

INSPECTION AND TESTING FORM OF WATER BASED FIRE PROTECTION SYSTEMS

1. PROPERTY INFORMATION

Name of property: Philadelphia Charter School (4433-19124-00025)
 Address: 1197 HAWORTH ST. Philadelphia, PA 19124
 Description of property:
 Name of property representative: THE PHILADELPHIA CHARTER SCHOOL FOR (30454774), None
 Address: 1197 HAWORTH ST, PHILADELPHIA, PA 19124
 Phone: None Fax: None E-mail: None

2. TESTING INFORMATION

Testing Organization: SIEMENS Organization License No.: NA
 Address: 1450 Union Meeting Road, Blue Bell, PA 19422
 Phone: 215-654-8040 Fax: NA E-mail: NA
 Start Date/Time: 22 May 2023 7:00 AM Completion Date/Time: 22 May 2023 3:00 PM
 Contract Info: BPA2 FIS Philadelphia Charter (2600124827) Notification Number: 5102440051
 Inspection Type: Annual

NOTES: 1) All questions are to be answered Yes, No, or Not Applicable (NA). Explain all No answers in Parts 6, 7, or 8 of this form.
 2) Inspection, Testing, and Maintenance are to be performed with water supplies (including fire pumps) in service, unless the impairment procedures of NFPA 25 are followed.

3. GENERAL INFORMATION (TO BE COMPLETED BY OWNER)

Is the building fully sprinklered? Yes No (NA)
 Has the occupancy classification and hazard of contents remained the same since last inspection? Yes No (NA)
 Are all fire protection systems in service? Yes No (NA)
 Has the system remained in service without modification since last inspection? Yes No (NA)
 Have any fire systems, devices or alarms activated since the last inspection? Yes No (NA)
 If a fire has occurred since the last inspection, have all damaged sprinkler system components been replaced? Yes No (NA)

4. INSPECTOR'S SECTION

4.1 Inspections

Control valves in correct (open or closed) position and free from external leaks? Yes
 Control valves locked, sealed, or supervised? Yes
 Is proper signage in place at all required locations? Yes
 Spare sprinklers and wrench available and of proper type? Yes
 Hydraulic nameplate (calculated systems) securely attached and legible? (NA)
 Alarm and/or dry pipe valves free from physical damage, trim valves in appropriate position and no leakage? Yes
 Water flow alarm devices free from physical damage? Yes
 Fire department connections visible, signage, accessible, free from damage, couplings free, caps in place? Yes
 Gauges in good condition showing normal pressure? Yes
 Gauges calibrated or replaced within last 5 years? Yes
 Visible sprinklers free of corrosion and physical damage? Yes
 Visible sprinklers free of obstructions to spray patterns? Yes
 Visible sprinklers free of foreign materials including paint? Yes
 Visible pipe in good condition/ no external corrosion? Yes
 Visible pipe free from mechanical damage with no leaks? Yes
 Visible pipe properly aligned with no external loads? Yes
 Visible pipe hangers and seismic braces free from damage and secure? Yes
 Adequate heat in areas with wet piping? Yes

Has a 5-year internal investigation inspection been performed on the system(s)?	Year Performed:	(NA)
Post indicator valves are provided with a correct wrench and in the normal position?		(NA)
Backflow preventers relief port on RPZ device not discharging?		(NA)
For freezer systems, is the gauge near the compressor reading the same as the gauge near the dry-valve?		(NA)
Pressure Reducing valves are in the open position, not leaking, maintain downstream pressure accordance with the design criteria, good condition, and handwheels not broken?		(NA)
Valve enclosure for pre-action, deluge and dry systems are above 40f?		(NA)
Interior inspection of Dry/Pre-Action/Deluge valve performed?		(NA)
4.2 Testing		
Post indicating valves opened until spring or torsion is felt in the rod, then backed off one-quarter turn?		(NA)
Valve supervisory switches indicate movement?		Yes
All control valves operated through the full range and returned to the normal position?		Yes
Mechanical water flow alarm device passed tests by opening the inspector's test or bypass connection with alarms actuating and flow observed?		(NA)
Electrical Waterflow (Vane type, Paddle-type, and Pressure Switch-type) alarm devices passed tests by opening the inspector's test connection or bypass connection with alarm actuating, and flow is observed?		Yes
Do all supervisory and waterflow alarms properly transmit to and are received by alarm monitoring company?		Yes
Are all sprinklers dated 1920 or later?		Yes
Fast response sprinklers 20 or more years old replaced or successfully sample tested within last 10 years?	Year Performed:	(NA)
Standard response sprinklers 50 or more years old replaced or successfully sample tested within last 10 years?	Year Performed:	(NA)
Standard response sprinklers 75 or more years old replaced or successfully sample tested within last 5 years?	Year Performed:	(NA)
Dry type sprinklers replaced or successfully sample tested within last 10 years?	Year Performed:	(NA)
Operating stem of all OS&Y valves lubricated, completely closed, and reopened?		Yes
Priming level of dry pipe valves correct?		(NA)
Quick opening devices of dry pipe systems passed?		(NA)
Air compressor or nitrogen system in good condition per manufacture maintenance procedure?		(NA)
Is automatic air maintenance device working properly?		(NA)
Have low point drains of dry pipe systems been drained?		(NA)
Low air pressure signal of dry pipe system passed?		(NA)
Main Drain Test water pressure is within 10% reduction in full flow pressure compared to previous test?		Yes
Backflow device passed forward flow test?		Yes
Sprinklers that are subjected to harsh environments that are 5 or more years old replaced or successfully sampled tested within the last 5 years?	Year Performed:	(NA)
Sprinklers that are extra high or greater temperature solder type that are 5 or more years old replaced or successfully sampled tested within the last 5 years?	Year Performed:	(NA)
Has a full flow trip test been performed on dry type systems and passed? (once every 3 years)	Year Performed:	(NA)
Has an air leakage test been performed on dry type systems and passed? (once every 3 years)	Year Performed:	(NA)

