

BACKFLOW PREVENTION ASSEMBLY TEST AND MAINTENANCE RECORD		CITY OF PHILADELPHIA PHILADELPHIA WATER DEPARTMENT				
THIS FORM (79-770) MUST BE COMPLETED BY A CITY CERTIFIED TECHNICIAN						
I. GENERAL INFORMATION		Orientation	Horizontal		ACCOUNT OR METER #	-
NAME OF FACILITY		ADDRESS			ZIP	
STRING THEORY 1600 VINE		1600 VINE ST PHILA, PA			19102	
CONTACT PERSON AT FACILITY			TITLE		TELEPHONE NO.	
STRING THEORY 1600 VINE			Steve		2677840026	
LOCATION OF ASSEMBLY			DATE OF INSTALLATION		INCOMING LINE PRESSURE	
Basement SPRINKLER Room			04/06/1998		45	
MANUFACTURER		MODEL		SERIAL NUMBER		SIZE
Ames		2000 SS		2LN1287		8"
				<input type="checkbox"/> DS		<input type="checkbox"/> RPZ
				<input checked="" type="checkbox"/> FS		<input checked="" type="checkbox"/> DCV
II. TEST INSTRUMENT CALIBRATION INFORMATION						
TYPE OF INSTRUMENT		MODEL		SERIAL NUMBER		PURCHASE DATE
Mid west		845		05183208		7/28/2022
CALIBRATED BY				TELEPHONE NO.		
Gage It				800-869-7294		
REGISTRATION NO.		CALIBRATED ON			NEXT CALIBRATION DUE	
161729		7/28/2022			7/28/2023	
III. TESTS & REPAIRS INFORMATION						
INITIAL TEST	CHECK VALVE NUMBER 1		CHECK VALVE NUMBER 2		DIFFERENTIAL PRESSURE RELIEF VALVE	
	<input type="checkbox"/> LEAKED <input checked="" type="checkbox"/> CLOSED TIGHT PRESSURE DROP ACROSS THE FIRST CHECK VALVE IS : 2.8 PSID		<input type="checkbox"/> LEAKED <input checked="" type="checkbox"/> CLOSED TIGHT PRESSURE DROP ACROSS THE SECOND CHECK VALVE IS : 2.4 PSID		<input type="checkbox"/> OPEN AT _____ PSID <input type="checkbox"/> DID NOT OPEN	
* REPAIRS	<input type="checkbox"/> CLEANED REPAIRED: <input type="checkbox"/> RUBBER <input type="checkbox"/> SPRING PARTS KIT <input type="checkbox"/> STEM / <input type="checkbox"/> CV ASSEMBLY GUIDE <input type="checkbox"/> DISC <input type="checkbox"/> RETAINER <input type="checkbox"/> O - RINGS <input type="checkbox"/> LOCKNUTS <input type="checkbox"/> SEAT <input type="checkbox"/> OTHER:		<input type="checkbox"/> CLEANED REPAIRED: <input type="checkbox"/> RUBBER <input type="checkbox"/> SPRING PARTS KIT <input type="checkbox"/> STEM / <input type="checkbox"/> CV ASSEMBLY GUIDE <input type="checkbox"/> DISC <input type="checkbox"/> RETAINER <input type="checkbox"/> O - RINGS <input type="checkbox"/> LOCKNUTS <input type="checkbox"/> SEAT <input type="checkbox"/> OTHER:		<input type="checkbox"/> CLEANED REPAIRED: <input type="checkbox"/> RUBBER <input type="checkbox"/> SPRING PARTS KIT <input type="checkbox"/> STEM / <input type="checkbox"/> CV ASSEMBLY GUIDE <input type="checkbox"/> DISC <input type="checkbox"/> RETAINER <input type="checkbox"/> O - RINGS <input type="checkbox"/> LOCKNUTS <input type="checkbox"/> SEAT <input type="checkbox"/> OTHER:	
	<input type="checkbox"/> CLOSED TIGHT AT _____ PSID		<input type="checkbox"/> CLOSED TIGHT AT _____ PSID		<input type="checkbox"/> OPENED AT _____ PSID	
CONDITION OF NO. 2 CONTROL VALVE : <input checked="" type="checkbox"/> CLOSED TIGHT <input type="checkbox"/> LEAKED						
REMARKS : <input type="checkbox"/> ASSEMBLY FAILED <input checked="" type="checkbox"/> ASSEMBLY PASSED <input checked="" type="checkbox"/> CUSTOMER INFORMED						
*NOTE : ALL REPAIRS / REPLACEMENTS MUST BE COMPLETED WITHIN FOURTEEN (14) DAYS						
IV. APPROVALS						
* I HEREBY CERTIFY THAT THIS DATA IS ACCURATE AND REFLECTS THE PROPER OPERATION AND MAINTENANCE OF THE ASSEMBLY						
NAME OF CERTIFIED BACKFLOW PREVENTION ASSEMBLY TECHNICIAN (PRINT) DAVID ROACH 00D4739			BUSINESS TELEPHONE NO. 6102331400		WITNESS TO ASSEMBLY TEST Steve	
INITIAL TEST	SIGNATURE OF INITIAL CERT. BACKFLOW PREV. ASSEMBLY TECH.		CERTIFIED TECH. NO.	DATE	TELEPHONE NO. OF WITNESS	
			31131	04/06/2023	215-334-4222	
REPAIRS	SIGNATURE OF REPAIRER		CERTIFIED TECH. NO.	DATE	SEND COMPLETED FORMS TO: PWD INDUSTRIAL WASTE & BACKFLOW COMPLIANCE 9001 STATE ROAD PHILADELPHIA, PA 19136 TELE: (215) 685-8068 FAX: (215) 333-9453 E-mail: CCC.BLS@PHILA.GOV	
			31131	04/06/2023		
FINAL TEST	SIGNATURE OF FINAL CERT. BACKFLOW PREV. ASSEMBLY TECH.		CERTIFIED TECH. NO.	DATE		
			31131	04/06/2023		
SIGNATURE OF LICENSED TECHNICIAN			CERTIFIED TECH. NO.	DATE		
			31131	04/06/2023		

