R.B. Allen Co., Inc.
www.rballen.com

131 LAFAYETTE RD

NORTH HAMPTON NEW HAMPSHIRE 03862

1-800-258-7264

FIRE ALARM SYSTEMS

TESTING • MAINTENANCE • ENGINEERING • INSTALLATION

FIRE ALARM AND EMERGENCY COMMUNICATION SYSTEM INSPECTION AND TESTING FORM

To be completed by the system inspector or tester at the time of the inspection or test.
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.

7-24-17 Time of inspection or test: 5PM

1. PROPERTY INFORMATION

Name of property:

Address: 161 MARGINAL WAY PORTLAND MAINE

Description of property: MEDICAL

Occupancy type:

Name of property representative:

Address:

Phone: Fax: E-mail:

Authority having jurisdiction over this property:

Phone: Fax: E-mail:

2. INSTALLATION, SERVICE, AND TESTING CONTRACTOR INFORMATION

Service and/or testing organization for this equipment: R.B.ALLEN

Address: 131 LAFAYETTE RD NORTH HAMPTON N.H.

Phone: Fax: E-mail:

Service technician or tester:

Qualifications of technician or tester:

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

The contract expires: Contract number: Frequency of tests and inspections:

Monitoring organization for this equipment: CUNNINGHAM SECURITY

Address:

Phone: Fax: E-mail:

Entity to which alarms are retransmitted: Phone:

3. TYPE 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. TYPE OF SYSTEM OR SERVICE *(continued)*

NFPA 72 edition: 2010 Additional description of system(s):

3.1 Control Unit

Manufacturer: EST Model number: IO500

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 ACU only ☐ 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 record record drawings are stored on site. Location: BY FACP

3.4 System Software ☐ This system does not have alterable site-specific software.

Software revision number: IOCU 4.0 Software last updated on: 7-24-17

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

4. SYSTEM POWER

4.1 Control Unit

4.1.1 Primary Power

Input voltage of control panel: 120 Control panel amps: 2.0

4.1.2 Engine-Driven Generator ☐ This system does not have a generator.

Location of generator:

Location of fuel storage: Type of fuel:

4.1.3 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):

4. SYSTEM POWER *(continued)*

4.1.4 Batteries

Location: FCC Type: SLA Nominal voltage: 12 Amp/hour rating: 35

Calculated capacity of batteries to drive the system:

In standby mode (hours): 24 In alarm mode (minutes): 5

☒ Batteries are marked with date of manufacture.

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

☒ This system does not have an EVACS or MNS.

4.2.1 Primary Power

Input voltage of EVACS or MNS panel: EVACS or MNS panel amps:

4.2.2 Engine-Driven Generator ☒ This system does not have a generator.

Location of generator:

Location of fuel storage: Type of fuel:

4.2.3 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):

4.2.4 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.

4.3 Notification Appliance Power Extender Panels ☐ This system does not have power extender panels.

4.3.1 Primary Power

Input voltage of power extender panel(s): 120 Power extender panel amps: 2.0

4.3.2 Engine-Driven Generator ☐ This system does not have a generator.

Location of generator:

Location of fuel storage: Type of fuel:

4.3.3 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):

4. SYSTEM POWER *(continued)*

4.3.4 Batteries

Location: IN EXTENDERS Type: SLA Nominal voltage: 12 Amp/hour rating: 8

Calculated capacity of batteries to drive the system:

In standby mode (hours): 24 In alarm mode (minutes): 5

☐ Batteries are marked with date of manufacture.

5. ANNUNCIATORS

☐ This system does not have annunciators.

