

FIRE ALARM AND EMERGENCY COMMUNICATION SYSTEM RECORD OF COMPLETION

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.

1. PROPERTY INFORMATION

Name of property: 1600 Congress Street Building

Address: 1600 Congress Street; Portland, ME 04102

Description of property: Freedom Center

Occupancy type:

Name of property representative:

Address:

Phone:

Fax:

E-mail:

Authority having jurisdiction over this property: Portland FD

Phone:

Fax:

E-mail:

2. INSTALLATION, SERVICE, AND TESTING CONTRACTOR INFORMATION

Installation contractor for this equipment: East Coast Electric

Address:

License or certification number:

Phone:

Fax:

E-mail:

Service organization for this equipment: Cunningham Security

Address: 10 Princes Point Road; Yarmouth, ME

License or certification number:

Phone:

Fax:

E-mail:

A contract for test and inspection in accordance with NFPA standards is in effect as of:

Contracted testing company: Cunningham Security

Address:

Phone:

Fax:

E-mail:

Contract expires:

Contract number:

Frequency of routine inspections:

3. DESCRIPTION OF SYSTEM OR SERVICE

Fire alarm system (nonvoice)

Fire alarm with in-building fire emergency voice alarm communication system (EVACS)

Mass notification system (MNS)

Combination system, with the following components:

Fire alarm

EVACS

MNS

Two-way, in-building, emergency communication system

Other (specify):

3. DESCRIPTION OF SYSTEM OR SERVICE (continued)

NFPA 72 edition:

Additional description of system(s):

3.1 Control Unit

Manufacturer:

Fire Lite

Model number:

9600UDL

3.2 Mass Notification System

This system does not incorporate an MNS

3.2.1 System Type:

In-building MNS—combination

In-building MNS—stand-alone

Wide-area MNS

Distributed recipient MNS

Other (specify):

3.2.2 System Features:

Combination fire alarm/MNS

MNS autonomous control unit

Wide-area MNS to regional national alerting interface

Local operating console (LOC)

Direct recipient MNS (DRMNS)

Wide-area MNS to DRMNS interface

Wide-area MNS to high-power speaker array (HPSA) interface

In-building MNS to wide-area MNS interface

Other (specify):

3.3 System Documentation

An owner's manual, a copy of the manufacturer's instructions, a written sequence of operation, and a copy of the numbered record drawings are stored on site. Location:

3.4 System Software

This system does not have alterable site-specific software.

Operating system (executive) software revision level:

Site-specific software revision date:

12-19-19

Revision completed by:

12-19-19

A copy of the site-specific software is stored on site. Location:

3.5 Off-Premises Signal Transmission

This system does not have off-premises transmission.

Name of organization receiving alarm signals with phone numbers:

Alarm:

Affiliated

Phone:

1800 296 9000

Supervisory:

↓

Phone:

Trouble:

↓

Phone:

Entity to which alarms are retransmitted:

Phone:

Method of retransmission:

Cell

If Chapter 26, specify the means of transmission from the protected premises to the supervising station:

If Chapter 27, specify the type of auxiliary alarm system:

Local energy

Shunt

Wired

Wireless

4. CIRCUITS AND PATHWAYS

4.1 Signaling Line Pathways

4.1.1 Pathways Class Designations and Survivability

Pathways class: _____ Survivability level: _____ Quantity: _____
(See NFPA 72, Sections 12.3 and 12.4)

4.1.2 Pathways Utilizing Two or More Media

Quantity: _____ Description: _____

4.1.3 Device Power Pathways

- No separate power pathways from the signaling line pathway
- Power pathways are separate but of the same pathway classification as the signaling line pathway
- Power pathways are separate and different classification from the signaling line pathway

4.1.4 Isolation Modules

Quantity: _____

4.2 Alarm Initiating Device Pathways

4.2.1 Pathways Class Designations and Survivability

Pathways class: A Survivability level: 0 Quantity: 2
(See NFPA 72, Sections 12.3 and 12.4)

4.2.2 Pathways Utilizing Two or More Media

Quantity: _____ Description: _____

4.2.3 Device Power Pathways

- No separate power pathways from the initiating device pathway
- Power pathways are separate but of the same pathway classification as the initiating device pathway
- Power pathways are separate and different classification from the initiating device pathway