Annual Fire Pump Flow Test

CINTAS FIRE PROTECTION

1030 CONSHOHOCKEN RD
CONSHOHOCKEN, PA 19428
USA
19428



READY FOR THE WORKDAY™

Customer	Inspection Location
STRING THEORY 1600 VINE 1600 VINE ST PHILA, PA 19102 Phone: 2677840026 Fax: Inspection Date: 04/10/2023	STRING THEORY 1600 VINE 00D4748667 1600 VINE ST PHILA, PA 19102 Phone: 2677840026 Fax:

Flow Test Results

The net (adjusted) performance of the fire pump flow test did not meet the 95% of original design/installation criteria per NFPA 25, an investigation must be conducted to reveal the cause of the degraded performance.

Electric Fire Pump Voltage and Amperage Tests not performed in accordance with

NFPA TIA #1364

Inspection performed in accordance with
NFPA 25 Standard for Inspection, Test, and Maintenance of Water-Based Fire Protection Systems 2014 ed.

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.

4/3/23

4/10/23

Customer: STEVE

Tech: DAVID ROACH 00D4739

Diesel Pump

Fire Pump - Diesel Inspection

Pump suction, discharge and by-pass control valves fully open, and piping free of leaks (8.2.2(2))	Pass
Wet pit suction screens unobstructed and in place. (8.2.2(2))	N/A
Pressure (psi) shown on Suction side pressure gauge. ((8.2.2(2) & (8.3.2..1.2.1))	42
Pressure (psi) shown on System side pressure gauge. ((8.2.2(2) & (8.3.2..1.2.1))	225
Waterflow valve in closed position, hose connection valve is closed & line to test valve free of water. (8.2.2(2))	Pass
Suction reservoir has required level. (8.2.2(2))	N/A
Fuel tank at least two-thirds full. (8.2.2(4))	Pass
Controller selector switch in AUTO position. (8.2.2(4))	Pass
Batteries voltage and charging current readings within normal range. (8.2.2(4))	Pass
Batteries pilot lights ON or batteries failure pilot lights OFF. (8.2.2(4))	Pass
Electrolyte level in batteries normal and terminals free from corrosion. (8.2.2(4))	N/A
All alarm pilot lights OFF. (8.2.2(4))	Pass
Crankcase oil, right angle gear level and cooling water level in acceptable range and water-jacket heater operating. (8.2.2(4))	Pass
Engine running time from meter reading (mins.). (8.2.2(4))	0
Time (sec.) for engine to crank. (8.3.2.9(3))	1
Time (sec.) for engine to reach running speed. (8.3.2.9(3))	2
Record pump starting pressure. (8.3.2.9(3b))	205
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
Engine oil pressure, speed indicator, water and oil temperature indicator readings normal during test. (8.3.2.9(3))	Pass
Record pressure reading and compare to pump discharge gauge. (8.3.2.9(1g))	Pass
Cooling water flowing from the heat exchanger during test. (8.3.2.9(3))	Pass
Exhaust system, drain condensate traps & silencers in good working condition. (8.1.1.2.13)	Pass
Pump operated and tested for 30 minutes. (8.3.2.4)	Pass
Fire pump alarm conditions and supervisory sensors operate when tested through simulation. (8.3.3.10)	Pass
Parallel and angular alignment of pump and driver without any misalignments. (8.3.6.4)	N/A
Suction screens inspected and cleaned after waterflow. (8.3.3.12)	N/A
Pressure gauges and sensors, when compared to a calibrated gauge, less than 5% out of calibration, or gauge or sensor has been recalibrated or replaced. (8.1.1.2.21)	N/A

