



FIRE ALARM AND EMERGENCY COMMUNICATION SYSTEM RECORD OF COMPLETION

1. PROPERTY INFORMATION

Name of property: Americold
Address: 165 Read St Portland, Maine 04103
Description of property: Cold Storage Facility
Occupancy type: Storage
Name of property representative: Michelle Brooks
Address: _____
Phone: 207-773-7258 Fax: _____ E-mail: _____
Authority having jurisdiction over this property: Portland Fire Department
Phone: 207-874-8400 Fax: _____ E-mail: _____

2. INSTALLATION, SERVICE, AND TESTING CONTRACTOR INFORMATION

Installation contractor for this equipment: Protection One
Address: 10 Manuel Dr Portland, ME 04103
License or certification number: MC60018702
Phone: 207-347-5300 Fax: 207-772-7355 E-mail: _____
Service organization for this equipment: same
Address: _____
License or certification number: _____
Phone: _____ Fax: _____ E-mail: _____
A contract for test and inspection in accordance with NFPA standards is in effect as of: 5-30-08
Contracted testing company: Protection One
Address: 10 Manuel Drive Portland, Maine 04103
Phone: 207-347-5300 Fax: 207-772-7355 E-mail: _____
Contract expires: 5-29-13 Contract number: 300104517 Frequency of routine inspections: Annual

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: 2010 Additional description of system(s):

3.1 Control Unit

Manufacturer: Fire Life Model number: MS-106D7

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:

Revision completed by:

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: Protection One Phone: 1-800-GET-HELP
Supervisory: u Phone: u
Trouble: u Phone: u
Entity to which alarms are retransmitted: Pockland FDP Phone: 1-207-874-8576
Method of retransmission: POTS + Mgster box #1443

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

POTS + DACT

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: -NA- Survivability level: -NA- Quantity: -NA-
(See NFPA 72, Sections 12.3 and 12.4)

4.1.2 Pathways Utilizing Two or More Media

Quantity: -NA- Description: -NA-

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: -NA-

4.2 Alarm Initiating Device Pathways

4.2.1 Pathways Class Designations and Survivability

Pathways class: B Survivability level: 0 Quantity: 10
(See NFPA 72, Sections 12.3 and 12.4)

4.2.2 Pathways Utilizing Two or More Media

Quantity: -NA- Description: -NA-

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: B Survivability level: 0 Quantity: 1
(See NFPA 72, Sections 12.3 and 12.4)

4.3.2 Pathways Utilizing Two or More Media

Quantity: -NA- Description: -NA-

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: _____ Conventional: 3 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: _____ 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): _____

Number of devices: Addressable: _____ Conventional: _____

Type of coverage: _____

5.2.5 Heat Detectors This system does not have heat detectors.

Type and number of devices: Addressable: _____ Conventional: 85

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: _____ 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: _____ 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: _____

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: _____ With visible: 4 Bells: _____ With visible: _____

Chimes: _____ With visible: _____

Visible only: 1 Other (describe): _____

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

Quantity: _____

Locations: _____

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 predischage notification.

MNS systems DO NOT override notification appliances required to provide special suppression predischage 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): Cooler shut down on Facp relay #1

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: 3.9

Overcurrent protection: Type: circuit breaker Amps: 20

Location (of primary supply panel board): Old Engine Room

Disconnecting means location: Engine Room Panel #2 breaker #8

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: FACP Type: SLA Nominal voltage: 12V Amp/hour rating: 12AH

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 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):

Power extender panel amps:

Overcurrent protection: Type:

Amps:

Location (of primary supply panel board):

Disconnecting means location:

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:

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

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 confining operational acceptance tests.

This is a: New system Modification to an existing system

Permit number: 100150

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

NFPA 72, Edition: 2010

NFPA 70, National Electrical Code, Article 760, Edition: 2008

Manufacturer's published instructions

Other (specify): City of Portland Fire Alarm Rules

System deviations from referenced NFPA standards:

Signed: John Kempton

Printed name: John Kempton

Date: 3/22/10

Organization: Protection One

Title: Installation Supv.

Phone: 503-347-5316

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: 2010

NFPA 70, National Electrical Code, Article 760, Edition: 2008

Manufacturer's published instructions

Other (specify): City of Portland Fire Alarm Rules

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

Signed: John Kempton Printed name: John Kempton Date: 3/22/10
Organization: Protection One Title: Installation Supv. Phone: 207-347-5316

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: John Kempton Printed name: John Kempton Date: 3/22/10
Organization: Protection One Title: Installation Supv. Phone: 207-347-5316

16.2 System Service Contractor:

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

Signed: John Kempton Printed name: John Kempton Date: 3/22/10
Organization: Protection One Title: Installation Supv. Phone: 207-347-5316

16.3 Supervising Station:

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

Signed: John Kempton Printed name: John Kempton Date: 3/22/10
Organization: Protection One Title: Installation Supv. Phone: 207-347-5316

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: _____