4.3 Non-Voice Audible System Pathways

4.3.1 Pathways Class Designations and Survivability

Pathways class: A Survivability level: 0 Quantity: 4
(See NFPA 72, Sections 12.3 and 12.4)

4.3.2 Pathways Utilizing Two or More Media

Quantity: _____ Description: _____

4.3.3 Device Power Pathways

- No separate power pathways from the notification appliance pathway
- Power pathways are separate but of the same pathway classification as the notification appliance pathway
- Power pathways are separate and different classification from the notification appliance pathway

5. ALARM INITIATING DEVICES

5.1 Manual Initiating Devices

5.1.1 Manual Fire Alarm Boxes

This system does not have manual fire alarm boxes.

Type and number of devices: Addressable: 2 Conventional: Coded: Transmitter:
Other (specify):

5.1.2 Other Alarm Boxes

This system does not have other alarm boxes.

Description:
Type and number of devices: Addressable: Conventional: Coded: Transmitter:
Other (specify):

5.2 Automatic Initiating Devices

5.2.1 Smoke Detectors

This system does not have smoke detectors.

Type and number of devices: Addressable: 40 Conventional:
Other (specify):

Type of coverage: Complete area Partial area Nonrequired partial area

Other (specify):
Type of smoke detector sensing technology: Ionization Photoelectric Multicriteria Aspirating Beam
Other (specify):

5.2.2 Duct Smoke Detectors

This system does not have alarm-causing duct smoke detectors.

Type and number of devices: Addressable: Conventional:
Other (specify):
Type of coverage:

Type of smoke detector sensing technology: Ionization Photoelectric Aspirating Beam

5.2.3 Radiant Energy (Flame) Detectors

This system does not have radiant energy detectors.

Type and number of devices: Addressable: Conventional:
Other (specify):
Type of coverage:

5.2.4 Gas Detectors

This system does not have gas detectors.

Type of detector(s): CO
Number of devices: Addressable: 3 Conventional:
Type of coverage:

5.2.5 Heat Detectors

This system does not have heat detectors.

Type and number of devices: Addressable: Conventional:
Type of coverage: Complete area Partial area Nonrequired partial area Linear Spot
Type of heat detector sensing technology: Fixed temperature Rate-of-rise Rate compensated

5. ALARM INITIATING DEVICES (continued)

5.2.6 Addressable Monitoring Modules

This system does not have monitoring modules.

Number of devices: _____

5.2.7 Waterflow Alarm Devices

This system does not have waterflow alarm devices.

Type and number of devices: Addressable: 2 Conventional: _____ Coded: _____ Transmitter: _____

5.2.8 Alarm Verification

This system does not incorporate alarm verification.

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

5.2.9 Presignal

This system does not incorporate pre-signal.

Number of devices subject to presignal: _____

Describe presignal functions: _____

5.2.10 Positive Alarm Sequence (PAS)

This system does not incorporate PAS.

Describe PAS: _____

5.2.11 Other Initiating Devices

This system does not have other initiating devices.

Describe: _____

6. SUPERVISORY SIGNAL-INITIATING DEVICES

6.1 Sprinkler System Supervisory Devices

This system does not have sprinkler supervisory devices.

Type and number of devices: Addressable: 3 Conventional: _____ Coded: _____ Transmitter: _____

Other (specify): _____

6.2 Fire Pump Description and Supervisory Devices

This system does not have a fire pump.

Type fire pump: Electric pump Engine

Type and number of devices: Addressable: _____ Conventional: _____ Coded: _____ Transmitter: _____

Other (specify): _____

6.2.1 Fire Pump Functions Supervised

Power Running Phase reversal Selector switch not in auto Engine or control panel trouble Low fuel

Other (specify): _____

6.3 Duct Smoke Detectors (DSDs)

This system does not have DSDs causing supervisory signals.

Type and number of devices: Addressable: _____ Conventional: _____

Other (specify): _____

Type of coverage: _____

Type of smoke detector sensing technology: Ionization Photoelectric Aspirating Beam

6.4 Other Supervisory Devices

This system does not have other supervisory devices.