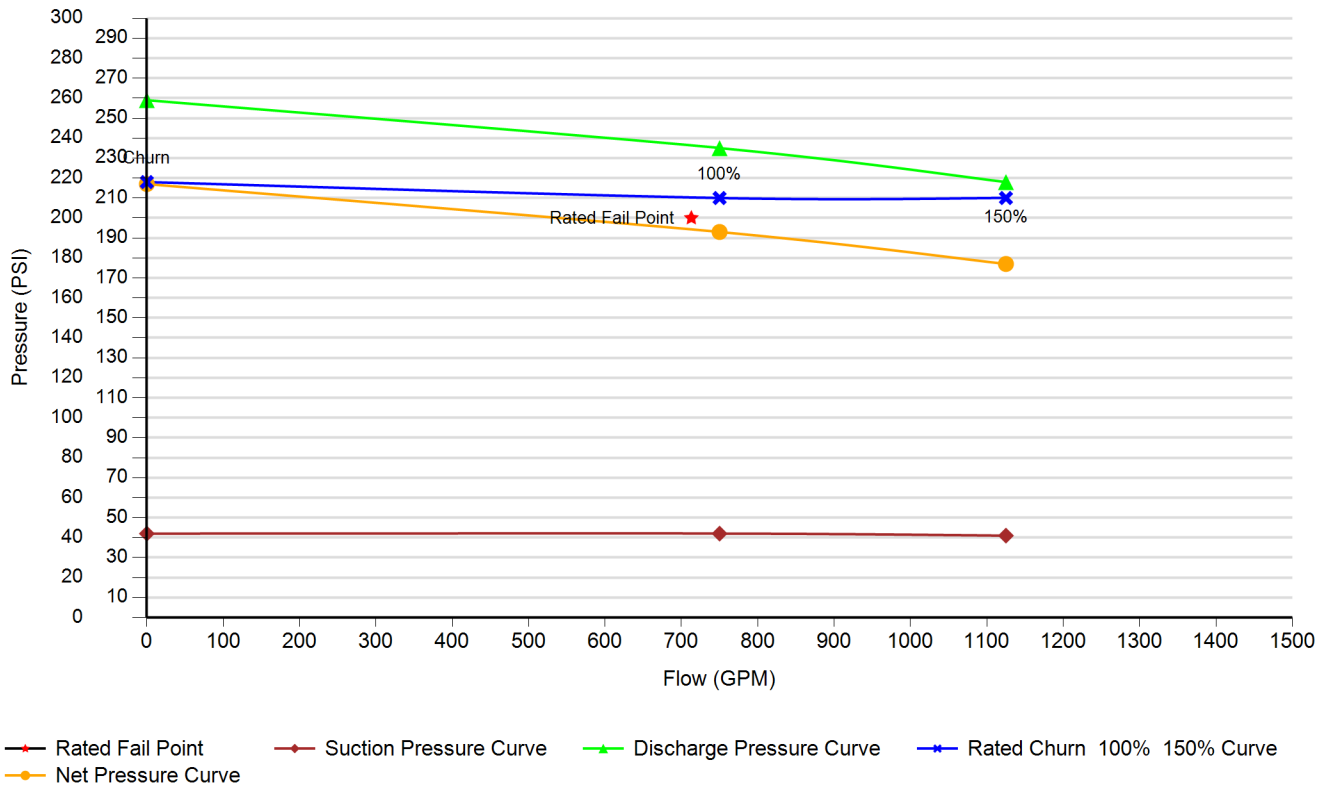
Diesel Pump

Pump S/N

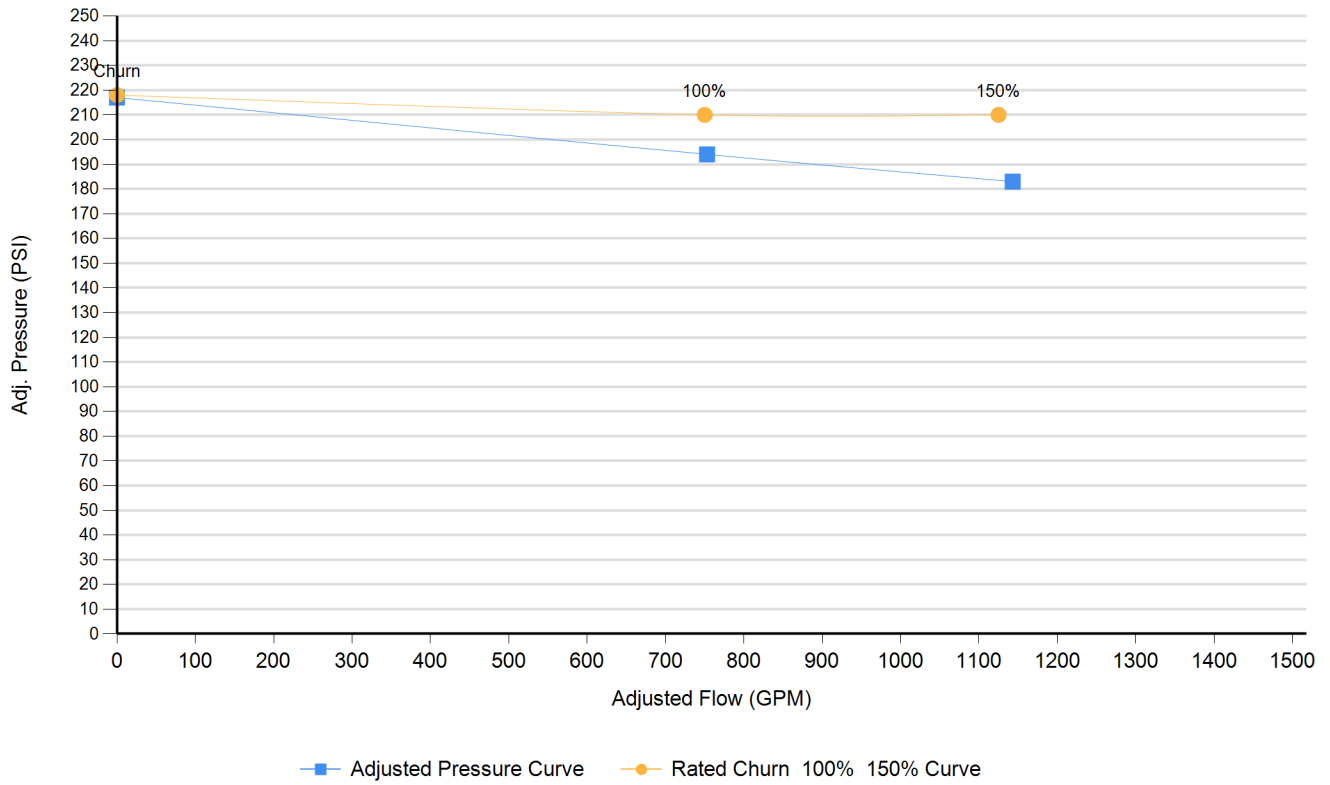
Piping		
Suction Valve size 8"	Discharge Valve size 8"	Roof Manifold Number / Size of Hose 2 - 1 1/2
Test Header Number / Size of Hose 3 - 2 1/2	Suction Gauge 45	Discharge Gauge 45
System Gauge 225		
Start/Stop Valve		
Jockey pump start PSI 210	Fire pump stop PSI 270	Automatic Stop Minutes 0
Fire pump start PSI 205	Manual Stop Yes	Jockey pump stop PSI 235
Pump		
Pump Type Horizontal Split Case	Pump Model Number 6-485-17A	Impeller 15.57
Manufacturer Aurora Fire Pumps	Pump Serial Number 98-65353	Stages 2
Diesel Motor		
Driver Type Diesel	Serial Number 64Z27822	Horse Power 172
Manufacturer CAT	Model Number 3306	RPM 1750
Controller		
Type Diesel Controller	Controller Model Number A7D4LN16-4E412	Phase 1
Manufacturer Joslyn Clark	Horse Power 0	Volts / Ground 24
Serial Number C174444-1	Volts 120	