5. MAIN DRAIN / TRIP TESTS RESULTS

5.1 Report Totals

Total Qty	Functionally Tested Qty	Functionally Tested %	Visually Tested Qty	Visually Tested %	Failed Qty	Failed %
2	1	50%	1	50%	0	0%

5.2 Report Totals by Type

Total Qty	Functionally Tested Qty	Functionally Tested %	Visually Tested Qty	Visually Tested %	Failed Qty	Failed %	Device or System Type
1	1	100%	0	0%	0	0%	Wet Sprinkler Systems
1	0	0%	1	100%	0	0%	Sprinkler FDC - 2 Inlets

5.3 Report Details by Type

Wet Sprinkler Systems												
Row	Date	Address	Location	Water Source	Source PSI	Test Pipe Size	Static PSI	Residual PSI	Restored Static PSI	Restore Time (sec)	Visual/Functional	Pass/Fail
1	05/22/23	01:01-Sp-01	Basement	City	65	2	160	150	160	2	Functional	Pass

Sprinkler FDC - 2 Inlets									
Row	Date	Address	Location	Size	Visual/Functional	Pass/Fail			
1	05/22/23	01-FDC 01	Parking lot	4	Visual	Pass			

6. COMMENTS

Address	Location	NFPA Classification	Comment:
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7. DEFICIENCIES (ONLY RELATED TO NFPA 25)

A condition that will or has the potential to adversely impact the performance of a system or portion thereof but does not rise to the level of an impairment.

Address	Location	NFPA Classification	Deficiencies:
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8. IMPAIRMENTS

A condition where a fire protection system or unit or portion thereof is out of order, and the condition can result in the fire protection system or unit not functioning in a fire event.

Address	Location	NFPA Classification	Impairments:
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9. CERTIFICATION

This Testing Was Performed in Accordance with Applicable NFPA Standards.

I state that the information on this form is correct at the time and place of my inspection and that all equipment tested at this time was left in operational condition upon completion of this inspection except as noted in Parts 6, 7, and 8 above.

Name of Inspector: Owen Gallagher/ Greg McGovern

Inspector License #:

Signature: Owen Gallagher

Date: 5-22-2023

10. ACCEPTANCE BY OWNER OR OWNER'S REPRESENTATIVE

Name of Owner or Representative: Carl

Signature: _____

Date: _____

The owner and/or designated representative acknowledges the responsibility of the operating condition of the component parts at the time of this inspection. Pursuant to the National Fire Protection Association Form 25, Chapter 4, the owner is responsible for proper maintenance and care of the sprinkler system. 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 understood that this inspection pertains to the condition of the sprinkler system on the day of inspection only. This inspection meets or exceeds NFPA 25 requirements and or local AHJ requirements. AHJ requirements supersede all other code requirements. The inspector shall not be liable for future defaults or defects in the sprinkler system which are beyond the inspector's control, including, but not limited to, failure from malicious tampering, accidents, lack of proper inspection, material failure or inadequate heating. The inspector can give no assurance, nor will be held liable, with regard to work that may have been previously performed or work performed at a future date by other companies. It is further understood that all information contained herein is provided to the best of the knowledge of the party providing such information.