Describe: _____

7. MONITORED SYSTEMS

7.1 Engine-Driven Generator

This system does not have a generator.

7.1.1 Generator Functions Supervised

- Engine or control panel trouble
- Generator running
- Selector switch not in auto
- Low fuel
- Other (specify):

7.2 Special Hazard Suppression Systems

This system does not monitor special hazard systems.

Description of special hazard system(s):

7.3 Other Monitoring Systems

This system does not monitor other systems.

Description of special hazard system(s):

8. ANNUNCIATORS

This system does not have annunciators.

8.1 Location and Description of Annunciators

Location 1: Nurse Station Freedom Center
 Location 2: ?
 Location 3:

9. ALARM NOTIFICATION APPLIANCES

9.1 In-Building Fire Emergency Voice Alarm Communication System

This system does not have an EVACS.

Number of single voice alarm channels: _____ Number of multiple voice alarm channels: _____
 Number of speakers: _____ Number of speaker circuits: _____
 Location of amplification and sound-processing equipment: _____
 Location of paging microphone stations: _____
 Location 1: _____
 Location 2: _____
 Location 3: _____

9.2 Nonvoice Notification Appliances

This system does not have nonvoice notification appliances.

Horns: 17 With visible: 40 Bells: _____ With visible: _____
 Chimes: _____ With visible: _____
 Visible only: _____ Other (describe): _____

9.3 Notification Appliance Power Extender Panels

This system does not have power extender panels.

Quantity: 2
 Locations: Above FACP

10. MASS NOTIFICATION CONTROLS, APPLIANCES, AND CIRCUITS

This system does not have an MNS.

10.1 MNS Local Operating Consoles

Location 1:

Location 2:

Location 3:

10.2 High-Power Speaker Arrays

Number of HPSA speaker initiation zones:

Location 1:

Location 2:

Location 3:

10.3 Mass Notification Devices

Combination fire alarm/MNS visible appliances:

MNS-only visible appliances:

Textual signs:

Other (describe):

Supervision class:

10.3.1 Special Hazard Notification

This system does not have special suppression predischarge notification.

MNS systems DO NOT override notification appliances required to provide special suppression predischarge notification.

11. TWO-WAY EMERGENCY COMMUNICATION SYSTEMS

11.1 Telephone System

This system does not have a two-way telephone system.

Number of telephone jacks installed:

Number of warden stations installed:

Number of telephone handsets stored on site:

Type of telephone system installed: Electrically powered Sound powered

11.2 Two-Way Radio Communications Enhancement System

This system does not have a two-way radio communications enhancement system.

Percentage of area covered by two-way radio service: Critical areas: % General building areas: %

Amplification component locations:

Inbound signal strength: dBm Outbound signal strength: dBm

Donor antenna isolation is: dB above the signal booster gain

Radio frequencies covered:

Radio system monitor panel location:

11. TWO-WAY EMERGENCY COMMUNICATION SYSTEMS (continued)

11.3 Area of Refuge (Area of Rescue Assistance) Emergency Communications Systems

This system does not have an area of refuge (area of rescue assistance) emergency communications system.

Number of stations: _____ Location of central control point: _____

Days and hours when central control point is attended: _____

Location of alternate control point: _____

Days and hours when alternate control point is attended: _____

11.4 Elevator Emergency Communications Systems

This system does not have an elevator emergency communications system.

Number of elevators with stations: _____ Location of central control point: _____

Days and hours when central control point is attended: _____

Location of alternate control point: _____

Days and hours when alternate control point is attended: _____

11.5 Other Two-Way Communication Systems

Describe: _____

12. CONTROL FUNCTIONS

This system activates the following control functions:

- Hold-open door releasing devices
- Smoke management
- HVAC shutdown
- F/S dampers
- Door unlocking
- Elevator recall
- Fuel source shutdown
- Extinguishing agent release
- Elevator shunt trip
- Mass notification system override of fire alarm notification appliances

Other (specify): _____

12.1 Addressable Control Modules

This system does not have control modules.

Number of devices: _____

Other (specify): _____

13. SYSTEM POWER

13.1 Control Unit

13.1.1 Primary Power

Input voltage of control panel: 120 Control panel amps: 3.25

Overcurrent protection: Type: Breaker Amps: 20

Location (of primary supply panel board): _____

Disconnecting means location: _____

13.1.2 Engine-Driven Generator

This system does not have a generator.