Nameplate Information					
Rated GPM 750	Rated PSI 210		Rated RPM 1750		
Max PSI 218	150% PSI 210		150% GPM 1125		
Churn					
Suction	Discharge		Net Pressure	Speed	
42	259		217	1795	
Test Point 1					
Flow Test Point %: 100	Measured Flow: 750	Adj. Flow 753	Measured Press: 193	Adj. Press.: 194	Press. Test Point %: 92%
Outlet Size					
Coefficient					
Pitot					
Flow	0				
Suction	Discharge		Net Pressure	Speed (rpm)	
42	235		193	1744	
Test Point 2					
Flow Test Point %: 150	Measured Flow: 1125	Adj. Flow 1143	Measured Press: 177	Adj. Press.: 183	Press. Test Point %: 87%
Outlet Size					
Coefficient					
Pitot					
Flow	0				
Suction	Discharge		Net Pressure	Speed (rpm)	
41	218		177	1722	

Pressure Vs. Flow Fire Pump Test Curves



RPM Corrected Fire Pump Test Curves



Water-Based Fire Protection Systems Inspection

CINTAS FIRE PROTECTION

1030 CONSHOHOCKEN RD

CONSHOHOCKEN, PA 19428

USA

19428



Inspector: DAVID ROACH 00D4739

Inspection date: 04/10/2023

Inspection Location

STRING THEORY 1600 VINE 00D4748667

1600 VINE ST

PHILA, PA 19102

Phone: 2677840026

Customer

STRING THEORY 1600 VINE 00D4748667

1600 VINE ST

PHILA, PA 19102

Phone: 2677840026

*Inspection performed in accordance with
NFPA 25 Standard for the Inspection, Testing, and Maintenance
of Water-Based Fire Protection Systems, 2020 edition.*

<i>System Summary</i>	<i>Number of Systems at Site</i>
Items	Total Systems
Dry System	3

Dry System

Air Compressor	
Basement	
Compressor free of physical damage, wiring and piping intact and without damage. (13.10.2)	Pass
Compressors requiring oil, ensure correct amount is in oil reservoir. (13.10.2)	Pass
Anchoring of air compressor is secure, tight and without damage. (13.10.2.1)	Pass
Air compressor operates as intended, restores normal air pressure within required time, and does not overheat while running. (13.10.3)	Pass
Air Maintenance Device	
Basement	
Automatic air maintenance device pressure maintained at proper setting for system (13.4.5.2.8)	Pass

