# Annual Fire Alarm System Test and Inspection Record

NOTE: Refer to Section 7.1 of CAN/ULC-S536:2019-REV1

## Fire Alarm Annual Test and Inspection Report

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Work Order Number | 56546 | | | | | | | | | | | | |
| Inspection Date (YYYY-MM-DD) | 2024-10-07 | | | | | | | | | | | | |
| Revision Date (YYYY-MM-DD) | 2024-10-11 | | | | | | | | | | | | |
| Building Name | Medicine Hat Mall | | | | | | | | | | | | |
| Address, City, Province,  Postal Code | 3292 Dunmore Rd SE | | | | | | | | | | | | |
| Medicine Hat, Alberta | | | | | | | | | | | | |
| T1B 2R4 | | | | | | | | | | | | |
| *Building* Owner/ Representative | Christina Seguin EMAIL : Seguin@primarisreit.com | | | | | | | | | | | | |
| System Manufacturer | Edwards | | | | | | | | | | | | |
| Model Number | EST 3X | | | | | | | | | | | | |
| Systems Provides |  | | Single Stage Operation | |  | Two Stage Operation | | | | |  | Other (Describe Special Operation) | |
| Description of Special Operation (if applicable) |  | | | | | | | | | | | | |
| The fire alarm system is connected to a fire signal receiving centre. | | | | | | |  | Yes |  | No | Name (if applicable) | | Quickway Electric & Security |
| This Report comprises of | |  | | pages | | | | | | | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| The entire *fire alarm system* has been inspected and tested in accordance with CAN/ULC-S536:2019, Inspection and Testing of Fire Alarm Systems. | Yes |  | No |  |
| The *fire alarm system* is fully functional | Yes |  | No |  |
| During the Annual Inspection and Test were any Deficiencies Identified? See Page 2, if applicable. | Yes |  | No |  |
| As of the following date (YYYY-MM-DD) all Deficiencies have been corrected: |  | | | |
| During the Annual Inspection and Test were any *Recommendations* Identified? See Page 3, if applicable. | Yes |  | No |  |

The following person is responsible for ensuring that the information contained in this Test and Inspection Report is correct and complete:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Troy Willerton |  | Quick Way Electrical (1999) Ltd. |  | (403) 526-0688 |
| Printed Name of Person Responsible |  | Company Conducting Test |  | Company Telephone |
|  |  | 6849 | | |
| Signature (This certifies that the information contained in this Fire Alarm System Annual Test and Inspection Report is correct and complete) |  | Certificate/ID Number of Person Responsible | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Was there a secondary person who conducted the Test and Inspection? | Yes |  | No |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Buddy Laverdiere |  | Quick Way Electrical (1999) Ltd. | | |  | (403) 526-0688 |
| Printed Name of Secondary Person |  | Company | | |  | Company Telephone |
|  | | |  | 6340 | | |
| Signature of Secondary Person (This certifies that the information contained in this Fire Alarm System Annual Test and Inspection Report is correct and complete) | | |  | Certificate/ID Number of Secondary Person | | |

### The inspection and testing records required by this standard and this section, shall follow a tabular format as shown. The “Notes” provided in this section are optional in the report. Tests or inspections may not be reworded or revised in order or format. Companies may recreate these required reports for their use, which may contain additions such as a corporate logo as an example.

## Deficiencies

### For the purposes of this Standard, *deficiency* refers to a device or function that:

1. Does not operate as intended;
2. Due to alteration in the *building* layout or contents, is installed in a location which is not readily accessible for service, testing, maintenance purposes due to safety considerations, and was not tested in the last 24 months;
3. Is installed in an environment which is not *compatible* with the documented operating conditions of the specific device; or
4. Is installed in an orientation or location not specifically indicated by the Installation Instructions of the specific device.

NOTE: System and device installation locations may differ from those described in CAN/ULC-S524 if a performance based *design* and alternate solution documents were submitted and approved by the authority having jurisdiction for the system under test.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| The Inspection and Testing of any corrections/repairs of deficiencies noted on this form has been completed by qualified personnel in the column marked “Technician Name & Certificate No.” | | | | | | | | |
| Item # | Device Type (See 23.1 Field Device Testing – Legend and Notes) | Device Location | Deficiency | CAN/ULC-S536 Standard Reference Clause | Date Corrected (YYYY-MM-DD) | Work Order or Reference No. | Company Which Corrected the Deficiency | Technician Name & Certificate No. |
| N/A |  | N/A | N/A |  | N/A | N/A | N/A | N/A |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

I understand that all Deficiencies in the table above have been corrected:

|  |  |  |
| --- | --- | --- |
| *Building* Owner / Owner’s Representative Name: | |  |
| *Building* Owner / Owner’s Representative Signature: | |  |
| Date of Signature (YYYY-MM-DD): |  | |

NOTE: Only the above table needs to be updated on the correction of deficiencies. The entire report does not have to be reissued.

## Recommendations

### For the purposes of this standard, *Recommendation* is a proposal or suggestion as to the best course of action for improvement of system components or system operation / installation, including safety considerations, such as:

1. Identifying antiquated or obsolete equipment;
2. Availability of newer cost effective technology; or
3. Alternate methods of detection.

Recommendations

|  |
| --- |
| The only recommendation at this time is to get a tech in to print a copy of a complete device list for the FA Program to cross reference with the current Inspection report. |

## Technician Attendance Log

NOTE: See Section 7.4 of CAN/ULC-S536:REV1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Date**  **(YYYY-MM-DD)** | **Time In/Time Out** | **Notes (for the day)** | **Primary Technician**  **Printed Name** | **Primary Technician**  **Certification No.** |
| 2024-10-07 | 0700 / 1700 | Testing Devices | Troy Willerton | 6849 |
| 2024-10--08 | 0800 / 1700 | Testing Devices | Troy Willerton | 6849 |
| 2024-10-09 | 0800 / 1730 | Testing Devices | Troy Willerton | 6849 |
| 2024-10-10 | 0800 / 2230 | Testing Devices | Troy Willerton | 6849 |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

# Documentation

NOTE: Refer to Section 7 of CAN/ULC-S536:2019-REV1

## Documentation for the *fire alarm system* is available or accessible on site and includes the following description of the *fire alarm system*:

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A | Instructions for resetting the system and silencing *alarm signals.* | Yes | | |  | | | No |  | | | | |
| B | Instructions for silencing the *trouble signal* and action to be taken when the *trouble signal* sounds. | Yes | | |  | | | No |  | | | | |
| C | Description of the function of each operating control and indicator on the fire alarm unit. | Yes | | |  | | | No |  | | | | |
| D | Description of the area of fire zone protected by each alarm detection circuit (this may be in the form of a list or plan drawing). | Yes | | |  | | | No |  | | | | |
| E | Description of alarm *signal operation*. | Yes | | |  | | | No |  | | | | |
| F | Description of ancillary equipment controlled by the *fire alarm system*. | Yes | | |  | | | No |  | | | | |
| G | In systems that provide logical control of a *smoke control system*, documentation is on site and includes a sequence of operation of the *smoke control system*. | Yes |  | | | No | |  | | N/A | | |  |
| H | *Building* diagrams are on site that clearly indicate the type and location of all smoke control equipment (fans, dampers, etc.). | Yes |  | | | No | |  | | N/A | | |  |
| I | Description of the *fire alarm system*:   1. Sequence of operation (See Annex D). | Yes | | |  | | | No |  | | | | |
|  | 1. Operating Instructions (See Annex D). | Yes | | |  | | | No |  | | | | |
|  | 1. Description of each type of *field device*. | Yes | | |  | | | No |  | | | | |
|  | 1. Details of input to programmed output functions for programmed systems. | Yes | | |  | | | No |  | | | | |
|  | 1. Connection to a fire *signal receiving centre*, if required by applicable codes and regulations. | Yes | | |  | | | No |  | | | | |
|  | 1. Previous verification report(s) and all documentation related to any modification showing approval of such modifications by the AHJ, if applicable. | Yes | |  | | | No |  | | | N/A |  | |
|  | 1. The as-built drawings of the building fire alarm system (See Annex D). | Yes | | |  | | | No |  | | | | |
|  | 1. Copy of the site specific *software* (if applicable). | Yes | |  | | | No |  | | | N/A |  | |
| J | Indicate the location(s) and media type(s) of documentation: | | | | | | | | | | | | |
|  | | | | | | | | | | | | |

# Control Unit or Transponder Test Record

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Yes |  | No |  | Did not operate correctly | N/A |  | Not Applicable |
| Operated Correctly | | (Refer to Deficiencies, 20.2) | | | Function or feature not provided on this fire alarm system | | |

# Control Unit or Transponder Test Record (2)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Yes |  | No |  | Did not operate correctly | N/A |  | Not Applicable |
| Operated Correctly | | (Refer to Deficiencies, 20.2) | | | Function or feature not provided on this fire alarm system | | |

## Control Unit or Transponder Inspection

NOTE 1: See 8.2

NOTE 2: Complete section for each *control unit* or *transponder.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Control unit* or *transponder* location: | | Electrical Room 5 | | | | | | | | |
| *Control unit* or *transponder* identification: | | | Main FACP | | | | | | | |
| A | *Input circuit* designations correctly identified in relation to connected *field devices*. | | | Yes |  | | No |  | N/A |  |
| B | *Output* circuit designations correctly identified in relation to *field devices.* | | | Yes |  | | No |  | N/A |  |
| C | Correct designations for common control functions and indicators. | | | Yes |  | | No |  | N/A |  |
| D | Plug-In components and modules securely in place. | | | Yes |  | | No |  | N/A |  |
| E | Plug-In cables securely in place. | | | Yes |  | | No |  | N/A |  |
| F | 1. Record the date, revision, and version of *firmware*. | | | Date: | | 2024-05-24 | | | | |
| Rev: | 1.01.00 | | | Ver: | 5.45 | |
| 1. Record the date, revision, and version of *software*. | | | Date: | |  | | | | |
| Rev: |  | | | Ver: |  | |
| G | Clean and free of dust and dirt. | | | Yes |  | | No |  | N/A |  |
| H | Fuses in accordance with manufacturer’s *specification*. | | | Yes |  | | No |  | N/A |  |
| I | *Control unit* or *transponder* lock functional. | | | Yes |  | | No |  | N/A |  |
| J | Termination points from wiring to *field devices* secure. | | | Yes |  | | No |  | N/A |  |

## Control Unit or Transponder Inspection (2)

NOTE 1: See 8.2

NOTE 2: Complete section for each *control unit* or *transponder.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Control unit* or *transponder* location: | | Electrical Room #104 (Hallway 1B) | | | | | | | | |
| *Control unit* or *transponder* identification: | | | Transponder Panel 4 | | | | | | | |
| A | *Input circuit* designations correctly identified in relation to connected *field devices*. | | | Yes |  | | No |  | N/A |  |
| B | *Output* circuit designations correctly identified in relation to *field devices.* | | | Yes |  | | No |  | N/A |  |
| C | Correct designations for common control functions and indicators. | | | Yes |  | | No |  | N/A |  |
| D | Plug-In components and modules securely in place. | | | Yes |  | | No |  | N/A |  |
| E | Plug-In cables securely in place. | | | Yes |  | | No |  | N/A |  |
| F | 1. Record the date, revision, and version of *firmware*. | | | Date: | |  | | | | |
| Rev: |  | | | Ver: |  | |
| 1. Record the date, revision, and version of *software*. | | | Date: | |  | | | | |
| Rev: |  | | | Ver: |  | |
| G | Clean and free of dust and dirt. | | | Yes |  | | No |  | N/A |  |
| H | Fuses in accordance with manufacturer’s *specification*. | | | Yes |  | | No |  | N/A |  |
| I | *Control unit* or *transponder* lock functional. | | | Yes |  | | No |  | N/A |  |
| J | Termination points from wiring to *field devices* secure. | | | Yes |  | | No |  | N/A |  |