Location of generator: _____

Location of fuel storage: _____ Type of fuel: _____

13. SYSTEM POWER (continued)

13.1.3 Uninterruptible Power System

This system does not have a UPS.

Equipment powered by a UPS system: _____

Location of UPS system: _____

Calculated capacity of UPS batteries to drive the system components connected to it:

In standby mode (hours): _____

In alarm mode (minutes): _____

13.1.4 Batteries

Location: Panel Type: SLA Nominal voltage: 12 Amp/hour rating: 12

Calculated capacity of batteries to drive the system:

In standby mode (hours): _____

In alarm mode (minutes): _____

Batteries are marked with date of manufacture

Battery calculations are attached

13.2 In-Building Fire Emergency Voice Alarm Communication System or Mass Notification System

This system does not have an EVACS or MNS system.

13.2.1 Primary Power

Input voltage of EVACS or MNS panel: _____

EVACS or MNS panel amps: _____

Overcurrent protection: Type: _____

Amps: _____

Location (of primary supply panel board): _____

Disconnecting means location: _____

13.2.2 Engine-Driven Generator

This system does not have a generator.

Location of generator: _____

Location of fuel storage: _____

Type of fuel: _____

13.2.3 Uninterruptible Power System

This system does not have a UPS.

Equipment powered by a UPS system: _____

Location of UPS system: _____

Calculated capacity of UPS batteries to drive the system components connected to it:

In standby mode (hours): _____

In alarm mode (minutes): _____

13.2.4 Batteries

Location: _____ Type: _____ Nominal voltage: _____ Amp/hour rating: _____

Calculated capacity of batteries to drive the system:

In standby mode (hours): _____

In alarm mode (minutes): _____

Batteries are marked with date of manufacture

Battery calculations are attached

13. SYSTEM POWER (continued)

13.3 Notification Appliance Power Extender Panels

This system does not have power extender panels.

13.3.1 Primary Power

Input voltage of power extender panel(s): 120

Power extender panel amps: 3.2

Overcurrent protection: Type: Breaker

Amps: 20

Location (of primary supply panel board): Above VAVR Maine Electrical Rm

Disconnecting means location: House Panel ckt 3

13.3.2 Engine-Driven Generator

This system does not have a generator.

Location of generator:

Location of fuel storage:

Type of fuel:

13.3.3 Uninterruptible Power System

This system does not have a UPS.

Equipment powered by a UPS system:

Location of UPS system:

Calculated capacity of UPS batteries to drive the system components connected to it:

In standby mode (hours):

In alarm mode (minutes):

13.3.4 Batteries

Location: Panel

Type: SLA

Nominal voltage: 12

Amp/hour rating: 7

Calculated capacity of batteries to drive the system:

In standby mode (hours):

In alarm mode (minutes):

Batteries are marked with date of manufacture

Battery calculations are attached

14. RECORD OF SYSTEM INSTALLATION

Fill out after all installation is complete and wiring has been checked for opens, shorts, ground faults, and improper branching, but before conducting operational acceptance tests.

This is a: New system Modification to an existing system Permit number:

The system has been installed in accordance with the following requirements: (Note any or all that apply.)

NFPA 72, Edition: 2013

NFPA 70, National Electrical Code, Article 760, Edition: 2014

Manufacturer's published instructions

Other (specify):

System deviations from referenced NFPA standards:

Signed: [Signature]
Organization: Cuningham Sec.

