

Annual Fire Pump Report

534 West 42nd Street

April 2026

CERTIFICATE ISSUED BY FDNY

CERT.# **92457704**

N

ISSUED **03/18/2024** EXPIRES **03/18/2027**

NAME **LAWRENCE C WOODY**

HOME **1039 OLD TOWN RD**

ADDR. **CORAM, NY 11727-3732**

**NOT
FDNY
EMPLOYEE**



EMPLOYEE

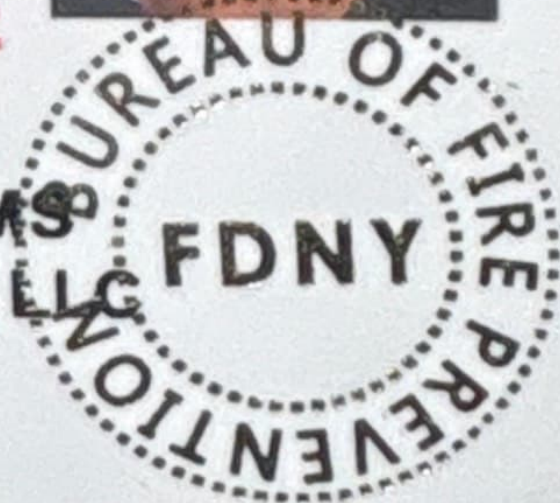
FEE \$ **25** CAT. **S15** TYPE **Fitness**

DESC. **FOAM-WATER SPRINKLER SYSTEMS**

EMPLOYER **UPRIGHT FIRE PROTECTION, LLC**

WORK

LOCATION ,



Must Have Valid FDNY Seal (above)

Fire Pump Flow Test Results

Date: 4/27/2026

Technician's Name: Lawrence woody

Work Order #: 281612

Location Information

Facility/Store Name: 534 west 42nd street

Store #:

Address: 534 west 42nd street

City: NEW YORK

State: NY

Zip Code: 10036

Contact Person: Claude

Phone: 912-441-0062

Pre-Inspection Checklist

1. ☒ Yes ☐ No ☐ N/A Was facility/store manager notified prior to starting inspection?

Facility/Store Manager's Name:

Phone:

2. ☒ Yes ☐ No ☐ N/A Was alarm monitoring company notified prior to starting inspection?

Alarm monitoring company:

Central Station

Phone:

3. ☐ Yes ☐ No ☒ N/A Was last inspection reviewed for deficiencies?

Fire Pump Inspection

Pump Room

4. ☒ Yes ☐ No ☐ N/A Clean, dry, orderly, proper lighting and free of debris?

5. ☒ Yes ☐ No ☐ N/A Adequately heated?

6. ☐ Yes ☐ No ☒ N/A Venting louvers operating freely?

Pump System

7. ☒ Yes ☐ No ☐ N/A Are the fire pump suction, discharge, and bypass valves fully open?

8. ☒ Yes ☐ No ☐ N/A Are all pipes free of leaks?

9. ☒ Yes ☐ No ☐ N/A Is the suction side gauge showing normal intake static pressure?

psi: 50

10. ☐ Yes ☐ No ☒ N/A Is the discharge gauge showing normal jockey pump pressure?

psi: 124

11. ☒ Yes ☐ No ☐ N/A Is relief valve discharge piping clear and draining (floor drain) properly?

12. ☐ Yes ☐ No ☒ N/A Is the diesel system solenoid valve operating correctly?

13. ☒ Yes ☐ No ☐ N/A Was jockey/fire pump auto started via a system pressure drop?

psi: 90

124

14. ☒ Yes ☐ No ☐ N/A Is the suction side gauge showing normal intake running pressure?

psi: 50

15. ☒ Yes ☐ No ☐ N/A Is the discharge gauge showing normal running pressure?

psi: 124

16. ☒ Yes ☐ No ☐ N/A Is the pump packing gland showing a slight discharge of water (min 1 drop per sec)?

17. ☐ Yes ☒ No ☐ N/A Does the pump appear to be free of unusual noise or vibration?