Dry System

Dry Pipe Valve	
Ex loading dock	
Air and water pressure gauges operating properly (13.2.5.1.1)	Pass
Exterior of valve free of physical damage, trim valves in normal position and intermediate chamber not leaking (13.4.5.1.2)	Pass
Hydraulic nameplate securely attached legible (5.2.5)	Pass
Information sign securely attached and legible. (5.2.7)	Pass
If system has auxiliary drains, is sign in place indicating number and location of each drain. (13.4.5.1.2)	Pass
Priming water level correct (13.4.5.2.1)	Pass
Size of main drain	1.5"
Pressure (psi) shown on air side pressure gauge.	40
Pressure (psi) shown on Supply Water pressure gauge. (13.2.3)	90
Residual Pressure with valve open. (13.2.3)	35 pump off
Static Pressure after valve closed. (13.2.3)	90
Main Drain Test Pressure less than 10% reduction in flow from original acceptance test or previous test results (13.2.3.3)	Pass
Partial trip test of the dry pipe valve conducted with control valve partially opened. (13.4.5.2.2.3)	Pass
Air pressure (psi) at trip of dry valve. (A.13.4.5.2.2.3)	5
Time (sec) between start of test and trip of valve. (13.4.5.2.5.2)	20
Internal inspection - components operate properly and move freely, valve cleaned and in good condition. (13.4.5.3)	Pass
Auxiliary drains and low-point drains opened, pipe drained or where weep holes provided, inspected to ensure they are clear and unobstructed (13.4.5.3.2)	Pass
Full flow trip test of dry valve conducted with control valve opened fully. (13.4.5.2.2.2)	Pass
System testing for gas leakage (13.4.5.2.9)	Pass
Time (sec) between start of test and water flow from inspectors test connection. (13.4.5.2.5.2)	33 sec
Valve strainers, filters, and restriction orifices free from obstructions, operating properly, and in good condition (13.4.5.1.4)	Pass
Last Answered: 4/6/2023	
Gauges on valve, when compared to calibrated gauge error less than 3% full scale or gauge has been recalibrated or replaced. (13.2.52) Last Answered: 1/1/0001	N/I
Valve Status Test - Valves open when returned to service. (13.3.3.4)	Pass

Dry System

Dry Pipe Valve	
F1 Garage east	
Air and water pressure gauges operating properly (13.2.5.1.1)	Pass
Exterior of valve free of physical damage, trim valves in normal position and intermediate chamber not leaking (13.4.5.1.2)	Pass
Hydraulic nameplate securely attached legible (5.2.5)	Pass

Dry Pipe Valve	
F1 Garage east	
Information sign securely attached and legible. (5.2.7)	Pass
If system has auxiliary drains, is sign in place indicating number and location of each drain. (13.4.5.1.2)	Pass
Priming water level correct (13.4.5.2.1)	Pass
Size of main drain	2"
Pressure (psi) shown on air side pressure gauge.	40
Pressure (psi) shown on Supply Water pressure gauge. (13.2.3)	90
Residual Pressure with valve open. (13.2.3)	35 pump off
Static Pressure after valve closed. (13.2.3)	90
Main Drain Test Pressure less than 10% reduction in flow from original acceptance test or previous test results (13.2.3.3)	Pass
Partial trip test of the dry pipe valve conducted with control valve partially opened. (13.4.5.2.2.3)	Pass
Air pressure (psi) at trip of dry valve. (A.13.4.5.2.2.3)	38
Time (sec) between start of test and trip of valve. (13.4.5.2.5.2)	5 sec
Internal inspection - components operate properly and move freely, valve cleaned and in good condition. (13.4.5.3)	Pass
Auxiliary drains and low-point drains opened, pipe drained or where weep holes provided, inspected to ensure they are clear and unobstructed (13.4.5.3.2)	Pass
Full flow trip test of dry valve conducted with control valve opened fully. (13.4.5.2.2.2)	Pass
System testing for gas leakage (13.4.5.2.9)	Pass
Time (sec) between start of test and water flow from inspectors test connection. (13.4.5.2.5.2)	31sec
Valve strainers, filters, and restriction orifices free from obstructions, operating properly, and in good condition (13.4.5.1.4) Last Answered: 4/6/2023	Pass
Gauges on valve, when compared to calibrated gauge error less than 3% full scale or gauge has been recalibrated or replaced. (13.2.52) Last Answered: 1/1/0001	N/I
Valve Status Test - Valves open when returned to service. (13.3.3.4)	Pass
Dry System	
Dry Pipe Valve	
F1 Garage west	
Air and water pressure gauges operating properly (13.2.5.1.1)	Pass
Exterior of valve free of physical damage, trim valves in normal position and intermediate chamber not leaking (13.4.5.1.2)	Pass
Hydraulic nameplate securely attached legible (5.2.5)	Pass
Information sign securely attached and legible. (5.2.7)	Pass
If system has auxiliary drains, is sign in place indicating number and location of each drain. (13.4.5.1.2)	Pass
Priming water level correct (13.4.5.2.1)	Pass
Size of main drain	2"
Pressure (psi) shown on air side pressure gauge.	40
Pressure (psi) shown on Supply Water pressure gauge. (13.2.3)	90
Residual Pressure with valve open. (13.2.3)	35 pump off
Static Pressure after valve closed. (13.2.3)	90
Main Drain Test Pressure less than 10% reduction in flow from original acceptance test or previous test results (13.2.3.3)	Pass
Partial trip test of the dry pipe valve conducted with control valve partially opened. (13.4.5.2.2.3)	Pass
Air pressure (psi) at trip of dry valve. (A.13.4.5.2.2.3)	35
Time (sec) between start of test and trip of valve. (13.4.5.2.5.2)	4 sec
Internal inspection - components operate properly and move freely, valve cleaned and in good condition. (13.4.5.3)	Pass
Auxiliary drains and low-point drains opened, pipe drained or where weep holes provided, inspected to ensure they are clear and unobstructed (13.4.5.3.2)	Pass
Full flow trip test of dry valve conducted with control valve opened fully. (13.4.5.2.2.2)	Pass
System testing for gas leakage (13.4.5.2.9)	Pass
Time (sec) between start of test and water flow from inspectors test connection. (13.4.5.2.5.2)	20 sec
Valve strainers, filters, and restriction orifices free from obstructions, operating properly, and in good condition (13.4.5.1.4) Last Answered: 4/6/2023	Pass
Gauges on valve, when compared to calibrated gauge error less than 3% full scale or gauge has been recalibrated or replaced. (13.2.52) Last Answered: 1/1/0001	N/I