## Control Unit or Transponder Inspection (3)

NOTE 1: See 8.2

NOTE 2: Complete section for each *control unit* or *transponder.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Control unit* or *transponder* location: | | Electrical Room #7 (Above Maintenance Shop) | | | | | | | | |
| *Control unit* or *transponder* identification: | | | Transponder Panel #12 | | | | | | | |
| A | *Input circuit* designations correctly identified in relation to connected *field devices*. | | | Yes |  | | No |  | N/A |  |
| B | *Output* circuit designations correctly identified in relation to *field devices.* | | | Yes |  | | No |  | N/A |  |
| C | Correct designations for common control functions and indicators. | | | Yes |  | | No |  | N/A |  |
| D | Plug-In components and modules securely in place. | | | Yes |  | | No |  | N/A |  |
| E | Plug-In cables securely in place. | | | Yes |  | | No |  | N/A |  |
| F | 1. Record the date, revision, and version of *firmware*. | | | Date: | |  | | | | |
| Rev: |  | | | Ver: |  | |
| 1. Record the date, revision, and version of *software*. | | | Date: | |  | | | | |
| Rev: |  | | | Ver: |  | |
| G | Clean and free of dust and dirt. | | | Yes |  | | No |  | N/A |  |
| H | Fuses in accordance with manufacturer’s *specification*. | | | Yes |  | | No |  | N/A |  |
| I | *Control unit* or *transponder* lock functional. | | | Yes |  | | No |  | N/A |  |
| J | Termination points from wiring to *field devices* secure. | | | Yes |  | | No |  | N/A |  |

## Control Unit or Transponder Inspection (4)

NOTE 1: See 8.2

NOTE 2: Complete section for each *control unit* or *transponder.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Control unit* or *transponder* location: | | Freshco Electrical Room | | | | | | | | |
| *Control unit* or *transponder* identification: | | | Panel 10 | | | | | | | |
| A | *Input circuit* designations correctly identified in relation to connected *field devices*. | | | Yes |  | | No |  | N/A |  |
| B | *Output* circuit designations correctly identified in relation to *field devices.* | | | Yes |  | | No |  | N/A |  |
| C | Correct designations for common control functions and indicators. | | | Yes |  | | No |  | N/A |  |
| D | Plug-In components and modules securely in place. | | | Yes |  | | No |  | N/A |  |
| E | Plug-In cables securely in place. | | | Yes |  | | No |  | N/A |  |
| F | 1. Record the date, revision, and version of *firmware*. | | | Date: | | July 4, 2023 | | | | |
| Rev: | 1.01.00 | | | Ver: | 4.45 | |
| 1. Record the date, revision, and version of *software*. | | | Date: | |  | | | | |
| Rev: |  | | | Ver: |  | |
| G | Clean and free of dust and dirt. | | | Yes |  | | No |  | N/A |  |
| H | Fuses in accordance with manufacturer’s *specification*. | | | Yes |  | | No |  | N/A |  |
| I | *Control unit* or *transponder* lock functional. | | | Yes |  | | No |  | N/A |  |
| J | Termination points from wiring to *field devices* secure. | | | Yes |  | | No |  | N/A |  |

## Control Unit or Transponder Test

See 8.3

Complete section for each *control unit* or *transponder*.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Control unit* or *transponder* location: | | | Electrical Room #5 (Hallway 10A) | | | | | | | |
| *Control unit* or *transponder* identification: | | | | Main FACP | | | | | | |
| A | Power ‘ON’ visual indicator operates. | | | | Yes |  | No |  |  |  |
| B | Time and date indication corresponds with local time and date. | | | | Yes |  | No |  | N/A |  |
| C | Common visual *trouble signal* operates. | | | | Yes |  | No |  |  |  |
| D | Common audible *trouble signal* operates. | | | | Yes |  | No |  |  |  |
| E | *Trouble signal* silence switch operates. | | | | Yes |  | No |  |  |  |
| F | *Main power supply* failure *trouble signal* operates. | | | | Yes |  | No |  | N/A |  |
| G | *Trouble signal* operates during positive and negative *ground fault* tests. | | | | Yes |  | No |  | N/A |  |
| H | *Alert signal* operates. | | | | Yes |  | No |  | N/A |  |
| I | *Alarm signal* operates. | | | | Yes |  | No |  | N/A |  |
| J | Automatic transfer from *alert signal* to *alarm signal* operates. | | | | Yes |  | No |  | N/A |  |
| Time: |  | | | Yes |  | No |  | N/A |  |
| K | Manual transfer from *alert signal* to *alarm signal* operates | | | | Yes |  | No |  | N/A |  |
| L | Automatic transfer from *alert signal* to *alarm signal* cancel (acknowledge) feature operates on a two-stage system. | | | | Yes |  | No |  | N/A |  |
| M | *Alarm signal* silence inhibit function operates. | | | | Yes |  | No |  | N/A |  |
| N | *Alarm signal* manual silence operates. | | | | Yes |  | No |  | N/A |  |
| O | *Alarm signal* silence visual indication operates | | | | Yes |  | No |  | N/A |  |
| P | *Alarm signals* when silenced, automatically reinitiate only upon *subsequent* alarm from another NBC required fire alarm zone. | | | | Yes |  | No |  | N/A |  |
| Q | Duration of *alarm signal* prior to automatic silence. | | | | Time: |  | No |  | N/A |  |
| R | Audible and visual *alert signals* and *alarm signals* programmed and operate per design and *specification*; or documentation as provided in Section 21. | | | | Time: |  | | | N/A |  |
| S | *Input circuit,* alarm and supervisory operation, including audible and visual indication operates. | | | | Yes |  | No |  |  |  |
| T | *Input circuit* supervision fault causes a trouble indication. | | | | Yes |  | No |  | N/A |  |
| U | *Output circuit* alarm indicators operate. | | | | Yes |  | No |  | N/A |  |
| V | *Output circuit* supervision fault causes a trouble indication. | | | | Yes |  | No |  | N/A |  |
| W | Visual Indicator test (lamp test) operates. | | | | Yes |  | No |  | N/A |  |
| X | Coded signal sequences operate not less than the required number of times and the correct *alarm signal* operates thereafter. | | | | Yes |  | No |  | N/A |  |
| Y | Coded signal sequences are not interrupted by *subsequent alarms.* | | | | Yes |  | No |  | N/A |  |
| Z | Ancillary device by-pass results in a *trouble signal*. | | | | Yes |  | No |  | N/A |  |
| AA | *Input circuit* to *output circuit* operation, including ancillary device *circuits,* for correct program operation, as per *design* and *specification*, or documentation as detailed in Annex D (Description of Fire Alarm System for Inspection and Test Procedures). | | | | Yes |  | No |  | N/A |  |
| BB | System Reset operates. | | | | Yes |  | No |  |  |  |
| CC | *Main power supply* to *emergency power supply* transfer operates. | | | | Yes |  | No |  | N/A |  |
| DD | *Smoke detector* alarm verification (status change confirmation) verified. [Refer to 14.4.3: Smoke Detector Alarm Verification (Status Change Confirmation)]. | | | | Yes |  | No |  | N/A |  |

## Control Unit or Transponder Test (2)

See 8.3

Complete section for each *control unit* or *transponder*.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Control unit* or *transponder* location: | | | Electrical Room #104 (Hallway 1B) | | | | | | | |
| *Control unit* or *transponder* identification: | | | | Transponder Panel #4 | | | | | | |
| A | Power ‘ON’ visual indicator operates. | | | | Yes |  | No |  |  |  |
| B | Time and date indication corresponds with local time and date. | | | | Yes |  | No |  | N/A |  |
| C | Common visual *trouble signal* operates. | | | | Yes |  | No |  |  |  |
| D | Common audible *trouble signal* operates. | | | | Yes |  | No |  |  |  |
| E | *Trouble signal* silence switch operates. | | | | Yes |  | No |  |  |  |
| F | *Main power supply* failure *trouble signal* operates. | | | | Yes |  | No |  | N/A |  |
| G | *Trouble signal* operates during positive and negative *ground fault* tests. | | | | Yes |  | No |  | N/A |  |
| H | *Alert signal* operates. | | | | Yes |  | No |  | N/A |  |
| I | *Alarm signal* operates. | | | | Yes |  | No |  | N/A |  |
| J | Automatic transfer from *alert signal* to *alarm signal* operates. | | | | Yes |  | No |  | N/A |  |
| Time: |  | | | Yes |  | No |  | N/A |  |
| K | Manual transfer from *alert signal* to *alarm signal* operates | | | | Yes |  | No |  | N/A |  |
| L | Automatic transfer from *alert signal* to *alarm signal* cancel (acknowledge) feature operates on a two-stage system. | | | | Yes |  | No |  | N/A |  |
| M | *Alarm signal* silence inhibit function operates. | | | | Yes |  | No |  | N/A |  |
| N | *Alarm signal* manual silence operates. | | | | Yes |  | No |  | N/A |  |
| O | *Alarm signal* silence visual indication operates | | | | Yes |  | No |  | N/A |  |
| P | *Alarm signals* when silenced, automatically reinitiate only upon *subsequent* alarm from another NBC required fire alarm zone. | | | | Yes |  | No |  | N/A |  |
| Q | Duration of *alarm signal* prior to automatic silence. | | | | Time: |  | No |  | N/A |  |
| R | Audible and visual *alert signals* and *alarm signals* programmed and operate per design and *specification*; or documentation as provided in Section 21. | | | | Time: |  | | | N/A |  |
| S | *Input circuit,* alarm and supervisory operation, including audible and visual indication operates. | | | | Yes |  | No |  |  |  |
| T | *Input circuit* supervision fault causes a trouble indication. | | | | Yes |  | No |  | N/A |  |
| U | *Output circuit* alarm indicators operate. | | | | Yes |  | No |  | N/A |  |
| V | *Output circuit* supervision fault causes a trouble indication. | | | | Yes |  | No |  | N/A |  |
| W | Visual Indicator test (lamp test) operates. | | | | Yes |  | No |  | N/A |  |
| X | Coded signal sequences operate not less than the required number of times and the correct *alarm signal* operates thereafter. | | | | Yes |  | No |  | N/A |  |
| Y | Coded signal sequences are not interrupted by *subsequent alarms.* | | | | Yes |  | No |  | N/A |  |
| Z | Ancillary device by-pass results in a *trouble signal*. | | | | Yes |  | No |  | N/A |  |
| AA | *Input circuit* to *output circuit* operation, including ancillary device *circuits,* for correct program operation, as per *design* and *specification*, or documentation as detailed in Annex D (Description of Fire Alarm System for Inspection and Test Procedures). | | | | Yes |  | No |  | N/A |  |
| BB | System Reset operates. | | | | Yes |  | No |  |  |  |
| CC | *Main power supply* to *emergency power supply* transfer operates. | | | | Yes |  | No |  | N/A |  |
| DD | *Smoke detector* alarm verification (status change confirmation) verified. [Refer to 14.4.3: Smoke Detector Alarm Verification (Status Change Confirmation)]. | | | | Yes |  | No |  | N/A |  |