18. ☒ Yes ☐ No ☐ N/A Are the packing boxes, bearings, and pump casing cool and not overheating?

Electrical System

19. ☒ Yes ☐ No ☐ N/A Is the controller power on pilot light illuminated?

20. ☐ Yes ☐ No ☒ N/A Is the transfer switch normal pilot light illuminated?

21. ☐ Yes ☐ No ☒ N/A Is the reverse phase alarm pilot light off or normal phase rotation pilot light on?

22. ☒ Yes ☐ No ☐ N/A Is the isolation switch closed?

Observe and record time for motor to accelerate to full speed:

sec: 3

23. ☒ Yes ☐ No ☐ N/A Motor accelerated without any abnormalities?

Diesel System

24. ☐ Yes ☐ No ☒ N/A Is the full tank at least two thirds full?

25. ☐ Yes ☐ No ☒ N/A Is the fire pump controller switch in the auto position?

26. ☐ Yes ☐ No ☒ N/A Are the two battery voltage readings normal?

27. ☐ Yes ☐ No ☒ N/A Are the two battery lights on, or if equipped with failure lights, are they off?

28. ☐ Yes ☐ No ☒ N/A Are all alarm pilot lights off?

What is the engine running time meter:

hrs:

Fire Pump Flow Test Results

Date: 4/27/2026

Technician's Name: Lawrence woody

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29. ☐ Yes ☐ No ☒ N/A Is the oil level normal?
30. ☐ Yes ☐ No ☒ N/A Are the battery terminals free of corrosion?
31. ☐ Yes ☐ No ☒ N/A Discharge of cooling water was adequate while engine was running?

Observe and record time for engine to crank and start:

sec: NA

Observe and record time for engine to reach full running speed:

sec: NA

Observe and record oil pressure gauge (*with engine running*):

psi: NA

Observe and record speed indicator (*with engine running*):

rpm: NA

32. ☐ Yes ☐ No ☒ N/A Engine ran without any abnormalities?

Fire Pump Peripherals Inspection

33. ☐ Yes ☐ No ☒ N/A Have the venting louvers been cleaned?
34. ☐ Yes ☐ No ☒ N/A Have pump bearings been lubricated?
35. ☐ Yes ☐ No ☒ N/A Has the relief valve discharge piping drain been cleaned?
36. ☐ Yes ☐ No ☒ N/A Have the electrical system motor bearings been greased?
37. ☐ Yes ☐ No ☒ N/A Have the electrical system box, panels, and cabinets been cleaned?
38. ☐ Yes ☐ No ☒ N/A Have the diesel system fuel strainers and filters been cleaned?
39. ☐ Yes ☐ No ☒ N/A Have the diesel system oil and filters been changed?
40. ☐ Yes ☐ No ☒ N/A Have the diesel system water strainers been cleaned?
41. ☐ Yes ☐ No ☒ N/A Have the battery system corrosion and case exteriors been cleaned?
42. ☐ Yes ☐ No ☒ N/A Have the battery system corrosion and case exteriors been cleaned?

Transfer Switch Inspection

43. ☐ Yes ☒ No ☐ N/A Has a power failure been simulated while the fire pump was operating a peak flow?
44. ☐ Yes ☐ No ☒ N/A Upon failure, was the fire pump connected to the alternate power source?
45. ☐ Yes ☐ No ☒ N/A On alternate power source, did the fire pump continue to operate at peak flow?
46. ☐ Yes ☐ No ☒ N/A Upon restoring power, did the fire pump connect to utility power after a time delay?