5.1 Location and Description of Annunciators

Annunciator 1: NONE

Annunciator 2,4,5,6,7

Annunciator 3:

6. NOTIFICATIONS MADE PRIOR TO TESTING

Monitoring organization	Contact:		Time:	
Building management	Contact:		Time:	
Building occupants	Contact:		Time:	
Authority having jurisdiction	Contact:		Time:	
Other, if required	Contact:		Time:	

7. TESTING RESULTS

7.1 Control Unit and Related Equipment

Description	Visual Inspection	Functional Test	Comments
Control unit	☒	☒	TESTED AS DESIGNED
Lamps/LEDs/LCDs	☒	☒	TESTED AS DESIGNED
Fuses	☒	☒	TESTED AS DESIGNED
Trouble signals	☒	☒	TESTED AS DESIGNED
Disconnect switches	☒	☒	TESTED AS DESIGNED
Ground-fault monitoring	☒	☒	TESTED AS DESIGNED
Supervision	☒	☒	TESTED AS DESIGNED

Local annunciator	☒	☒	TESTED AS DESIGNED
Remote annunciators	☒	☒	TESTED AS DESIGNED
Power extender panels	☒	☒	TESTED AS DESIGNED
Isolation modules	☒	☒	
Other (specify)	☐	☐	

7. TESTING RESULTS *(continued)*

7.2 Control Unit Power Supplies

Description	Visual Inspection	Functional Test	Comments
120-volt power	☒	☒	TESTED AS DESIGNED
Generator or UPS	☒	☒	TESTED AS DESIGNED
Battery condition	☒	☒	TESTED AS DESIGNED
Load voltage	☒	☒	TESTED AS DESIGNED
Discharge test	☐	☐	
Charger test	☐	☐	
Other (specify)	☐	☐	

7.3 In-Building Fire Emergency Voice Alarm Communications Equipment

Description	Visual Inspection	Functional Test	Comments
Control unit	☐	☐	N/A
Lamps/LEDs/LCDs	☐	☐	N/A
Fuses	☐	☐	N/A
Primary power supply	☐	☐	N/A
Secondary power supply	☐	☐	N/A
Trouble signals	☐	☐	N/A
Disconnect switches	☐	☐	N/A
Ground-fault monitoring	☐	☐	N/A
Panel supervision	☐	☐	N/A
System performance	☐	☐	N/A
Sound pressure levels Occupied ☐ Yes ☐ No Ambient _____ dBA Alarm _____ dBA (attach report with locations, values, and weather conditions)	☐	☐	N/A

System intelligibility ☐ CSI ☐ STI (attach report with locations, values, and weather conditions)	☐	☐	N/A
Other (specify)	☐	☐	N/A

7. TESTING RESULTS *(continued)*

7.4 Notification Appliance Power Extender Panels

Description	Visual Inspection	Functional Test	Comments
Lamps/LEDs/LCDs	☒	☒	TESTED AS DESIGNED
Fuses	☒	☒	TESTED AS DESIGNED
Primary power supply	☒	☒	TESTED AS DESIGNED
Secondary power supply	☒	☒	TESTED AS DESIGNED
Trouble signals	☒	☒	TESTED AS DESIGNED
Ground-fault monitoring	☒	☒	TESTED AS DESIGNED
Panel supervision	☒	☒	TESTED AS DESIGNED
Other (specify)	☒	☒	

7.5 Mass Notification Equipment

Description	Visual Inspection	Functional Test	Comments
Functional test	☐	☐	N/A
Reset/power down test	☐	☐	N/A
Fuses	☐	☐	N/A
Primary power supply	☐	☐	N/A
UPS power test	☐	☐	N/A
Trouble signals	☐	☐	N/A
Disconnect switches	☐	☒	N/A
Ground-fault monitoring	☐	☐	N/A
CCU security mechanism	☐	☐	N/A
Prerecorded message content	☐	☐	N/A
Prerecorded message activation	☐	☐	N/A
Software backup performed	☐	☐	N/A
Test backup software	☐	☐	N/A
Fire alarm to MNS interface	☐	☐	N/A
MNS to fire alarm interface	☐	☐	N/A
In-building MNS to wide-area MNS	☐	☐	N/A

7. TESTING RESULTS *(continued)*

7.5 Mass Notification Equipment *(continued)*

Description	Visual Inspection	Functional Test	Comments
MNS to direct recipient MNS	☐	☐	N/A
Sound pressure levels Occupied ☐ Yes ☐ No Ambient _____ dBA Alarm _____ dBA (attach report with locations, values, and weather conditions)	☐	☐	
System intelligibility ☐ CSI ☐ STI (attach report with locations, values, and weather conditions)	☐	☐	
Other (specify)	☐	☐	