Printed name: Jonathan Rith
Title: Tech

Date: 12-19-19
Phone: 846 3350

15. RECORD OF SYSTEM OPERATIONAL ACCEPTANCE TEST

New system

All operational features and functions of this system were tested by, or in the presence of, the signer shown below, on the date shown below, and were found to be operating properly in accordance with the requirements for the following:

Modifications to an existing system

All newly modified operational features and functions of the system were tested by, or in the presence of, the signer shown below, on the date shown below, and were found to be operating properly in accordance with the requirements of the following:


NFPA 72, Edition: 2013

NFPA 70, National Electrical Code, Article 760, Edition: 2014

Manufacturer's published instructions

Other (specify):

Individual device testing documentation [Inspection and Testing Form (Figure 14.6.2.4) is attached]

Signed: 
Organization: Cunningham

Printed name: Jonathon Roth
Title: Tech

Date: 12-19-19
Phone: 846-3358

16. CERTIFICATIONS AND APPROVALS

16.1 System Installation Contractor:

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

Signed: 
Organization: East Coast Electric

Printed name: Chal Cote
Title: Foreman

Date: 12.19.19
Phone: 423 3432

16.2 System Service Contractor:

The undersigned has a service contract for this system in effect as of the date shown below.

Signed:
Organization:

Printed name:
Title:

Date:
Phone:

16.3 Supervising Station:

This system, as specified herein, will be monitored according to all NFPA standards cited herein.

Signed:
Organization:

Printed name:
Title:

Date:
Phone:

16. CERTIFICATIONS AND APPROVALS (continued)

16.4 Property or Owner Representative:

This system, as specified herein, will be monitored according to all NFPA standards cited herein.

Signed: _____ Printed name: _____ Date: _____
Organization: _____ Title: _____ Phone: _____

16.5 Authority Having Jurisdiction:

I have witnessed a satisfactory acceptance test of this system and find it to be installed and operating properly in accordance with its approved plans and specifications, with its approved sequence of operations, and with all NFPA standards cited herein.

Signed: _____ Printed name: _____ Date: _____
Organization: _____ Title: _____ Phone: _____

Account Name: Medical Office Building Date: 12-19-19

Installer Name: Jon Ruth, Briar M. Takeover: Y or N

Address Zone	Zone Part	Zone Description	W/L	Address Zone	Zone Part	Zone Description	W/L
1	319	Smoke Vestibule 100	✓	25	343	Smoke Clean Supply 131	✓
2	320	Smoke Coats / Wheel Chairs	✓	26	344	Smoke Soiled Utility 132	✓
3	321	Smoke Training 107	✓	27	345	Smoke Corridor 142	✓
4	322	Smoke Nurse 108		28	346	Smoke Clinic Manager 133	✓
5	323	Smoke Training 112	✓	29	347	Smoke Conference 106	✓
6	324	Smoke Corridor 111	✓	30	348	Smoke Corridor 142	✓
7	325	Smoke Training 113	✓	31	349	Smoke Staff lounge 143	✓
8	326	Smoke Nurses 117	✓	32	350	Smoke Physicians 144	✓
9	327	Smoke Med. Waste 114		33	351	Smoke Social Worker 145	✓
10	328	Smoke Training 115	✓	34	352	Smoke Corridor 142	✓
11	329	Smoke Training 116	✓	35	353	Smoke Corridor 138	✓
12	330	Smoke Nurses 117	✓	36	354	Smoke Corridor 138	✓
13	331	Smoke Training 119	✓	37	355	Smoke Tel/Data 111 136	✓
14	332	Smoke Training 121	✓	38	356	Smoke Electric Alcove 138	✓
15	333	Smoke Training 122	✓	39	357	Smoke Storage 134	✓
16	334	Smoke Waiting 101	✓	40	358	Smoke Storage 134	
17	335	Smoke Receptionist 104	✓	⊗	mo1	Pull Station Waiting Area	478 ✓
18	336	Smoke Med 105	✓	⊗	mo2	Pull Station Nurse 108	479 ✓
19	337	Smoke Lab Prep 124	✓	⊗	mo3	CO Detector Treatment 127	480
20	338	Smoke Med Prep 125	✓	⊗	mo4	CO Detector Treatment 127	481
21	339	Smoke Nurse Office 126	✓	⊗	mo5	CO Detector Storage 134	482
22	340	Smoke Treatment Room 127	✓	⊗			
23	341	Smoke Nurses 128	✓	⊗			
24	342	Smoke Treatment	✓	⊗			

Panel Location: _____ CB# _____ Account #: T31 3596

RJ 31X#'s Primary: _____ Secondary #: _____

Keypad Location: _____ Siren Loc: _____

X-fmr Location: _____ GND Loc: _____

Wireless Rec'r # and Loc: _____ Radio # and Loc: _____