Fire Pump Flow Test Results

Date: 4/27/2026 Technician's Name: Lawrence woody Work Order #: 281612

Fire Pump Flow Test

Customer Information

Property of: 534 west 42nd street		Location ID: Cellar		Date: 04/27/2026	
Address: 534 west 42nd street		Testing Company: Rael		Tested By: Lawrence woody	
City: New York		State: NY		Zip Code: 10036	

Pump Information

Shaft: ☒ Horizontal ☐ Vertical		Manufacturer: A-C FIRE PUMP		UL/FM Listed: ☒ Yes ☐ No		Shop / Serial #: 08-053936-01-02/okh376		Model / Type: 7L831580		Suction Form: Tank	
Fire Pump Dataplate Information (100% Rating):						NFPA Minimum 150% Rating:		NFPA Suggest Churn (PSI):		Tank Size: Tank Ht:	
GPM: <u>500</u>		PSI: <u>90</u>		Ft. of Head: <u>208</u>		RPM: <u>3550</u>		GPM: <u>750</u> PSI: <u>69</u>		<u> </u> - <u> </u>	

Driver Information

Manufacturer: WEG		UL/FM Listed: ☒ Yes ☐ No		Shop / Serial #: 130ut081003129288		Model / Type: 040360s3v286ipv		HP: 40		Phase: 3		Cycle: 0		Hrs: NA		Test Time:	
Motor Type: ☒ Electric ☐ Diesel ☐ Steam			Electric Motor Rating Information:				Electric Motor Performance Thresholds (assumed 1.15 service factor):										
			Volt: <u>200</u> <u>400</u>		Amp: <u>108.0</u> <u>54.0</u>		Max Amp: <u> </u> <u> </u>			Min Volts: <u> </u> <u>380</u>			Max Volts: <u> </u> <u>440</u>				

Controller Information

UL/FM Listed: ☒ Yes ☐ No		Shop / Serial #:		Model / Type:		Self-Run Timer Setting: ☐ Weekly ☐ Monthly ☒ None					
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System Demand Information

System Type: Combination		Max System Demand: GPM: <u>NA</u> PSI: <u>NA</u>		Location / Riser#: Cellar		Other Information: 3 - 1- 3/4" hose	
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Start / Stop Settings

Auto On / Off Settings (PSI): Start: <u>78 psi</u> Stop: <u> </u>		Start Method: Pressure Drop		Jockey Pump On / Off Settings (PSI): Start: <u>130 psi</u> Stop: <u>145 psi</u>	
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Flow Test Information

Speed (RPM)	Suction Pressure (PSI)	Discharge Pressure (PSI)	Net Head (PSI)	Streams							Total Flow (GPM)	% Rated Capacity	Volts/Amps Data							
				Size	No	Pitot Pressure							Voltage			Amps				
						#1:	#2:	#3:	#4:	#5:			#6:	#7:	A:	B:	C:	A:	B:	C:
3550	50	136	86		0	-- CHURN --						0	0%	206	207	204	58	62	62	
N/a	N/a	N/a	N/a		1	0							N/a	50%	N/a	N/a	N/a	N/a	N/a	
3537	50	120	70	1-3/4" HM pitoless	2	6	6						500	100%	205	203	206	87	91	92
3533	45	98	53	1-3/4" HM pitoless	3	6	6	6					750	150%	205	203	203	102	106	107

Comments:

The fire pump sensing line needs to be re run per NFPA25 ;;sensing line is coming after the check valve and control valve and should be ran in between control valve and check valve on the discharge side