## Control Unit or Transponder Test (3)

See 8.3

Complete section for each *control unit* or *transponder*.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Control unit* or *transponder* location: | | | Electrical Roonm #7 (Above Maintenance Shop) | | | | | | | |
| *Control unit* or *transponder* identification: | | | | Transponder Panel #12 | | | | | | |
| A | Power ‘ON’ visual indicator operates. | | | | Yes |  | No |  |  |  |
| B | Time and date indication corresponds with local time and date. | | | | Yes |  | No |  | N/A |  |
| C | Common visual *trouble signal* operates. | | | | Yes |  | No |  |  |  |
| D | Common audible *trouble signal* operates. | | | | Yes |  | No |  |  |  |
| E | *Trouble signal* silence switch operates. | | | | Yes |  | No |  |  |  |
| F | *Main power supply* failure *trouble signal* operates. | | | | Yes |  | No |  | N/A |  |
| G | *Trouble signal* operates during positive and negative *ground fault* tests. | | | | Yes |  | No |  | N/A |  |
| H | *Alert signal* operates. | | | | Yes |  | No |  | N/A |  |
| I | *Alarm signal* operates. | | | | Yes |  | No |  | N/A |  |
| J | Automatic transfer from *alert signal* to *alarm signal* operates. | | | | Yes |  | No |  | N/A |  |
| Time: |  | | | Yes |  | No |  | N/A |  |
| K | Manual transfer from *alert signal* to *alarm signal* operates | | | | Yes |  | No |  | N/A |  |
| L | Automatic transfer from *alert signal* to *alarm signal* cancel (acknowledge) feature operates on a two-stage system. | | | | Yes |  | No |  | N/A |  |
| M | *Alarm signal* silence inhibit function operates. | | | | Yes |  | No |  | N/A |  |
| N | *Alarm signal* manual silence operates. | | | | Yes |  | No |  | N/A |  |
| O | *Alarm signal* silence visual indication operates | | | | Yes |  | No |  | N/A |  |
| P | *Alarm signals* when silenced, automatically reinitiate only upon *subsequent* alarm from another NBC required fire alarm zone. | | | | Yes |  | No |  | N/A |  |
| Q | Duration of *alarm signal* prior to automatic silence. | | | | Time: |  | No |  | N/A |  |
| R | Audible and visual *alert signals* and *alarm signals* programmed and operate per design and *specification*; or documentation as provided in Section 21. | | | | Time: |  | | | N/A |  |
| S | *Input circuit,* alarm and supervisory operation, including audible and visual indication operates. | | | | Yes |  | No |  |  |  |
| T | *Input circuit* supervision fault causes a trouble indication. | | | | Yes |  | No |  | N/A |  |
| U | *Output circuit* alarm indicators operate. | | | | Yes |  | No |  | N/A |  |
| V | *Output circuit* supervision fault causes a trouble indication. | | | | Yes |  | No |  | N/A |  |
| W | Visual Indicator test (lamp test) operates. | | | | Yes |  | No |  | N/A |  |
| X | Coded signal sequences operate not less than the required number of times and the correct *alarm signal* operates thereafter. | | | | Yes |  | No |  | N/A |  |
| Y | Coded signal sequences are not interrupted by *subsequent alarms.* | | | | Yes |  | No |  | N/A |  |
| Z | Ancillary device by-pass results in a *trouble signal*. | | | | Yes |  | No |  | N/A |  |
| AA | *Input circuit* to *output circuit* operation, including ancillary device *circuits,* for correct program operation, as per *design* and *specification*, or documentation as detailed in Annex D (Description of Fire Alarm System for Inspection and Test Procedures). | | | | Yes |  | No |  | N/A |  |
| BB | System Reset operates. | | | | Yes |  | No |  |  |  |
| CC | *Main power supply* to *emergency power supply* transfer operates. | | | | Yes |  | No |  | N/A |  |
| DD | *Smoke detector* alarm verification (status change confirmation) verified. [Refer to 14.4.3: Smoke Detector Alarm Verification (Status Change Confirmation)]. | | | | Yes |  | No |  | N/A |  |

## Control Unit or Transponder Test (4)

See 8.3

Complete section for each *control unit* or *transponder*.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Control unit* or *transponder* location: | | | Freshco Electrical Room | | | | | | | |
| *Control unit* or *transponder* identification: | | | |  | | | | | | |
| A | Power ‘ON’ visual indicator operates. | | | | Yes |  | No |  |  |  |
| B | Time and date indication corresponds with local time and date. | | | | Yes |  | No |  | N/A |  |
| C | Common visual *trouble signal* operates. | | | | Yes |  | No |  |  |  |
| D | Common audible *trouble signal* operates. | | | | Yes |  | No |  |  |  |
| E | *Trouble signal* silence switch operates. | | | | Yes |  | No |  |  |  |
| F | *Main power supply* failure *trouble signal* operates. | | | | Yes |  | No |  | N/A |  |
| G | *Trouble signal* operates during positive and negative *ground fault* tests. | | | | Yes |  | No |  | N/A |  |
| H | *Alert signal* operates. | | | | Yes |  | No |  | N/A |  |
| I | *Alarm signal* operates. | | | | Yes |  | No |  | N/A |  |
| J | Automatic transfer from *alert signal* to *alarm signal* operates. | | | | Yes |  | No |  | N/A |  |
| Time: |  | | | Yes |  | No |  | N/A |  |
| K | Manual transfer from *alert signal* to *alarm signal* operates | | | | Yes |  | No |  | N/A |  |
| L | Automatic transfer from *alert signal* to *alarm signal* cancel (acknowledge) feature operates on a two-stage system. | | | | Yes |  | No |  | N/A |  |
| M | *Alarm signal* silence inhibit function operates. | | | | Yes |  | No |  | N/A |  |
| N | *Alarm signal* manual silence operates. | | | | Yes |  | No |  | N/A |  |
| O | *Alarm signal* silence visual indication operates | | | | Yes |  | No |  | N/A |  |
| P | *Alarm signals* when silenced, automatically reinitiate only upon *subsequent* alarm from another NBC required fire alarm zone. | | | | Yes |  | No |  | N/A |  |
| Q | Duration of *alarm signal* prior to automatic silence. | | | | Time: |  | No |  | N/A |  |
| R | Audible and visual *alert signals* and *alarm signals* programmed and operate per design and *specification*; or documentation as provided in Section 21. | | | | Time: |  | | | N/A |  |
| S | *Input circuit,* alarm and supervisory operation, including audible and visual indication operates. | | | | Yes |  | No |  |  |  |
| T | *Input circuit* supervision fault causes a trouble indication. | | | | Yes |  | No |  | N/A |  |
| U | *Output circuit* alarm indicators operate. | | | | Yes |  | No |  | N/A |  |
| V | *Output circuit* supervision fault causes a trouble indication. | | | | Yes |  | No |  | N/A |  |
| W | Visual Indicator test (lamp test) operates. | | | | Yes |  | No |  | N/A |  |
| X | Coded signal sequences operate not less than the required number of times and the correct *alarm signal* operates thereafter. | | | | Yes |  | No |  | N/A |  |
| Y | Coded signal sequences are not interrupted by *subsequent alarms.* | | | | Yes |  | No |  | N/A |  |
| Z | Ancillary device by-pass results in a *trouble signal*. | | | | Yes |  | No |  | N/A |  |
| AA | *Input circuit* to *output circuit* operation, including ancillary device *circuits,* for correct program operation, as per *design* and *specification*, or documentation as detailed in Annex D (Description of Fire Alarm System for Inspection and Test Procedures). | | | | Yes |  | No |  | N/A |  |
| BB | System Reset operates. | | | | Yes |  | No |  |  |  |
| CC | *Main power supply* to *emergency power supply* transfer operates. | | | | Yes |  | No |  | N/A |  |
| DD | *Smoke detector* alarm verification (status change confirmation) verified. [Refer to 14.4.3: Smoke Detector Alarm Verification (Status Change Confirmation)]. | | | | Yes |  | No |  | N/A |  |

## Voice Communication Test

NOTE: See Subsection 8.5

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| There are no *Voice Communication* Capabilities on this system. | |  |  | | | | | | |
| A | Power ‘ON’ indicator operates. | | | Yes |  | No |  | N/A |  |
| B | Common visual *trouble signal* operates. | | | Yes |  | No |  | N/A |  |
| C | Common audible *trouble signal* operates. | | | Yes |  | No |  | N/A |  |
| D | *Trouble signal* silence switch operates. | | | Yes |  | No |  | N/A |  |
| E | All-call *voice paging*, including visual indicator, operates. | | | Yes |  | No |  | N/A |  |
| F | *Output circuits* for selective *voice paging* including visual indication, operates | | | Yes |  | No |  | N/A |  |
| G | *Output circuits* for selective *voice paging* trouble operation, including visual indication, operates | | | Yes |  | No |  | N/A |  |
| H | Microphone, including press to talk switch, operates. | | | Yes |  | No |  | N/A |  |
| I | Operation of *voice paging* does not interfere with initial inhibit time of *alert signal* or *alarm signal*. | | | Yes |  | No |  | N/A |  |
| J | All-call *voice paging* operates (on *emergency power supply*). | | | Yes |  | No |  | N/A |  |
| K | Where systems use back-up amplifiers, the automatic transfer feature operates. | | | Yes |  | No |  | N/A |  |
| L | *Circuits* for *emergency telephone* call-in operation, including audible and visual indication, operates. | | | Yes |  | No |  | N/A |  |
| M | *Circuits for emergency telephones* for operation, two-way *voice communication*, operates. | | | Yes |  | No |  | N/A |  |
| N | *Circuits* for *emergency telephone* trouble operation, including visual operation, operates. | | | Yes |  | No |  | N/A |  |
| O | *Emergency telephone* verbal communication operates. | | | Yes |  | No |  | N/A |  |
| P | *Emergency telephone* operable or in-use tone at handset operates. | | | Yes |  | No |  | N/A |  |
| Q | In standby mode, a short, or open on a paging, alert, alarm, or *emergency telephone voice communication buss* results in a *buss* specific trouble condition. | | | Yes |  | No |  | N/A |  |