Dry Pipe Valve	
F1 Garage west	
Valve Status Test - Valves open when returned to service. (13.3.3.4)	Pass
Dry System	
Dry System Inspection	
Garage east / west	
Sprinkler heads free of leakage, corrosion, external loading, damage or loss of fluid in glass bulb element, painted heads, and pointed in proper direction. (5.2.1.1.1; 5.2.1.1.2)	Pass
Escutcheons and coverplates in place, if applicable. (5.2.1.1.5)	Pass
Minimum clearance maintained below all sprinklers (5.2.1.2)	Pass
Correct # of replacement sprinkler heads in head box to include all types and ratings installed. (5.4.1.5 & 5.4.1.5.4)	Pass
Sprinkler head wrench for each type head provided in head box (5.4.1.5.5)	Pass
List of sprinklers installed on the property posted on head box. (5.4.1.5.6)	Pass
System piping free of mechanical damage, leaks, corrosion, or external loads resting on or hung from pipe. (5.2.2)	Pass
Pipe hangers, braces and supports are secure and undamaged. (5.2.3)	Pass
Sprinklers installed for 50 years, have been replaced or sample tested. (5.3.1.1.1)	N/I
Sprinklers with fast-response elements that have been installed for 20 years, have been replaced or sample taken. (5.3.1.1.1.3)	N/A
Dry sprinklers that have been installed 15 years, have been replaced or sample taken. (5.3.1.1.1.6)	Yes Majority of dry heads MFG 1999 customer had UL TESTING DONE 2017.
Dry System	
Dry System Inspection	
Loading dock	
Sprinkler heads free of leakage, corrosion, external loading, damage or loss of fluid in glass bulb element, painted heads, and pointed in proper direction. (5.2.1.1.1; 5.2.1.1.2)	Pass
Escutcheons and coverplates in place, if applicable. (5.2.1.1.5)	Pass
Minimum clearance maintained below all sprinklers (5.2.1.2)	Pass
Correct # of replacement sprinkler heads in head box to include all types and ratings installed. (5.4.1.5 & 5.4.1.5.4)	Pass
Sprinkler head wrench for each type head provided in head box (5.4.1.5.5)	Pass
List of sprinklers installed on the property posted on head box. (5.4.1.5.6)	Pass
System piping free of mechanical damage, leaks, corrosion, or external loads resting on or hung from pipe. (5.2.2)	Pass
Pipe hangers, braces and supports are secure and undamaged. (5.2.3)	Pass
Sprinklers installed for 50 years, have been replaced or sample tested. (5.3.1.1.1)	N/I
Sprinklers with fast-response elements that have been installed for 20 years, have been replaced or sample taken. (5.3.1.1.1.3)	N/A
Dry sprinklers that have been installed 15 years, have been replaced or sample taken. (5.3.1.1.1.6)	N/A
Auxiliary Drain-Dry System	
Area/Location	Auxiliary drain(s) drained as needed during inspection. (13.4.4.3.2)
Garage east	Pass
Garage east	Pass
Loading dock	Pass

Inspector's Test Connection	
Area/Location	Operates properly
Garage east	Pass
Garage west	Pass
Loading dock	Pass

Control Valves

Type	Area/Location	Model Size	Accessible	Condition	Secured	Exercised	Seal	Valve Test
Control Valve - locked/tamper	Dry EX	OS and Y 4"	Pass	Pass	Pass	Pass	White	Pass
Control Valve - locked/tamper	Dry F1	OS and Y 4"	Pass	Pass	Pass	Pass	White	Pass
Control Valve - locked/tamper	Dry F1	OS and Y 4"	Pass	Pass	Pass	Pass	White	Pass

Alarm Devices

Type	Area/Location	Visual Insp	Functional Test
Waterflow - Pressure Switch	Garage east	Pass	Pass
Waterflow - Pressure Switch	Garage west	Pass	Pass
Waterflow - Pressure Switch	Loading dock	Pass	Pass

Not Inspected

Dry Pipe Valve

Ex loading dock

Question: Gauges on valve, when compared to calibrated gauge error less than 3% full scale or gauge has been recalibrated or replaced. (13.2.52)

Technician Response: NOT DUE FOR TESTING AT THIS TIME.

Dry Pipe Valve

F1 Garage east

Question: Gauges on valve, when compared to calibrated gauge error less than 3% full scale or gauge has been recalibrated or replaced. (13.2.52)

Technician Response: NOT DUE FOR TESTING AT THIS TIME.