Lawrence woody

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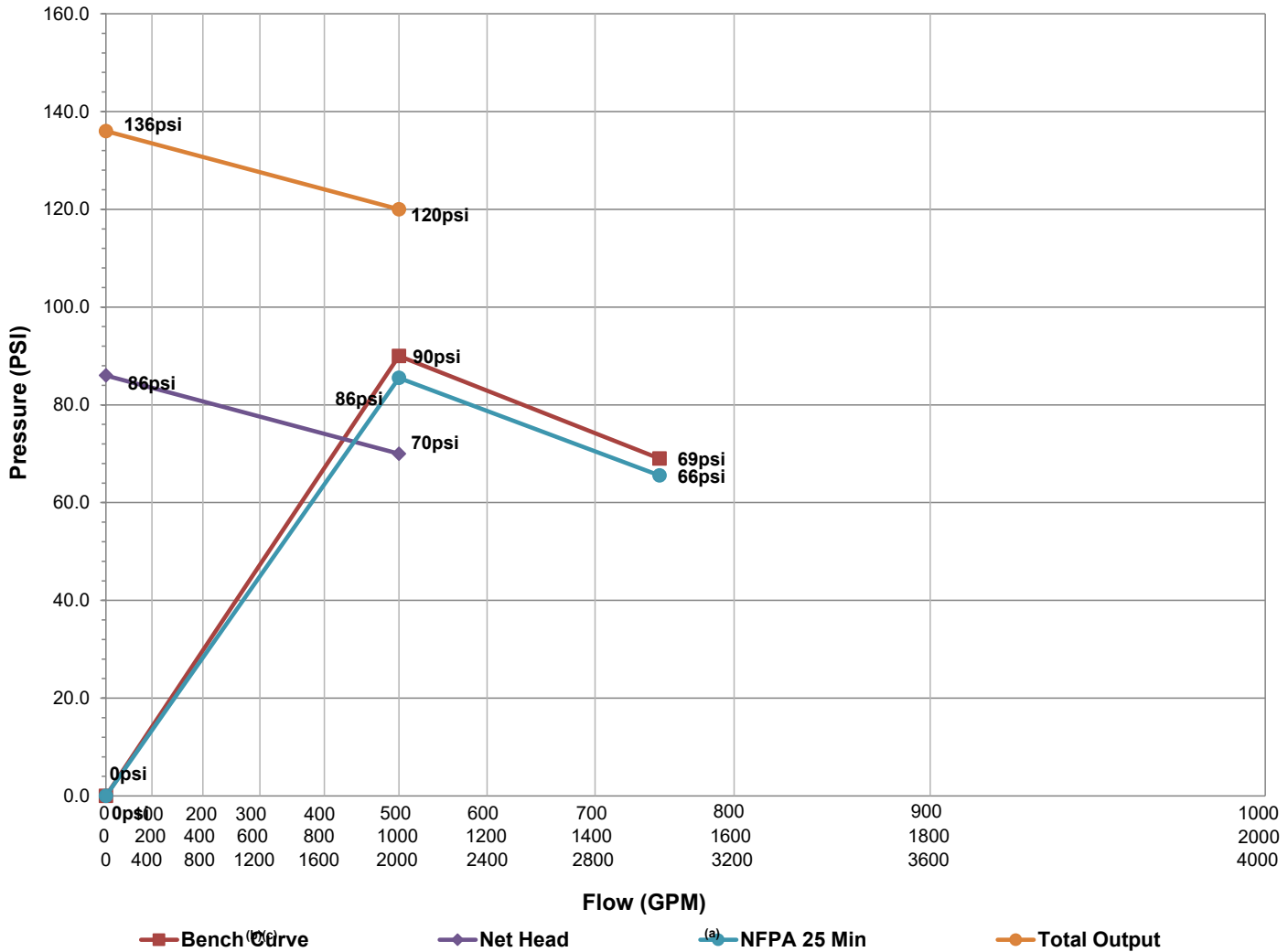
Performance Curve (Pressure vs. Flow)

Customer Information

Property of:	Location ID:	Date:
534 west 42nd street	Cellar	04/27/2026
Address	Testing Company	Tested By:
534 west 42nd street	Rael	Lawrence woody
City	State:	Zip Code:
New York	NY	10036

Pump Information

Shaft:	Manufacturer:	UL/FM Listed:	Shop / Serial #:	Model / Type:	Suction Form:
☒ Horizontal ☐ Vertical	Pentair	☒ Yes ☐ No	08-053936-01-02/okh376	7L831560	Tank
Fire Pump Dataplate Information (100% Rating):			NFPA Minimum 150% Rating:	NFPA Suggest Churn (PSI):	Tank Size: Tank Ht:
GPM: 500	PSI: 90	Ft. of Head: 208	RPM: 3550	GPM: 750 PSI: 42	☐ - ☐ 206



CHECK
SCALE
USED:
X

- (a): "NFPA 25 Minimum" Based on acceptable tolerance 5% below "Bench Curve".
 (b): "Bench Curve" based on NFPA requirements, not an actual bench performance test.
 (c): "Bench Curve" pressure at churn based on 100% capacity rating.