## Power Supply Inspection

NOTE: See Section 9, Power Supplies

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Control unit* or *transponder* location: | | Electrical Room #5 | | | | | | | | | |
| *Control unit* or *transponder* identification: | | | Main FACP | | | | | | | | |
| *Circuit* disconnect means or breaker location: | | | | Electrical Room #5 (Disconnect Adjacent to FACP) | | | | | | | |
| *Circuit* disconnect means or breaker identification: | | | | | 30 Amp Disconnect | | | | | | |
| A | Fused in accordance with the manufacturer’s marked rating of the system. | | | | | Yes |  | No |  | N/A |  |
| B | The primary supply is equipped with the identified disconnect means. | | | | | Yes |  | No |  | N/A |  |
| C | Adequate to meet the requirements of the system. | | | | | Yes |  | No |  | N/A |  |
| D | A short on the isolated side of each power isolation module results in a trouble condition. | | | | | Yes |  | No |  | N/A |  |
| E | Operation of a device on the source side of each shorted power isolation module is confirmed. | | | | | Yes |  | No |  | N/A |  |
| F | Power for ancillary devices is taken from a source separate from the *fire alarm system control unit* or *transponder* power supply. | | | | | Yes |  | No |  | N/A |  |
| G | Power for ancillary devices is taken from the *control unit* or *transponder* that is designed to provide such power. | | | | | Yes |  | No |  | N/A |  |
| H | Ancillary devices, which are powered from *control unit* or *transponder*, are recorded. | | | | | Yes |  | No |  | N/A |  |

## Power Supply Inspection (2)

NOTE: See Section 9, Power Supplies

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Control unit* or *transponder* location: | | Electrical Room #104 (Hallway 1B) | | | | | | | | | |
| *Control unit* or *transponder* identification: | | | Transponder Panel #4 | | | | | | | | |
| *Circuit* disconnect means or breaker location: | | | | Electrical Room #104 (Hallway 1B) | | | | | | | |
| *Circuit* disconnect means or breaker identification: | | | | | Panel HP2A CCT 50 | | | | | | |
| A | Fused in accordance with the manufacturer’s marked rating of the system. | | | | | Yes |  | No |  | N/A |  |
| B | The primary supply is equipped with the identified disconnect means. | | | | | Yes |  | No |  | N/A |  |
| C | Adequate to meet the requirements of the system. | | | | | Yes |  | No |  | N/A |  |
| D | A short on the isolated side of each power isolation module results in a trouble condition. | | | | | Yes |  | No |  | N/A |  |
| E | Operation of a device on the source side of each shorted power isolation module is confirmed. | | | | | Yes |  | No |  | N/A |  |
| F | Power for ancillary devices is taken from a source separate from the *fire alarm system control unit* or *transponder* power supply. | | | | | Yes |  | No |  | N/A |  |
| G | Power for ancillary devices is taken from the *control unit* or *transponder* that is designed to provide such power. | | | | | Yes |  | No |  | N/A |  |
| H | Ancillary devices, which are powered from *control unit* or *transponder*, are recorded. | | | | | Yes |  | No |  | N/A |  |

## Power Supply Inspection (3)

NOTE: See Section 9, Power Supplies

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Control unit* or *transponder* location: | | Electrical Room #104 (Hallway 1B) | | | | | | | | | |
| *Control unit* or *transponder* identification: | | | Transponder Panel #12 | | | | | | | | |
| *Circuit* disconnect means or breaker location: | | | | Electrical Room #104 (Hallway 1B) | | | | | | | |
| *Circuit* disconnect means or breaker identification: | | | | | Panel H2A CCT 01 | | | | | | |
| A | Fused in accordance with the manufacturer’s marked rating of the system. | | | | | Yes |  | No |  | N/A |  |
| B | The primary supply is equipped with the identified disconnect means. | | | | | Yes |  | No |  | N/A |  |
| C | Adequate to meet the requirements of the system. | | | | | Yes |  | No |  | N/A |  |
| D | A short on the isolated side of each power isolation module results in a trouble condition. | | | | | Yes |  | No |  | N/A |  |
| E | Operation of a device on the source side of each shorted power isolation module is confirmed. | | | | | Yes |  | No |  | N/A |  |
| F | Power for ancillary devices is taken from a source separate from the *fire alarm system control unit* or *transponder* power supply. | | | | | Yes |  | No |  | N/A |  |
| G | Power for ancillary devices is taken from the *control unit* or *transponder* that is designed to provide such power. | | | | | Yes |  | No |  | N/A |  |
| H | Ancillary devices, which are powered from *control unit* or *transponder*, are recorded. | | | | | Yes |  | No |  | N/A |  |

## Power Supply Inspection (4)

NOTE: See Section 9, Power Supplies

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Control unit* or *transponder* location: | | Freshco Electrical Room | | | | | | | | | |
| *Control unit* or *transponder* identification: | | | Panel 10 | | | | | | | | |
| *Circuit* disconnect means or breaker location: | | | | Freshco Electrical Room | | | | | | | |
| *Circuit* disconnect means or breaker identification: | | | | | Panel D CCT 4 | | | | | | |
| A | Fused in accordance with the manufacturer’s marked rating of the system. | | | | | Yes |  | No |  | N/A |  |
| B | The primary supply is equipped with the identified disconnect means. | | | | | Yes |  | No |  | N/A |  |
| C | Adequate to meet the requirements of the system. | | | | | Yes |  | No |  | N/A |  |
| D | A short on the isolated side of each power isolation module results in a trouble condition. | | | | | Yes |  | No |  | N/A |  |
| E | Operation of a device on the source side of each shorted power isolation module is confirmed. | | | | | Yes |  | No |  | N/A |  |
| F | Power for ancillary devices is taken from a source separate from the *fire alarm system control unit* or *transponder* power supply. | | | | | Yes |  | No |  | N/A |  |
| G | Power for ancillary devices is taken from the *control unit* or *transponder* that is designed to provide such power. | | | | | Yes |  | No |  | N/A |  |
| H | Ancillary devices, which are powered from *control unit* or *transponder*, are recorded. | | | | | Yes |  | No |  | N/A |  |

## Power Supply Inspection (5)

NOTE: See Section 9, Power Supplies

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Control unit* or *transponder* location: | |  | | | | | | | | | |
| *Control unit* or *transponder* identification: | | |  | | | | | | | | |
| *Circuit* disconnect means or breaker location: | | | |  | | | | | | | |
| *Circuit* disconnect means or breaker identification: | | | | |  | | | | | | |
| A | Fused in accordance with the manufacturer’s marked rating of the system. | | | | | Yes |  | No |  | N/A |  |
| B | The primary supply is equipped with the identified disconnect means. | | | | | Yes |  | No |  | N/A |  |
| C | Adequate to meet the requirements of the system. | | | | | Yes |  | No |  | N/A |  |
| D | A short on the isolated side of each power isolation module results in a trouble condition. | | | | | Yes |  | No |  | N/A |  |
| E | Operation of a device on the source side of each shorted power isolation module is confirmed. | | | | | Yes |  | No |  | N/A |  |
| F | Power for ancillary devices is taken from a source separate from the *fire alarm system control unit* or *transponder* power supply. | | | | | Yes |  | No |  | N/A |  |
| G | Power for ancillary devices is taken from the *control unit* or *transponder* that is designed to provide such power. | | | | | Yes |  | No |  | N/A |  |
| H | Ancillary devices, which are powered from *control unit* or *transponder*, are recorded. | | | | | Yes |  | No |  | N/A |  |

## Emergency Power Supply Test and Inspection (1)

NOTE 1: See 9.2, 9.3, 9.4, and Annex C, Battery Tests

NOTE 2: Complete section for each *emergency power supply.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Emergency power supply* location: | | | Main FACP | | | | | | | | | | | | | | | | | | |
| *Emergency power supply* identification: | | | | Main FACP Batteries | | | | | | | | | | | | | | | | | |
| *Emergency power supply* provided by: | | | |  | | | | | | | | | | | | | | | | | |
| Batteries |  | Generator | | | |  | | | | UPS | | |  | | | Combination | | |  | | |
| NBC required full load alarm operation time | | | | | 2h | |  | | 1h | | |  | | 30min |  | | | 5 min | | |  |
| Installed batteries | | | | | Qty: | | | 2 | | | V(dc): | | | 12 | | | A∙h: | | | 50 | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| BATTERY TESTS (Reference: 9.2) | | | | | | | | | | | | | |
| A | Correct battery type as recommended by manufacturer | | Yes | |  | | No | |  | | N/A |  | |
| B | Correct battery rating as determined by battery calculations based on full system load. | | Yes | |  | | No | |  | | N/A |  | |
| C | Battery voltage with *main power supply* ‘ON’. | | Voltage: | | | 26.99 | | | | V dc | | | |
| Current: | | | 0.03 | | | | A | | | |
| D | Battery voltage and current with main power supply ‘OFF’ and fire alarm system in supervisory condition. | | Voltage: | | | 26.29 | | | | V dc | | | |
| Current: | | | 1.05 | | | | A | | | |
| E | Battery voltage and current with main power supply ‘OFF’ and fire alarm system in full load alarm condition. | | Voltage: | | | 24.58 | | | | V dc | | | |
| Current: | | | 8.11 | | | | A | | | |
| F | Battery free of physical damage. | | Yes | |  | | No | |  | | N/A |  | |
| G | Battery terminals cleaned and lubricated. | | Yes | |  | | No | |  | | N/A |  | |
| H | Battery terminals clamped tightly. | | Yes | |  | | No | |  | | N/A |  | |
| J | Specific gravity of electrolyte is within manufacturer’s *specifications*. | | Yes | |  | | No | |  | | N/A |  | |
| K | Battery free of electrolyte leakage. | | Yes | |  | | No | |  | | N/A |  | |
| L | Adequately ventilated. | | Yes | |  | | No | |  | | N/A |  | |
| M | Battery manufacturer’s date code: | | Date: | | | | W15Y2023 x 2 | | | | | | |
| N | Disconnection of battery causes *trouble signal* at the fire alarm *control unit*. | | Yes | |  | | No | |  | | N/A |  | |
| O | Indicate the type of battery tests performed | | | | | | | | | | | | |
| 1. Required supervisory load for 24 h followed by the full required load operation; or | | Yes | |  | | No | |  | | N/A |  | |
| 1. Silent accelerated test. (Refer to Annex C1, New Silent Accelerated Test Method); or | | Yes | |  | | No | |  | | N/A |  | |
| 1. Battery manufacturer’s method. Specify: |  | Yes |  | | | No |  | | | N/A |  |
| P | Record calculated battery capacity (Refer to Annex C2). | | 29.255 | | | | | | | | A∙h | |
| Q | Record battery terminal voltage after completion of tests. | | 24.77 | | | | | | | | V dc | |
| EMERGENCY POWER TESTS (Reference: 9.3) | | | | | | | | | | | | | |
| A | Generator provides power to the AC *circuit* serving the *fire alarm* system. | | Yes | |  | | No | |  | | N/A |  | |
| B | Trouble condition at the emergency generator shall result in an audible common *trouble signal* and a visual indication at the required *annunciator*. | | Yes | |  | | No | |  | | N/A |  | |
| C | Generator Run condition at the emergency generator shall result in an audible common *trouble signal* and a visual indication at the required *annunciator*. | | Yes | |  | | No | |  | | N/A |  | |

