

HIGH TECH FIRE PROTECTION

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NFPA Letter of Compliance

Date: November 20, 2017

To: Portland Fire Department

From: HTFP

Re: Fire Sprinkler System Compliance Letter

High Tech Fire Protection has retrofitted an existing NFPA 13 sprinkler system for (Baxter Academy) located at 185 Lancaster Street Portland, ME.

High Tech Fire Protection hereby guarantees the design, materials and workmanship to meet the requirements necessary for an approved retrofitted NFPA #13 Automatic Fire Sprinkler System per State and local authority.

Sincerely,
Ed Poulin
High Tech Fire Protection
207-998-2551
EPoulin@htfp.me

*Specializing in Commercial and Residential Fire Sprinkler Systems
Design • Installation • Inspection • Service*

SYSTEM RECORD OF COMPLETION

*This form is to be completed by the system installation contractor at the time of system acceptance and approval.
It shall be permitted to modify this form as needed to provide a more complete and/or clear record.*

Insert N/A in all unused lines.

Attach additional sheets, data, or calculations as necessary to provide a complete record.

Form Completion Date: 11.1.17 Supplemental Pages Attached: _____

1. PROPERTY INFORMATION

Name of property: BAXTER ACADEMY
Address: 185 LANCASTER ST
Description of property: OFFICE SCHOOL BUILDING
Name of property representative: JOEL BROWN
Address: SAME
Phone: _____ Fax: _____ E-mail: _____

2. INSTALLATION, SERVICE, TESTING, AND MONITORING INFORMATION

Installation contractor: DEBLOIS ELECTRIC
Address: 1033 Sabattus St, Lewiston, ME 04240
Phone: 2077836512 Fax: _____ E-mail: _____
Service organization: SIMPLEX GRINNELL
Address: 30 THOMAS DRIVE
Phone: 2078426440 Fax: _____ E-mail: _____
Testing organization: _____
Address: _____
Phone: _____ Fax: _____ E-mail: _____
Effective date for test and inspection contract: _____
Monitoring organization: PROTECTION ONE
Address: PORLTAND MAINE
Phone: 18003410107 Fax: _____ E-mail: _____
Account number: P0974224 Phone line 1: _____ Phone line 2: _____
Means of transmission: POTS
Entity to which alarms are retransmitted: PFD Phone: 2078748576

3. DOCUMENTATION

On-site location of the required record documents and site-specific software: FACP

4. DESCRIPTION OF SYSTEM OR SERVICE

This is a: New system Modification to existing system Permit number: _____
NFPA 72 edition: 2010

4.1 Control Unit

Manufacturer: SIMPLEX Model number: 4100ES

4.2 Software and Firmware

Firmware revision number: 14.01.05

4.3 Alarm Verification

This system does not incorporate alarm verification.

Number of devices subject to alarm verification: _____ Alarm verification set for _____ seconds

SYSTEM RECORD OF COMPLETION (continued)

5. SYSTEM POWER

5.1 Control Unit

5.1.1 Primary Power

Input voltage of control panel: 120v Control panel amps: 15

Overcurrent protection: Type: CIRCUIT BREAKER Amps: 20

Branch circuit disconnecting means location: MAIN ELEC ROOM Number: 10

5.1.2 Secondary Power

Type of secondary power: _____

Location, if remote from the plant: _____

Calculated capacity of secondary power to drive the system:

In standby mode (hours): _____ In alarm mode (minutes): _____

5.2 Control Unit

- This system does not have power extender panels
 Power extender panels are listed on supplementary sheet A

6. CIRCUITS AND PATHWAYS

Pathway Type	Dual Media Pathway	Separate Pathway	Class	Survivability Level
Signaling Line		X	B	1
Device Power		X		
Initiating Device		X	B	
Notification Appliance		X	B	
Other (specify):				

7. REMOTE ANNUNCIATORS

Type	Location

8. INITIATING DEVICES

Type	Quantity	Addressable or Conventional	Alarm or Supervisory	Sensing Technology
Manual Pull Stations	6	ADDRESSBALE	ALARM	
Smoke Detectors	22	ADDRESSBALE	ALARM	PHOTOELECTRIC
Duct Smoke Detectors	3	ADDRESSBALE	ALARM	PHOTOELECTRIC
Heat Detectors				
Gas Detectors	3	ADDRESSBALE	ALARM	
Waterflow Switches				
Tamper Switches				

SYSTEM RECORD OF COMPLETION (continued)

9. NOTIFICATION APPLIANCES

Type	Quantity	Description
Audible		
Visible	5	1st FL BAXTER ACADEMY ALL PASSED
Combination Audible and Visible	28	1st FL BAXTER ACADEMY ALL PASSED

10. SYSTEM CONTROL FUNCTIONS

Type	Quantity
Hold-Open Door Releasing Devices	2
HVAC Shutdown	3
Fire/Smoke Dampers	11
Door Unlocking	
Elevator Recall	
Elevator Shunt Trip	

11. INTERCONNECTED SYSTEMS

- This system does not have interconnected systems.
- Interconnected systems are listed on supplementary sheet _____ .