7.6 Two-Way Communications Equipment

Description	Visual Inspection	Functional Test	Comments
Phone handsets	☐	☐	N/A
Phone jacks	☐	☐	N/A
Off-hook indicator	☐	☐	N/A
Call-in signal	☐	☐	N/A
System performance	☐	☒	N/A
System audibility	☐	☐	N/A
System intelligibility	☐	☐	N/A
Radio communications enhancement system	☐	☐	N/A
Area of refuge communication system	☐	☐	N/A
Elevator emergency communications system	☐	☐	N/A
Other (specify)	☐	☐	N/A

7. TESTING RESULTS *(continued)*

7.7 Combination Systems

Description	Visual Inspection	Functional Test	Comments
Fire extinguishing monitoring devices/system	☐	☐	N/A
Carbon monoxide detector/system	☐	☐	N/A
Combination fire/security system	☐	☐	N/A
Other (specify)	☐	☐	N/A

7.8 Special Hazard Systems

Description (specify)	Visual Inspection	Functional Test	Comments
	☒	☒	
	☒	☒	
	☐	☐	

7.9 Emergency Communications System

☐ Visual

☐ Functional

☐ Simulated operation

☐ Ensure predischarge notification appliances of special hazard systems are not overridden by the MNS. See *NFPA 72*, 24.4.1.7.1.

7.10 Monitored Systems

Description (specify)	Visual Inspection	Functional Test	Comments
Engine-driven generator	☒	☒	N/A
Fire pump	☐	☐	N/A
Special suppression systems	☐	☐	N/A
Other (specify)	☐	☐	N/A

7. TESTING RESULTS *(continued)*

7.11 Auxiliary Functions

Description	Visual Inspection	Functional Test	Comments
Door-releasing devices	☒	☒	TESTED AS DESIGNED
Fan shutdown	☒	☒	TESTED AS DESIGNED
Smoke management/smoke control	☒	☒	TESTED AS DESIGNED
Smoke damper operation	☒	☒	TESTED AS DESIGNED
Smoke shutter release	☒	☒	TESTED AS DESIGNED
Door unlocking	☒	☒	TESTED AS DESIGNED
Elevator recall	☒	☒	TESTED AS DESIGNED
Elevator shunt trip	☒	☒	TESTED AS DESIGNED
MNS override of FA signals	☐	☐	N/A
Other (specify)	☐	☐	

7.12 Alarm Initiating Device

☒ Device test results sheet attached listing all devices tested and the results of the testing

7.13 Supervisory Alarm Initiating Device

☐ Device test results sheet attached listing all devices tested and the results of the testing

7.14 Alarm Notification Appliances

☒ Appliance test results sheet attached listing all appliances tested and the results of the testing

7.15 Supervisory Station Monitoring

Description	Yes	No	Time	Comments
Alarm signal	☒	☐		
Alarm restoration	☒	☐		
Trouble signal	☒	☐		
Trouble restoration	☒	☐		
Supervisory signal	☒	☐		
Supervisory restoration	☒	☐		

8. NOTIFICATIONS THAT TESTING IS COMPLETE

Monitoring organization	Contact:	CUNNINGHAM SECURITY	Time:	11am
Building management	Contact:		Time:	
Building occupants	Contact:		Time:	
Authority having jurisdiction	Contact:		Time:	
Other, if required	Contact:		Time:	

9. SYSTEM RESTORED TO NORMAL OPERATION

Date: Time: 3-24-17 5:25PM

10. CERTIFICATION

10.1 Inspector Certification:

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

Signed:	Brian Fournier	Printed name:	Brian Fournier	Date:	7-24-17
Organization:	R.B ALLEN CO	Title:	TECHNICIAN	Phone:	603-964-8140

10.2 Acceptance by Owner or Owner's Representative:

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

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

DEVICE TEST RESULTS

(Attach additional sheets if required)

Device Type	Address		LOCATION
PHOTO SMK	1-46		SMOKE 1ST FL CORR BY LAZER EXAM 120
PHOTO SMK	1-47		SMOKE 1ST FL BY DOOR TO ELEVATOR LOBBY
PHOTO SMK	1-48		SMOKE 1ST FL IN PRE OP BY RM 108.4