## Emergency Power Supply Test and Inspection (2)

NOTE 1: See 9.2, 9.3, 9.4, and Annex C, Battery Tests

NOTE 2: Complete section for each *emergency power supply.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Emergency power supply* location: | | | Transponder Panel #4 | | | | | | | | | | | | | | | | | | |
| *Emergency power supply* identification: | | | | Transponder Panel #4 Batteries | | | | | | | | | | | | | | | | | |
| *Emergency power supply* provided by: | | | |  | | | | | | | | | | | | | | | | | |
| Batteries |  | Generator | | | |  | | | | UPS | | |  | | | Combination | | |  | | |
| NBC required full load alarm operation time | | | | | 2h | |  | | 1h | | |  | | 30min |  | | | 5 min | | |  |
| Installed batteries | | | | | Qty: | | | 2 | | | V(dc): | | | 12 | | | A∙h: | | | 35 | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| BATTERY TESTS (Reference: 9.2) | | | | | | | | | | | | | |
| A | Correct battery type as recommended by manufacturer | | Yes | |  | | No | |  | | N/A |  | |
| B | Correct battery rating as determined by battery calculations based on full system load. | | Yes | |  | | No | |  | | N/A |  | |
| C | Battery voltage with *main power supply* ‘ON’. | | Voltage: | | | 26.87 | | | | V dc | | | |
| Current: | | | 0.01 | | | | A | | | |
| D | Battery voltage and current with main power supply ‘OFF’ and fire alarm system in supervisory condition. | | Voltage: | | | 25.72 | | | | V dc | | | |
| Current: | | | 0.68 | | | | A | | | |
| E | Battery voltage and current with main power supply ‘OFF’ and fire alarm system in full load alarm condition. | | Voltage: | | | 25.33 | | | | V dc | | | |
| Current: | | | 0.77 | | | | A | | | |
| F | Battery free of physical damage. | | Yes | |  | | No | |  | | N/A |  | |
| G | Battery terminals cleaned and lubricated. | | Yes | |  | | No | |  | | N/A |  | |
| H | Battery terminals clamped tightly. | | Yes | |  | | No | |  | | N/A |  | |
| J | Specific gravity of electrolyte is within manufacturer’s *specifications*. | | Yes | |  | | No | |  | | N/A |  | |
| K | Battery free of electrolyte leakage. | | Yes | |  | | No | |  | | N/A |  | |
| L | Adequately ventilated. | | Yes | |  | | No | |  | | N/A |  | |
| M | Battery manufacturer’s date code: | | Date: | | | | OD236H / OD184H | | | | | | |
| N | Disconnection of battery causes *trouble signal* at the fire alarm *control unit*. | | Yes | |  | | No | |  | | N/A |  | |
| O | Indicate the type of battery tests performed | | | | | | | | | | | | |
| 1. Required supervisory load for 24 h followed by the full required load operation; or | | Yes | |  | | No | |  | | N/A |  | |
| 1. Silent accelerated test. (Refer to Annex C1, New Silent Accelerated Test Method); or | | Yes | |  | | No | |  | | N/A |  | |
| 1. Battery manufacturer’s method. Specify: |  | Yes |  | | | No |  | | | N/A |  |
| P | Record calculated battery capacity (Refer to Annex C2). | | 16.705 | | | | | | | | A∙h | |
| Q | Record battery terminal voltage after completion of tests. | | 24.93 | | | | | | | | V dc | |
| EMERGENCY POWER TESTS (Reference: 9.3) | | | | | | | | | | | | | |
| A | Generator provides power to the AC *circuit* serving the *fire alarm* system. | | Yes | |  | | No | |  | | N/A |  | |
| B | Trouble condition at the emergency generator shall result in an audible common *trouble signal* and a visual indication at the required *annunciator*. | | Yes | |  | | No | |  | | N/A |  | |
| C | Generator Run condition at the emergency generator shall result in an audible common *trouble signal* and a visual indication at the required *annunciator*. | | Yes | |  | | No | |  | | N/A |  | |

## Emergency Power Supply Test and Inspection (3)

NOTE 1: See 9.2, 9.3, 9.4, and Annex C, Battery Tests

NOTE 2: Complete section for each *emergency power supply.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Emergency power supply* location: | | | Transponder Panel #12 | | | | | | | | | | | | | | | | | | |
| *Emergency power supply* identification: | | | | Transponder Panel #12 Batteries | | | | | | | | | | | | | | | | | |
| *Emergency power supply* provided by: | | | |  | | | | | | | | | | | | | | | | | |
| Batteries |  | Generator | | | |  | | | | UPS | | |  | | | Combination | | |  | | |
| NBC required full load alarm operation time | | | | | 2h | |  | | 1h | | |  | | 30min |  | | | 5 min | | |  |
| Installed batteries | | | | | Qty: | | | 2 | | | V(dc): | | | 12 | | | A∙h: | | | 26 | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| BATTERY TESTS (Reference: 9.2) | | | | | | | | | | | | | |
| A | Correct battery type as recommended by manufacturer | | Yes | |  | | No | |  | | N/A |  | |
| B | Correct battery rating as determined by battery calculations based on full system load. | | Yes | |  | | No | |  | | N/A |  | |
| C | Battery voltage with *main power supply* ‘ON’. | | Voltage: | | | 27.13 | | | | V dc | | | |
| Current: | | | 0.01 | | | | A | | | |
| D | Battery voltage and current with main power supply ‘OFF’ and fire alarm system in supervisory condition. | | Voltage: | | | 26.60 | | | | V dc | | | |
| Current: | | | 0.75 | | | | A | | | |
| E | Battery voltage and current with main power supply ‘OFF’ and fire alarm system in full load alarm condition. | | Voltage: | | | 25.34 | | | | V dc | | | |
| Current: | | | 0.57 | | | | A | | | |
| F | Battery free of physical damage. | | Yes | |  | | No | |  | | N/A |  | |
| G | Battery terminals cleaned and lubricated. | | Yes | |  | | No | |  | | N/A |  | |
| H | Battery terminals clamped tightly. | | Yes | |  | | No | |  | | N/A |  | |
| J | Specific gravity of electrolyte is within manufacturer’s *specifications*. | | Yes | |  | | No | |  | | N/A |  | |
| K | Battery free of electrolyte leakage. | | Yes | |  | | No | |  | | N/A |  | |
| L | Adequately ventilated. | | Yes | |  | | No | |  | | N/A |  | |
| M | Battery manufacturer’s date code: | | Date: | | | | OD284H x 2 | | | | | | |
| N | Disconnection of battery causes *trouble signal* at the fire alarm *control unit*. | | Yes | |  | | No | |  | | N/A |  | |
| O | Indicate the type of battery tests performed | | | | | | | | | | | | |
| 1. Required supervisory load for 24 h followed by the full required load operation; or | | Yes | |  | | No | |  | | N/A |  | |
| 1. Silent accelerated test. (Refer to Annex C1, New Silent Accelerated Test Method); or | | Yes | |  | | No | |  | | N/A |  | |
| 1. Battery manufacturer’s method. Specify: |  | Yes |  | | | No |  | | | N/A |  |
| P | Record calculated battery capacity (Refer to Annex C2). | | 18.285 | | | | | | | | A∙h | |
| Q | Record battery terminal voltage after completion of tests. | | 26.34 | | | | | | | | V dc | |
| EMERGENCY POWER TESTS (Reference: 9.3) | | | | | | | | | | | | | |
| A | Generator provides power to the AC *circuit* serving the *fire alarm* system. | | Yes | |  | | No | |  | | N/A |  | |
| B | Trouble condition at the emergency generator shall result in an audible common *trouble signal* and a visual indication at the required *annunciator*. | | Yes | |  | | No | |  | | N/A |  | |
| C | Generator Run condition at the emergency generator shall result in an audible common *trouble signal* and a visual indication at the required *annunciator*. | | Yes | |  | | No | |  | | N/A |  | |

## Emergency Power Supply Test and Inspection (4)

NOTE 1: See 9.2, 9.3, 9.4, and Annex C, Battery Tests

NOTE 2: Complete section for each *emergency power supply.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Emergency power supply* location: | | | Booster #1 (PNL-2A CCT-50) | | | | | | | | | | | | | | | | | | |
| *Emergency power supply* identification: | | | | Booster #1 Batteries | | | | | | | | | | | | | | | | | |
| *Emergency power supply* provided by: | | | |  | | | | | | | | | | | | | | | | | |
| Batteries |  | Generator | | | |  | | | | UPS | | |  | | | Combination | | |  | | |
| NBC required full load alarm operation time | | | | | 2h | |  | | 1h | | |  | | 30min |  | | | 5 min | | |  |
| Installed batteries | | | | | Qty: | | | 2 | | | V(dc): | | | 12 | | | A∙h: | | | 13 | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| BATTERY TESTS (Reference: 9.2) | | | | | | | | | | | | | |
| A | Correct battery type as recommended by manufacturer | | Yes | |  | | No | |  | | N/A |  | |
| B | Correct battery rating as determined by battery calculations based on full system load. | | Yes | |  | | No | |  | | N/A |  | |
| C | Battery voltage with *main power supply* ‘ON’. | | Voltage: | | | 26.59 | | | | V dc | | | |
| Current: | | | 0.01 | | | | A | | | |
| D | Battery voltage and current with main power supply ‘OFF’ and fire alarm system in supervisory condition. | | Voltage: | | | 26.19 | | | | V dc | | | |
| Current: | | | 0.04 | | | | A | | | |
| E | Battery voltage and current with main power supply ‘OFF’ and fire alarm system in full load alarm condition. | | Voltage: | | | 24.97 | | | | V dc | | | |
| Current: | | | 3.41 | | | | A | | | |
| F | Battery free of physical damage. | | Yes | |  | | No | |  | | N/A |  | |
| G | Battery terminals cleaned and lubricated. | | Yes | |  | | No | |  | | N/A |  | |
| H | Battery terminals clamped tightly. | | Yes | |  | | No | |  | | N/A |  | |
| J | Specific gravity of electrolyte is within manufacturer’s *specifications*. | | Yes | |  | | No | |  | | N/A |  | |
| K | Battery free of electrolyte leakage. | | Yes | |  | | No | |  | | N/A |  | |
| L | Adequately ventilated. | | Yes | |  | | No | |  | | N/A |  | |
| M | Battery manufacturer’s date code: | | Date: | | | | W20Y2023 x 2 | | | | | | |
| N | Disconnection of battery causes *trouble signal* at the fire alarm *control unit*. | | Yes | |  | | No | |  | | N/A |  | |
| O | Indicate the type of battery tests performed | | | | | | | | | | | | |
| 1. Required supervisory load for 24 h followed by the full required load operation; or | | Yes | |  | | No | |  | | N/A |  | |
| 1. Silent accelerated test. (Refer to Annex C1, New Silent Accelerated Test Method); or | | Yes | |  | | No | |  | | N/A |  | |
| 1. Battery manufacturer’s method. Specify: |  | Yes |  | | | No |  | | | N/A |  |
| P | Record calculated battery capacity (Refer to Annex C2). | | 2.665 | | | | | | | | A∙h | |
| Q | Record battery terminal voltage after completion of tests. | | 25.2 | | | | | | | | V dc | |
| EMERGENCY POWER TESTS (Reference: 9.3) | | | | | | | | | | | | | |
| A | Generator provides power to the AC *circuit* serving the *fire alarm* system. | | Yes | |  | | No | |  | | N/A |  | |
| B | Trouble condition at the emergency generator shall result in an audible common *trouble signal* and a visual indication at the required *annunciator*. | | Yes | |  | | No | |  | | N/A |  | |
| C | Generator Run condition at the emergency generator shall result in an audible common *trouble signal* and a visual indication at the required *annunciator*. | | Yes | |  | | No | |  | | N/A |  | |