12. CERTIFICATION AND APPROVALS

12.1 System Installation Contractor

This system as specified herein has been installed according to all NFPA standards cited herein.

Signed: _____ Printed name: _____ Date: _____
 Organization: DEBLOIS ELECTRIC Title: ELECTRICIAN Phone: _____

12.2 System Operational Test

This system as specified herein has tested according to all NFPA standards cited herein.

Signed: Brani Gorelov Printed name: BRONI GORELOV Date: 11.1.17
 Organization: SIMPLEX Title: TECHNICIAN Phone: 2078426440

12.3 Acceptance Test

Date and time of acceptance test: _____
 Installing contractor representative: _____
 Testing contractor representative: _____
 Property representative: _____
 AHJ representative: _____

**NOTIFICATION APPLIANCE POWER PANEL
SUPPLEMENTARY RECORD OF COMPLETION**

This form is a supplement to the System Record of Completion. It includes a list of types and locations of notification appliance power extender panels.

This form is to be completed by the system installation contractor at the time of system acceptance and approval. It shall be permitted to modify this form as needed to provide a more complete and/or clear record. Insert N/A in all unused lines.

Form Completion Date: 11.1.17 Number of Supplemental Pages Attached: _____

1. PROPERTY INFORMATION

Name of property: BAXTER ACADEMY

Address: 185 LANCASTER T PORTLAND MAINE

2. NOTIFICATION APPLIANCE POWER EXTENDER PANELS

Make and Model	Location	Area Served	Power Source
SIMPLEX 4009	1ST FL Server Room	1st FL BAXTER ACADMEY	PANEL G CKT 25

See Main System Record of Completion for additional information, certifications, and approvals.

Baxter Academy Test Results 11-1-17

M1-151-0	PHOTO	SMOKE	1ST FL BXTR ACDMY SRVR CLSET 124B	M1-151	Passed
M1-152-0	PHOTO	SMOKE	1ST FL BXTR ACDMY CORR BY RM 127	M1-152	Passed
M1-153-0	PHOTO	SMOKE	1ST FL BXTR ACDMY CORR BY RM 128	M1-153	Passed
M1-154-0	PHOTO	SMOKE	1ST FL BXTR ACDMY CORR BY OFC 129	M1-154	Passed
M1-155-1	MPHOTO	SMOKE	1ST FL BXTR ACDMY CORR BY RR EXIT	M1-155	Passed
M1-157-0	PHOTO	SMOKE	1ST FL BXTR ACDMY CORR BY OFC 132	M1-157	Passed
M1-159-0	PHOTO	SMOKE	1ST FL BXTR ACDMY CORR BY RM 134	M1-159	Passed
M1-160-0	PHOTO	SMOKE	1ST FL BXTR ACDMY CORR BY RM 135	M1-160	Passed
M1-161-1	MPHOTO	SMOKE	1ST FL BXTR ACDMY CORR BY RM 119	M1-161	Passed
M1-162-0	PHOTO	SMOKE	1ST FL BXTR ACDMY CORR BY RM 118	M1-162	Passed
M1-163-0	PHOTO	SMOKE	1ST FL BXTR ACDMY CORR BY OFC 115	M1-163	Passed
M1-164-0	PHOTO	SMOKE	1ST FL BXTR ACDMY CORR BY RM 126	M1-164	Passed
M1-165-0	PHOTO	SMOKE	1ST FL BXTR ACDMY CORR @ RESTRMS	M1-165	Passed
M1-166-0	PHOTO	SMOKE	1ST FL BXTR ACDMY CORR BY OFC 114	M1-166	Passed
M1-167-0	PHOTO	SMOKE	1ST FL BXTR ACDMY CORR BY RM 113	M1-167	Passed
M1-168-0	PHOTO	SMOKE	1ST FL BXTR ACDMY TEACHR KICHNTE	M1-168	Passed
M1-169-0	PHOTO	SMOKE	1ST FL BXTR ACDMY CORR BY OFC 108	M1-169	Passed
M1-170-0	PHOTO	SMOKE	1ST FL BXTR ACDMY CORR BY RM 105	M1-170	Passed
M1-171-1	MPHOTO	SMOKE	1ST FL BXTR ACDMY LOBBY BY VESTIB	M1-171	Passed
M1-172-0	PHOTO	SMOKE	1ST FL BXTR ACDMY VESTIBULE ENTR	M1-172	Passed
M1-175-0	PHOTO	SMOKE	1ST FL BXTR ACDMY GREAT ROOM	M1-175	Passed
M1-176-0	PHOTO	SMOKE	1ST FL BXTR ACDMY GREAT ROOM	M1-176	Passed