Dry Pipe Valve

F1 Garage west

Question: Gauges on valve, when compared to calibrated gauge error less than 3% full scale or gauge has been recalibrated or replaced. (13.2.52)

Technician Response: NOT DUE FOR TESTING AT THIS TIME.

Dry System Inspection

Garage east / west

Question: Sprinklers installed for 50 years, have been replaced or sample tested. (5.3.1.1.1)

Technician Response: NOT DUE FOR TESTING AT THIS TIME.

Dry System Inspection

Loading dock

Question: Sprinklers installed for 50 years, have been replaced or sample tested. (5.3.1.1.1)

Technician Response: NOT DUE FOR TESTING AT THIS TIME.

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.



04/10/2023



04/10/2023

Customer: STEVE

Tech: DAVID ROACH 00D4739

Lic/Cert#: NICET #84491

Lic/Cert#: Water Based Systems I

Lic/Cert#: Philadelphia Fire Suppression Worker 1&2

Lic/Cert#: 3529-23034

Lic/Cert#: ASSE #31131



**CITY OF PHILADELPHIA
DEPARTMENT OF LICENSES AND INSPECTIONS
ANNUAL CERTIFICATION FOR SPRINKLER / STANDPIPE SYSTEMS**

PROPERTY ADDRESS (BRT Address Required)	1600 VINE ST PHILA, PA 19102
TESTING CONTRACTOR (Name and Address)	CINTAS FIRE PROTECTION 1030 CONSHOHOCKEN RD CONSHOHOCKEN, PA 19428
	License No.

ANNUAL CERTIFICATIONS MUST BE KEPT ON SITE FOR A PERIOD OF THREE YEARS

A. OWNER'S SECTION (TO BE COMPLETED BY THE PROPERTY OWNER OR AGENT) EXPLAIN ALL NO ANSWERS, EXCEPT AS NOTED

	Y	N		Y	N
1. Is the building occupied?	X		5. Have there been any modifications to the system(s) since the last certification? (If yes, explain)		X
2. Has the building occupancy, hazard, or floor layout changed since the last certification? (If yes, explain)		X	6. Was there any action or alarm since the last certification? (If yes, explain)		X
3. Are all systems in service?	X		7. Does this certification cover all fire sprinkler and standpipe systems in the building?	X	
4. Are test reports and Annual Certifications kept on site?	X				

OWNER/AGENT SIGNATURE *Steve* PRINT NAME STEVE

NOTIFY THE PHILADELPHIA FIRE DEPARTMENT AT 215-922-6000 BEFORE TESTS — OUT-OF-SERVICE OPERATOR # - IN-SERVICE OPERATOR # -

B. CERTIFICATE HOLDER'S SECTION (ALL TESTS SHALL BE IN ACCORDANCE WITH THE PHILADELPHIA FIRE CODE AND NFPA 25)

No. of Wet Systems: 1 Make: Viking No. of Dry Systems: 3 Make: Viking / Reliable
 Model: J1 Model: EX / F1

	Y	N	NA		Y	N	NA
8. Were sprinklers in good condition and free of obstruction?	X			25. Were dry pipe system low point drains properly drained?	X		
9. Were spare sprinklers and wrenches available?		X		26. Was air pressure on dry pipe systems adequate?	X		
10. Were areas protected by wet systems properly heated?	X			27. Were dry pipe valve tests conducted with quick operating devices (QOD)?	X		
11. Were heads free of accumulation in spray areas?			X	28. Were tests of QOD's satisfactory?	X		
12. Were hydraulic nameplates in place on risers?	X			29. Were dry valves trip tested, results recorded, and left at site?	X		
13. Were alarm devices provided and in good condition?	X			30. Were dry valves full flow tested, recorded and left at the site (3-year test — 2008-2011-2014)	X		
14. Do any sprinklers need to be tested or replaced? (If yes, explain)		X		31. Were air maintenance devices on dry systems tested satisfactorily?	X		
15. Were all sprinkler pipes and fittings in good condition?		X		32. Were dry pipe valve rooms properly heated?	X		
16. Were gauges on all systems in good condition, indicating the proper pressure? (tested or replaced every 5 years)		X		33. Do air pressure relief valves have the proper rating?	X		
17. Were all waterflow alarm devices tested satisfactorily?	X			34. Were PRV valves opened fully and verified that the pump was running?			X
18. Were main drains tested on all systems, results recorded, and left at the site?	X			35. Were results of full flow tests on pressure regulating valves recorded and left at the site? (5-year test — 2010-2015-2020)			X
19. Were there any changes in drain tests from last year? (If yes, explain)			X	36. Were valves in proper open or closed position, and properly supervised?	X		
20. DRAIN TEST: Location: Main Size: 2" Before: 215 Flow: 35 pump off After: 215	X			37. Were valves protected from damage, accessible & operable?	X		
21. Were hangers in good condition and securely attached to structure and piping?	X			38. Were low air pressure alarms on dry systems tested satisfactorily?	X		
22. Was the type of antifreeze agent listed on the tag?			X	39. Were deluge/preaction valves trip tested by detector satisfactorily and results left at the site?			X
23. Were the specific gravity test results for antifreeze systems acceptable?			X				
24. Were downstream pressures on pressure reducing valves satisfactory?	X						