## Emergency Power Supply Test and Inspection (5)

NOTE 1: See 9.2, 9.3, 9.4, and Annex C, Battery Tests

NOTE 2: Complete section for each *emergency power supply.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Emergency power supply* location: | | | Booster #2 (PNL-2A CCT-50) | | | | | | | | | | | | | | | | | | |
| *Emergency power supply* identification: | | | | Booster #2 Batteries | | | | | | | | | | | | | | | | | |
| *Emergency power supply* provided by: | | | |  | | | | | | | | | | | | | | | | | |
| Batteries |  | Generator | | | |  | | | | UPS | | |  | | | Combination | | |  | | |
| NBC required full load alarm operation time | | | | | 2h | |  | | 1h | | |  | | 30min |  | | | 5 min | | |  |
| Installed batteries | | | | | Qty: | | | 2 | | | V(dc): | | | 12 | | | A∙h: | | | 13 | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| BATTERY TESTS (Reference: 9.2) | | | | | | | | | | | | | |
| A | Correct battery type as recommended by manufacturer | | Yes | |  | | No | |  | | N/A |  | |
| B | Correct battery rating as determined by battery calculations based on full system load. | | Yes | |  | | No | |  | | N/A |  | |
| C | Battery voltage with *main power supply* ‘ON’. | | Voltage: | | | 26.47 | | | | V dc | | | |
| Current: | | | 0.01 | | | | A | | | |
| D | Battery voltage and current with main power supply ‘OFF’ and fire alarm system in supervisory condition. | | Voltage: | | | 26.05 | | | | V dc | | | |
| Current: | | | 0.03 | | | | A | | | |
| E | Battery voltage and current with main power supply ‘OFF’ and fire alarm system in full load alarm condition. | | Voltage: | | | 24.7 | | | | V dc | | | |
| Current: | | | 1.76 | | | | A | | | |
| F | Battery free of physical damage. | | Yes | |  | | No | |  | | N/A |  | |
| G | Battery terminals cleaned and lubricated. | | Yes | |  | | No | |  | | N/A |  | |
| H | Battery terminals clamped tightly. | | Yes | |  | | No | |  | | N/A |  | |
| J | Specific gravity of electrolyte is within manufacturer’s *specifications*. | | Yes | |  | | No | |  | | N/A |  | |
| K | Battery free of electrolyte leakage. | | Yes | |  | | No | |  | | N/A |  | |
| L | Adequately ventilated. | | Yes | |  | | No | |  | | N/A |  | |
| M | Battery manufacturer’s date code: | | Date: | | | | 160526HA x 2 | | | | | | |
| N | Disconnection of battery causes *trouble signal* at the fire alarm *control unit*. | | Yes | |  | | No | |  | | N/A |  | |
| O | Indicate the type of battery tests performed | | | | | | | | | | | | |
| 1. Required supervisory load for 24 h followed by the full required load operation; or | | Yes | |  | | No | |  | | N/A |  | |
| 1. Silent accelerated test. (Refer to Annex C1, New Silent Accelerated Test Method); or | | Yes | |  | | No | |  | | N/A |  | |
| 1. Battery manufacturer’s method. Specify: |  | Yes |  | | | No |  | | | N/A |  |
| P | Record calculated battery capacity (Refer to Annex C2). | | 1.6 | | | | | | | | A∙h | |
| Q | Record battery terminal voltage after completion of tests. | | 25.57 | | | | | | | | V dc | |
| EMERGENCY POWER TESTS (Reference: 9.3) | | | | | | | | | | | | | |
| A | Generator provides power to the AC *circuit* serving the *fire alarm* system. | | Yes | |  | | No | |  | | N/A |  | |
| B | Trouble condition at the emergency generator shall result in an audible common *trouble signal* and a visual indication at the required *annunciator*. | | Yes | |  | | No | |  | | N/A |  | |
| C | Generator Run condition at the emergency generator shall result in an audible common *trouble signal* and a visual indication at the required *annunciator*. | | Yes | |  | | No | |  | | N/A |  | |

## Emergency Power Supply Test and Inspection (6)

NOTE 1: See 9.2, 9.3, 9.4, and Annex C, Battery Tests

NOTE 2: Complete section for each *emergency power supply.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Emergency power supply* location: | | | Booster #3 (PNL-2A CCT-50) | | | | | | | | | | | | | | | | | | |
| *Emergency power supply* identification: | | | | Booster #3 Batteries | | | | | | | | | | | | | | | | | |
| *Emergency power supply* provided by: | | | |  | | | | | | | | | | | | | | | | | |
| Batteries |  | Generator | | | |  | | | | UPS | | |  | | | Combination | | |  | | |
| NBC required full load alarm operation time | | | | | 2h | |  | | 1h | | |  | | 30min |  | | | 5 min | | |  |
| Installed batteries | | | | | Qty: | | | 2 | | | V(dc): | | | 12 | | | A∙h: | | | 13 | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| BATTERY TESTS (Reference: 9.2) | | | | | | | | | | | | | |
| A | Correct battery type as recommended by manufacturer | | Yes | |  | | No | |  | | N/A |  | |
| B | Correct battery rating as determined by battery calculations based on full system load. | | Yes | |  | | No | |  | | N/A |  | |
| C | Battery voltage with *main power supply* ‘ON’. | | Voltage: | | | 26.48 | | | | V dc | | | |
| Current: | | | 0.01 | | | | A | | | |
| D | Battery voltage and current with main power supply ‘OFF’ and fire alarm system in supervisory condition. | | Voltage: | | | 26.08 | | | | V dc | | | |
| Current: | | | 0.04 | | | | A | | | |
| E | Battery voltage and current with main power supply ‘OFF’ and fire alarm system in full load alarm condition. | | Voltage: | | | 24.92 | | | | V dc | | | |
| Current: | | | 2.68 | | | | A | | | |
| F | Battery free of physical damage. | | Yes | |  | | No | |  | | N/A |  | |
| G | Battery terminals cleaned and lubricated. | | Yes | |  | | No | |  | | N/A |  | |
| H | Battery terminals clamped tightly. | | Yes | |  | | No | |  | | N/A |  | |
| J | Specific gravity of electrolyte is within manufacturer’s *specifications*. | | Yes | |  | | No | |  | | N/A |  | |
| K | Battery free of electrolyte leakage. | | Yes | |  | | No | |  | | N/A |  | |
| L | Adequately ventilated. | | Yes | |  | | No | |  | | N/A |  | |
| M | Battery manufacturer’s date code: | | Date: | | | | 210430AB x 2 | | | | | | |
| N | Disconnection of battery causes *trouble signal* at the fire alarm *control unit*. | | Yes | |  | | No | |  | | N/A |  | |
| O | Indicate the type of battery tests performed | | | | | | | | | | | | |
| 1. Required supervisory load for 24 h followed by the full required load operation; or | | Yes | |  | | No | |  | | N/A |  | |
| 1. Silent accelerated test. (Refer to Annex C1, New Silent Accelerated Test Method); or | | Yes | |  | | No | |  | | N/A |  | |
| 1. Battery manufacturer’s method. Specify: |  | Yes |  | | | No |  | | | N/A |  |
| P | Record calculated battery capacity (Refer to Annex C2). | | 2.3 | | | | | | | | A∙h | |
| Q | Record battery terminal voltage after completion of tests. | | 25.13 | | | | | | | | V dc | |
| EMERGENCY POWER TESTS (Reference: 9.3) | | | | | | | | | | | | | |
| A | Generator provides power to the AC *circuit* serving the *fire alarm* system. | | Yes | |  | | No | |  | | N/A |  | |
| B | Trouble condition at the emergency generator shall result in an audible common *trouble signal* and a visual indication at the required *annunciator*. | | Yes | |  | | No | |  | | N/A |  | |
| C | Generator Run condition at the emergency generator shall result in an audible common *trouble signal* and a visual indication at the required *annunciator*. | | Yes | |  | | No | |  | | N/A |  | |

## Emergency Power Supply Test and Inspection (7)

NOTE 1: See 9.2, 9.3, 9.4, and Annex C, Battery Tests

NOTE 2: Complete section for each *emergency power supply.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Emergency power supply* location: | | | Booster #4 (Electrical Rm #5 30A Disconnect) | | | | | | | | | | | | | | | | | | |
| *Emergency power supply* identification: | | | | Booster #4 Batteries | | | | | | | | | | | | | | | | | |
| *Emergency power supply* provided by: | | | |  | | | | | | | | | | | | | | | | | |
| Batteries |  | Generator | | | |  | | | | UPS | | |  | | | Combination | | |  | | |
| NBC required full load alarm operation time | | | | | 2h | |  | | 1h | | |  | | 30min |  | | | 5 min | | |  |
| Installed batteries | | | | | Qty: | | | 2 | | | V(dc): | | | 12 | | | A∙h: | | | 13 | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| BATTERY TESTS (Reference: 9.2) | | | | | | | | | | | | | |
| A | Correct battery type as recommended by manufacturer | | Yes | |  | | No | |  | | N/A |  | |
| B | Correct battery rating as determined by battery calculations based on full system load. | | Yes | |  | | No | |  | | N/A |  | |
| C | Battery voltage with *main power supply* ‘ON’. | | Voltage: | | | 26.45 | | | | V dc | | | |
| Current: | | | 0.02 | | | | A | | | |
| D | Battery voltage and current with main power supply ‘OFF’ and fire alarm system in supervisory condition. | | Voltage: | | | 26.23 | | | | V dc | | | |
| Current: | | | 0.09 | | | | A | | | |
| E | Battery voltage and current with main power supply ‘OFF’ and fire alarm system in full load alarm condition. | | Voltage: | | | 25.01 | | | | V dc | | | |
| Current: | | | 2.48 | | | | A | | | |
| F | Battery free of physical damage. | | Yes | |  | | No | |  | | N/A |  | |
| G | Battery terminals cleaned and lubricated. | | Yes | |  | | No | |  | | N/A |  | |
| H | Battery terminals clamped tightly. | | Yes | |  | | No | |  | | N/A |  | |
| J | Specific gravity of electrolyte is within manufacturer’s *specifications*. | | Yes | |  | | No | |  | | N/A |  | |
| K | Battery free of electrolyte leakage. | | Yes | |  | | No | |  | | N/A |  | |
| L | Adequately ventilated. | | Yes | |  | | No | |  | | N/A |  | |
| M | Battery manufacturer’s date code: | | Date: | | | | W46Y2021 x 2 | | | | | | |
| N | Disconnection of battery causes *trouble signal* at the fire alarm *control unit*. | | Yes | |  | | No | |  | | N/A |  | |
| O | Indicate the type of battery tests performed | | | | | | | | | | | | |
| 1. Required supervisory load for 24 h followed by the full required load operation; or | | Yes | |  | | No | |  | | N/A |  | |
| 1. Silent accelerated test. (Refer to Annex C1, New Silent Accelerated Test Method); or | | Yes | |  | | No | |  | | N/A |  | |
| 1. Battery manufacturer’s method. Specify: |  | Yes |  | | | No |  | | | N/A |  |
| P | Record calculated battery capacity (Refer to Annex C2). | | 3.4 | | | | | | | | A∙h | |
| Q | Record battery terminal voltage after completion of tests. | | 25.2 | | | | | | | | V dc | |
| EMERGENCY POWER TESTS (Reference: 9.3) | | | | | | | | | | | | | |
| A | Generator provides power to the AC *circuit* serving the *fire alarm* system. | | Yes | |  | | No | |  | | N/A |  | |
| B | Trouble condition at the emergency generator shall result in an audible common *trouble signal* and a visual indication at the required *annunciator*. | | Yes | |  | | No | |  | | N/A |  | |
| C | Generator Run condition at the emergency generator shall result in an audible common *trouble signal* and a visual indication at the required *annunciator*. | | Yes | |  | | No | |  | | N/A |  | |

