pressure gauge reading is within acceptable range. (8.2.2(2c))		Pass
System line pressure gauge reading is within acceptable range. (8.2.2(2d))		Pass
Waterflow valve in closed position, hose connection valve closed, test valve line free of water. (8.2.2(2))		Pass
Controller pilot light (power on) illuminated (8.2.2(3))		Pass
Power to Jockey pump is provided, if applicable. (8.2.2(3))		Pass
Record pump starting pressure. (8.3.2.9(1a))		130
Record the system suction pressure gauge readings with pump running. (8.3.2.9(1b))		65
Time (sec) controller is on first step. (8.3.2.9(2))		2
Time (sec.) for driver to accelerate to full speed. (8.3.2.9(2))		3
Record time pump runs after starting (for auto stop controller). (8.3.2.9(2))		10
Record the discharge pressure gauge readings with pump running. (8.3.2.9(1b))		155
With pump running, check for slight discharge from packing glands; Pump free from any unusual noise or vibration. (8.3.2.9(1))		Pass
Packing boxes, bearing, or pump casing maintain an acceptable temperature during the test. (8.3.2.9(1))		Pass
Pump run minimum 10 minutes. (8.3.2.3)		Pass
Record pump speed (rpm). (8.3.3.7(2))		1798
Fire pump alarm conditions and supervisory sensors operate when tested through simulation. (8.3.3.10)		Pass
Fire pump test results considered acceptable. (8.3.7.2.3)		Pass
Pressure gauge and sensors, when compared to a calibrated gauge, is less than 5% calibration or have been recalibrated or replaced. (8.1.1.2.21)		Yes
Jockey Pump and Controller		
Basement Fire Pump Room		
Jockey pump sensing line gauge start pressure		135
Jockey pump sensing line gauge stop pressure.		165
Jockey pump and its controller maintained. (8.5.1)		Pass
Gauges on valve, when compared to calibrated gauge, is less than 5% out of calibration or gauge has been recalibrated or replaced. (8.1.1.2.21)		Yes

Liability Release Statement:

The owner and/or designated representative acknowledges the responsibility of the operating condition of the component parts at the time of this inspection. It is agreed that the inspection service provided by the contractor as prescribed herein is limited to performing a visual inspection and/or routine testing, and any investigation or unscheduled testing, modification, maintenance, repair, etc., of the component parts is not included as part of the inspection work performed. It is further understood that all information contained herein is provided to the best of the knowledge of the party providing such information.

12/14/23



12/14/23

Customer: Jeramiah Cook

Tech: Paul Olson