B. CERTIFICATE HOLDER'S SECTION CONTINUED

	Y	N	NA		Y	N	NA
40. Were the preaction system supervisory air pressures correct?			X	45. Were backflow preventers tested per the Plumbing Code?	X		
41. Were strainers checked and cleaned?			X	46. Were there Omega sprinklers on the system? (If yes, describe how many and their location)		X	
42. Were check valves given their 5-year maintenance? (Year 2010-2015-2020)			X	47. Were there O-ring voluntary recall sprinklers on the system? (If yes, describe how many and their location)		X	
43. Was the sprinkler piping given its 5-year internal inspection (Year 2010-2015-2020)			X	48. Were there Star ME-1 recall sprinklers on the system? (If yes, describe how many and their location)		X	
44. Were backflow preventers operational?	X			49. Were there any other sprinklers on the system that have been recalled? (If yes, describe type, how many and their location)		X	

No. of Control Valves 13 Type OS and Y

Open: Yes No Secured: Yes No Closed: Yes No Signs Yes No Condition Ok

C. FIRE DEPARTMENT CONNECTIONS

50. Were Fire Department connections visible and accessible with caps and plugs in place?		X		52. Were automatic drain valves/ball drips operating?	X		
51. Were proper signs in place per the Philadelphia Fire Code?	X			53. Was piping backflushed?			X

D. STANDPIPES: Yes No **TYPE:** Wet Dry

Class and Quantity of each: Class I 4 Class II 0 Class III 0

1. Static pressure at gauge: 175 psi 2. Flow condition at highest outlet: 1022 gpm (Every 5 years — 2005-2010-2015...)

54. Were fittings and piping in good condition?	X			62. Were hose threads correct to national standard?	X		
55. Were supports and hangers in good condition and well secured to piping and structure?	X			63. Were hose cabinet doors, glazing and latches in good condition?			X
56. Were hose valve outlets free of damage and obstruction?	X			64. Were hose cabinets identified, free of obstructions and accessible?			X
57. Were valve handles in place?	X			65. Were hoses removed, inspected and re-racked?			X
58. Were outlet caps and gaskets in place?	X			66. Were hose test dates current? (Maximum 3 years, 5 years if new)			X
59. Were restricting devices in proper locations?	X			67. Were hose nozzles and gaskets in place?			X
60. Were pressure regulating valves properly set?			X	68. Were hose nozzles operable and free of obstruction?			X
61. Was a full flow test conducted by a method resulting in a documented minimum flow of 250 gallons and a minimum rate of 250 gpm (5-year test — 2010-2015-2020)	X			69. Were dry standpipes given their hydrostatic test? (5-year test — 2010-2015-2020)			X

E. FIRE PUMP: Yes No

TYPE: Diesel Electric

70. Were fire pumps flow tested with the results recorded and left at the site?	X			77. Were pump controllers functioning properly and left in automatic mode?	X		
71. Did fire pumps operate per specification at churn, 100% and 150% flow?	X			78. Were batteries and cables in good condition?	X		
72. Were all relief valves functioning properly?	X			79. Were fuel tanks full?	X		
73. Were packing glands adjusted?	X			80. Was pump room ventilation operating properly?	X		
74. Were motor and pump bearings lubricated?			X	81. Were exhaust systems in good condition and properly insulated?	X		
75. Were pump alarms functioning properly?	X			82. Where the fire pump is connected to standby power, was the automatic transfer switch tested			X
76. Were engine coolant systems operating satisfactorily?	X						

COMMENTS:

ATTACH ADDITIONAL SHEETS IF NECESSARY, INCLUDE FIRE PUMP TEST RESULTS

WERE GAUGES ON ALL SYSTEMS IN GOOD CONDITION, INDICATING THE PROPER PRESSURE? (TESTED OR REPLACED EVERY 5 YEARS) -

2 GAUGES CENTER STAIR WELL OUT DATED.; WERE ALL SPRINKLER PIPES AND FITTINGS IN GOOD CONDITION? - **BADLY RUSTE

D PIPE ON JOCKEY PUMP DISCHARGE SIDE.**; WERE FIRE DEPARTMENT CONNECTIONS VISIBLE AND ACCESSIBLE WITH CAPS AND PLUG

S IN PLACE? - **WEST SIDE FDC MISSING 1 SWIVEL 2.5"***; WERE SPARE SPRINKLERS AND WRENCHES AVAILABLE? - **NOT ALL TY

PES NEEDED.**

CUSTOMER STATED THAT 5 YEAR INTERNAL AND 5 YEAR FDC SERVICES WERE DONE BY JOHNSON CONTROLS THEY ARE TRACKING REPORT

S IF NOT FOUND WE MAY NEED TO QUOTE THIS SERVICE IN THE FUTURE.

CUSTOMER SHOULD HAVE FIRE PUMP SERVICED BY FIRE PUM

P SERVICE COMPANY SHAFT PACKING LEAKING EXCESSIVELY.

CERTIFICATE HOLDER'S NAME (PRINT AND SIGN) DAVID ROACH 00D4739 

EMAIL ADDRESS _____

TEST DATE 4/10/2023

PHONE NUMBER _____

CERTIFICATE NUMBER _____