## Emergency Power Supply Test and Inspection (8)

NOTE 1: See 9.2, 9.3, 9.4, and Annex C, Battery Tests

NOTE 2: Complete section for each *emergency power supply.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Emergency power supply* location: | | | Booster #5 (PNL-H2A CCT-1) | | | | | | | | | | | | | | | | | | |
| *Emergency power supply* identification: | | | | Booster #5 Batteries | | | | | | | | | | | | | | | | | |
| *Emergency power supply* provided by: | | | |  | | | | | | | | | | | | | | | | | |
| Batteries |  | Generator | | | |  | | | | UPS | | |  | | | Combination | | |  | | |
| NBC required full load alarm operation time | | | | | 2h | |  | | 1h | | |  | | 30min |  | | | 5 min | | |  |
| Installed batteries | | | | | Qty: | | | 2 | | | V(dc): | | | 12 | | | A∙h: | | | 7.2 | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| BATTERY TESTS (Reference: 9.2) | | | | | | | | | | | | | |
| A | Correct battery type as recommended by manufacturer | | Yes | |  | | No | |  | | N/A |  | |
| B | Correct battery rating as determined by battery calculations based on full system load. | | Yes | |  | | No | |  | | N/A |  | |
| C | Battery voltage with *main power supply* ‘ON’. | | Voltage: | | | 26.49 | | | | V dc | | | |
| Current: | | | 0.01 | | | | A | | | |
| D | Battery voltage and current with main power supply ‘OFF’ and fire alarm system in supervisory condition. | | Voltage: | | | 25.52 | | | | V dc | | | |
| Current: | | | 0.09 | | | | A | | | |
| E | Battery voltage and current with main power supply ‘OFF’ and fire alarm system in full load alarm condition. | | Voltage: | | | 24.17 | | | | V dc | | | |
| Current: | | | 2.68 | | | | A | | | |
| F | Battery free of physical damage. | | Yes | |  | | No | |  | | N/A |  | |
| G | Battery terminals cleaned and lubricated. | | Yes | |  | | No | |  | | N/A |  | |
| H | Battery terminals clamped tightly. | | Yes | |  | | No | |  | | N/A |  | |
| J | Specific gravity of electrolyte is within manufacturer’s *specifications*. | | Yes | |  | | No | |  | | N/A |  | |
| K | Battery free of electrolyte leakage. | | Yes | |  | | No | |  | | N/A |  | |
| L | Adequately ventilated. | | Yes | |  | | No | |  | | N/A |  | |
| M | Battery manufacturer’s date code: | | Date: | | | | W230507V553 / W230714NVB43C | | | | | | |
| N | Disconnection of battery causes *trouble signal* at the fire alarm *control unit*. | | Yes | |  | | No | |  | | N/A |  | |
| O | Indicate the type of battery tests performed | | | | | | | | | | | | |
| 1. Required supervisory load for 24 h followed by the full required load operation; or | | Yes | |  | | No | |  | | N/A |  | |
| 1. Silent accelerated test. (Refer to Annex C1, New Silent Accelerated Test Method); or | | Yes | |  | | No | |  | | N/A |  | |
| 1. Battery manufacturer’s method. Specify: |  | Yes |  | | | No |  | | | N/A |  |
| P | Record calculated battery capacity (Refer to Annex C2). | | 3.5 | | | | | | | | A∙h | |
| Q | Record battery terminal voltage after completion of tests. | | 25.07 | | | | | | | | V dc | |
| EMERGENCY POWER TESTS (Reference: 9.3) | | | | | | | | | | | | | |
| A | Generator provides power to the AC *circuit* serving the *fire alarm* system. | | Yes | |  | | No | |  | | N/A |  | |
| B | Trouble condition at the emergency generator shall result in an audible common *trouble signal* and a visual indication at the required *annunciator*. | | Yes | |  | | No | |  | | N/A |  | |
| C | Generator Run condition at the emergency generator shall result in an audible common *trouble signal* and a visual indication at the required *annunciator*. | | Yes | |  | | No | |  | | N/A |  | |

## Emergency Power Supply Test and Inspection (9)

NOTE 1: See 9.2, 9.3, 9.4, and Annex C, Battery Tests

NOTE 2: Complete section for each *emergency power supply.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Emergency power supply* location: | | | Booster #6A (PNL H2EA CCT-4) | | | | | | | | | | | | | | | | | | |
| *Emergency power supply* identification: | | | | Booster #6A Batteries | | | | | | | | | | | | | | | | | |
| *Emergency power supply* provided by: | | | |  | | | | | | | | | | | | | | | | | |
| Batteries |  | Generator | | | |  | | | | UPS | | |  | | | Combination | | |  | | |
| NBC required full load alarm operation time | | | | | 2h | |  | | 1h | | |  | | 30min |  | | | 5 min | | |  |
| Installed batteries | | | | | Qty: | | | 2 | | | V(dc): | | | 12 | | | A∙h: | | | 13 | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| BATTERY TESTS (Reference: 9.2) | | | | | | | | | | | | | |
| A | Correct battery type as recommended by manufacturer | | Yes | |  | | No | |  | | N/A |  | |
| B | Correct battery rating as determined by battery calculations based on full system load. | | Yes | |  | | No | |  | | N/A |  | |
| C | Battery voltage with *main power supply* ‘ON’. | | Voltage: | | | 26.43 | | | | V dc | | | |
| Current: | | | 0.01 | | | | A | | | |
| D | Battery voltage and current with main power supply ‘OFF’ and fire alarm system in supervisory condition. | | Voltage: | | | 26.25 | | | | V dc | | | |
| Current: | | | 0.07 | | | | A | | | |
| E | Battery voltage and current with main power supply ‘OFF’ and fire alarm system in full load alarm condition. | | Voltage: | | | 25.12 | | | | V dc | | | |
| Current: | | | 1.36 | | | | A | | | |
| F | Battery free of physical damage. | | Yes | |  | | No | |  | | N/A |  | |
| G | Battery terminals cleaned and lubricated. | | Yes | |  | | No | |  | | N/A |  | |
| H | Battery terminals clamped tightly. | | Yes | |  | | No | |  | | N/A |  | |
| J | Specific gravity of electrolyte is within manufacturer’s *specifications*. | | Yes | |  | | No | |  | | N/A |  | |
| K | Battery free of electrolyte leakage. | | Yes | |  | | No | |  | | N/A |  | |
| L | Adequately ventilated. | | Yes | |  | | No | |  | | N/A |  | |
| M | Battery manufacturer’s date code: | | Date: | | | | 191121AB x 2 | | | | | | |
| N | Disconnection of battery causes *trouble signal* at the fire alarm *control unit*. | | Yes | |  | | No | |  | | N/A |  | |
| O | Indicate the type of battery tests performed | | | | | | | | | | | | |
| 1. Required supervisory load for 24 h followed by the full required load operation; or | | Yes | |  | | No | |  | | N/A |  | |
| 1. Silent accelerated test. (Refer to Annex C1, New Silent Accelerated Test Method); or | | Yes | |  | | No | |  | | N/A |  | |
| 1. Battery manufacturer’s method. Specify: |  | Yes |  | | | No |  | | | N/A |  |
| P | Record calculated battery capacity (Refer to Annex C2). | | 2.36 | | | | | | | | A∙h | |
| Q | Record battery terminal voltage after completion of tests. | | 24.87 | | | | | | | | V dc | |
| EMERGENCY POWER TESTS (Reference: 9.3) | | | | | | | | | | | | | |
| A | Generator provides power to the AC *circuit* serving the *fire alarm* system. | | Yes | |  | | No | |  | | N/A |  | |
| B | Trouble condition at the emergency generator shall result in an audible common *trouble signal* and a visual indication at the required *annunciator*. | | Yes | |  | | No | |  | | N/A |  | |
| C | Generator Run condition at the emergency generator shall result in an audible common *trouble signal* and a visual indication at the required *annunciator*. | | Yes | |  | | No | |  | | N/A |  | |

## Emergency Power Supply Test and Inspection (10)

NOTE 1: See 9.2, 9.3, 9.4, and Annex C, Battery Tests

NOTE 2: Complete section for each *emergency power supply.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Emergency power supply* location: | | | Booster #7 (PNL-2H2 CCT-15) | | | | | | | | | | | | | | | | | | |
| *Emergency power supply* identification: | | | | Booster #7 Batteries | | | | | | | | | | | | | | | | | |
| *Emergency power supply* provided by: | | | |  | | | | | | | | | | | | | | | | | |
| Batteries |  | Generator | | | |  | | | | UPS | | |  | | | Combination | | |  | | |
| NBC required full load alarm operation time | | | | | 2h | |  | | 1h | | |  | | 30min |  | | | 5 min | | |  |
| Installed batteries | | | | | Qty: | | | 2 | | | V(dc): | | | 12 | | | A∙h: | | | 13 | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| BATTERY TESTS (Reference: 9.2) | | | | | | | | | | | | | |
| A | Correct battery type as recommended by manufacturer | | Yes | |  | | No | |  | | N/A |  | |
| B | Correct battery rating as determined by battery calculations based on full system load. | | Yes | |  | | No | |  | | N/A |  | |
| C | Battery voltage with *main power supply* ‘ON’. | | Voltage: | | | 26.51 | | | | V dc | | | |
| Current: | | | 0.01 | | | | A | | | |
| D | Battery voltage and current with main power supply ‘OFF’ and fire alarm system in supervisory condition. | | Voltage: | | | 26.27 | | | | V dc | | | |
| Current: | | | 0.03 | | | | A | | | |
| E | Battery voltage and current with main power supply ‘OFF’ and fire alarm system in full load alarm condition. | | Voltage: | | | 24.8 | | | | V dc | | | |
| Current: | | | 1.4 | | | | A | | | |
| F | Battery free of physical damage. | | Yes | |  | | No | |  | | N/A |  | |
| G | Battery terminals cleaned and lubricated. | | Yes | |  | | No | |  | | N/A |  | |
| H | Battery terminals clamped tightly. | | Yes | |  | | No | |  | | N/A |  | |
| J | Specific gravity of electrolyte is within manufacturer’s *specifications*. | | Yes | |  | | No | |  | | N/A |  | |
| K | Battery free of electrolyte leakage. | | Yes | |  | | No | |  | | N/A |  | |
| L | Adequately ventilated. | | Yes | |  | | No | |  | | N/A |  | |
| M | Battery manufacturer’s date code: | | Date: | | | | 191121AB x 2 | | | | | | |
| N | Disconnection of battery causes *trouble signal* at the fire alarm *control unit*. | | Yes | |  | | No | |  | | N/A |  | |
| O | Indicate the type of battery tests performed | | | | | | | | | | | | |
| 1. Required supervisory load for 24 h followed by the full required load operation; or | | Yes | |  | | No | |  | | N/A |  | |
| 1. Silent accelerated test. (Refer to Annex C1, New Silent Accelerated Test Method); or | | Yes | |  | | No | |  | | N/A |  | |
| 1. Battery manufacturer’s method. Specify: |  | Yes |  | | | No |  | | | N/A |  |
| P | Record calculated battery capacity (Refer to Annex C2). | | 1.47 | | | | | | | | A∙h | |
| Q | Record battery terminal voltage after completion of tests. | | 25.44 | | | | | | | | V dc | |
| EMERGENCY POWER TESTS (Reference: 9.3) | | | | | | | | | | | | | |
| A | Generator provides power to the AC *circuit* serving the *fire alarm* system. | | Yes | |  | | No | |  | | N/A |  | |
| B | Trouble condition at the emergency generator shall result in an audible common *trouble signal* and a visual indication at the required *annunciator*. | | Yes | |  | | No | |  | | N/A |  | |
| C | Generator Run condition at the emergency generator shall result in an audible common *trouble signal* and a visual indication at the required *annunciator*. | | Yes | |  | | No | |  | | N/A |  | |

## Emergency Power Supply Test and Inspection (11)

NOTE 1: See 9.2, 9.3, 9.4, and Annex C, Battery Tests

NOTE 2: Complete section for each *emergency power supply.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Emergency power supply* location: | | | Booster Zone 8 (PNL-BM CCT-46) | | | | | | | | | | | | | | | | | | |
| *Emergency power supply* identification: | | | | Booster Zone 8 Batteries | | | | | | | | | | | | | | | | | |
| *Emergency power supply* provided by: | | | |  | | | | | | | | | | | | | | | | | |
| Batteries |  | Generator | | | |  | | | | UPS | | |  | | | Combination | | |  | | |
| NBC required full load alarm operation time | | | | | 2h | |  | | 1h | | |  | | 30min |  | | | 5 min | | |  |
| Installed batteries | | | | | Qty: | | | 2 | | | V(dc): | | | 12 | | | A∙h: | | | 7.2 | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| BATTERY TESTS (Reference: 9.2) | | | | | | | | | | | | | |
| A | Correct battery type as recommended by manufacturer | | Yes | |  | | No | |  | | N/A |  | |
| B | Correct battery rating as determined by battery calculations based on full system load. | | Yes | |  | | No | |  | | N/A |  | |
| C | Battery voltage with *main power supply* ‘ON’. | | Voltage: | | | 26.42 | | | | V dc | | | |
| Current: | | | 0.01 | | | | A | | | |
| D | Battery voltage and current with main power supply ‘OFF’ and fire alarm system in supervisory condition. | | Voltage: | | | 26.23 | | | | V dc | | | |
| Current: | | | 0.06 | | | | A | | | |
| E | Battery voltage and current with main power supply ‘OFF’ and fire alarm system in full load alarm condition. | | Voltage: | | | 24.9 | | | | V dc | | | |
| Current: | | | 2.02 | | | | A | | | |
| F | Battery free of physical damage. | | Yes | |  | | No | |  | | N/A |  | |
| G | Battery terminals cleaned and lubricated. | | Yes | |  | | No | |  | | N/A |  | |
| H | Battery terminals clamped tightly. | | Yes | |  | | No | |  | | N/A |  | |
| J | Specific gravity of electrolyte is within manufacturer’s *specifications*. | | Yes | |  | | No | |  | | N/A |  | |
| K | Battery free of electrolyte leakage. | | Yes | |  | | No | |  | | N/A |  | |
| L | Adequately ventilated. | | Yes | |  | | No | |  | | N/A |  | |
| M | Battery manufacturer’s date code: | | Date: | | | | W230507VJ53 x 2 | | | | | | |
| N | Disconnection of battery causes *trouble signal* at the fire alarm *control unit*. | | Yes | |  | | No | |  | | N/A |  | |
| O | Indicate the type of battery tests performed | | | | | | | | | | | | |
| 1. Required supervisory load for 24 h followed by the full required load operation; or | | Yes | |  | | No | |  | | N/A |  | |
| 1. Silent accelerated test. (Refer to Annex C1, New Silent Accelerated Test Method); or | | Yes | |  | | No | |  | | N/A |  | |
| 1. Battery manufacturer’s method. Specify: |  | Yes |  | | | No |  | | | N/A |  |
| P | Record calculated battery capacity (Refer to Annex C2). | | 2.45 | | | | | | | | A∙h | |
| Q | Record battery terminal voltage after completion of tests. | | 24.79 | | | | | | | | V dc | |
| EMERGENCY POWER TESTS (Reference: 9.3) | | | | | | | | | | | | | |
| A | Generator provides power to the AC *circuit* serving the *fire alarm* system. | | Yes | |  | | No | |  | | N/A |  | |
| B | Trouble condition at the emergency generator shall result in an audible common *trouble signal* and a visual indication at the required *annunciator*. | | Yes | |  | | No | |  | | N/A |  | |
| C | Generator Run condition at the emergency generator shall result in an audible common *trouble signal* and a visual indication at the required *annunciator*. | | Yes | |  | | No | |  | | N/A |  | |

## Emergency Power Supply Test and Inspection (12)

NOTE 1: See 9.2, 9.3, 9.4, and Annex C, Battery Tests

NOTE 2: Complete section for each *emergency power supply.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Emergency power supply* location: | | | Booster Zone 7 (PNL-BH CCT-40) | | | | | | | | | | | | | | | | | | |
| *Emergency power supply* identification: | | | | Booster Zone 7 Batteries | | | | | | | | | | | | | | | | | |
| *Emergency power supply* provided by: | | | |  | | | | | | | | | | | | | | | | | |
| Batteries |  | Generator | | | |  | | | | UPS | | |  | | | Combination | | |  | | |
| NBC required full load alarm operation time | | | | | 2h | |  | | 1h | | |  | | 30min |  | | | 5 min | | |  |
| Installed batteries | | | | | Qty: | | | 2 | | | V(dc): | | | 12 | | | A∙h: | | | 35 | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| BATTERY TESTS (Reference: 9.2) | | | | | | | | | | | | | |
| A | Correct battery type as recommended by manufacturer | | Yes | |  | | No | |  | | N/A |  | |
| B | Correct battery rating as determined by battery calculations based on full system load. | | Yes | |  | | No | |  | | N/A |  | |
| C | Battery voltage with *main power supply* ‘ON’. | | Voltage: | | | 26.45 | | | | V dc | | | |
| Current: | | | 0.03 | | | | A | | | |
| D | Battery voltage and current with main power supply ‘OFF’ and fire alarm system in supervisory condition. | | Voltage: | | | 26.12 | | | | V dc | | | |
| Current: | | | 0.49 | | | | A | | | |
| E | Battery voltage and current with main power supply ‘OFF’ and fire alarm system in full load alarm condition. | | Voltage: | | | 25.19 | | | | V dc | | | |
| Current: | | | 2.634 | | | | A | | | |
| F | Battery free of physical damage. | | Yes | |  | | No | |  | | N/A |  | |
| G | Battery terminals cleaned and lubricated. | | Yes | |  | | No | |  | | N/A |  | |
| H | Battery terminals clamped tightly. | | Yes | |  | | No | |  | | N/A |  | |
| J | Specific gravity of electrolyte is within manufacturer’s *specifications*. | | Yes | |  | | No | |  | | N/A |  | |
| K | Battery free of electrolyte leakage. | | Yes | |  | | No | |  | | N/A |  | |
| L | Adequately ventilated. | | Yes | |  | | No | |  | | N/A |  | |
| M | Battery manufacturer’s date code: | | Date: | | | | 35AB12007C1BC015ADB123H | | | | | | |
| N | Disconnection of battery causes *trouble signal* at the fire alarm *control unit*. | | Yes | |  | | No | |  | | N/A |  | |
| O | Indicate the type of battery tests performed | | | | | | | | | | | | |
| 1. Required supervisory load for 24 h followed by the full required load operation; or | | Yes | |  | | No | |  | | N/A |  | |
| 1. Silent accelerated test. (Refer to Annex C1, New Silent Accelerated Test Method); or | | Yes | |  | | No | |  | | N/A |  | |
| 1. Battery manufacturer’s method. Specify: |  | Yes |  | | | No |  | | | N/A |  |
| P | Record calculated battery capacity (Refer to Annex C2). | | 13.08 | | | | | | | | A∙h | |
| Q | Record battery terminal voltage after completion of tests. | | 25.21 | | | | | | | | V dc | |
| EMERGENCY POWER TESTS (Reference: 9.3) | | | | | | | | | | | | | |
| A | Generator provides power to the AC *circuit* serving the *fire alarm* system. | | Yes | |  | | No | |  | | N/A |  | |
| B | Trouble condition at the emergency generator shall result in an audible common *trouble signal* and a visual indication at the required *annunciator*. | | Yes | |  | | No | |  | | N/A |  | |
| C | Generator Run condition at the emergency generator shall result in an audible common *trouble signal* and a visual indication at the required *annunciator*. | | Yes | |  | | No | |  | | N/A |  | |

## Emergency Power Supply Test and Inspection (13)

NOTE 1: See 9.2, 9.3, 9.4, and Annex C, Battery Tests

NOTE 2: Complete section for each *emergency power supply.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Emergency power supply* location: | | | Pet Value Booster (PNL-2A CCT-44) | | | | | | | | | | | | | | | | | | |
| *Emergency power supply* identification: | | | | Pet Value Booster Batteries | | | | | | | | | | | | | | | | | |
| *Emergency power supply* provided by: | | | |  | | | | | | | | | | | | | | | | | |
| Batteries |  | Generator | | | |  | | | | UPS | | |  | | | Combination | | |  | | |
| NBC required full load alarm operation time | | | | | 2h | |  | | 1h | | |  | | 30min |  | | | 5 min | | |  |
| Installed batteries | | | | | Qty: | | | 2 | | | V(dc): | | | 12 | | | A∙h: | | | 13 | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| BATTERY TESTS (Reference: 9.2) | | | | | | | | | | | | | |
| A | Correct battery type as recommended by manufacturer | | Yes | |  | | No | |  | | N/A |  | |
| B | Correct battery rating as determined by battery calculations based on full system load. | | Yes | |  | | No | |  | | N/A |  | |
| C | Battery voltage with *main power supply* ‘ON’. | | Voltage: | | | 26.47 | | | | V dc | | | |
| Current: | | | 0.01 | | | | A | | | |
| D | Battery voltage and current with main power supply ‘OFF’ and fire alarm system in supervisory condition. | | Voltage: | | | 26.24 | | | | V dc | | | |
| Current: | | | 0.09 | | | | A | | | |
| E | Battery voltage and current with main power supply ‘OFF’ and fire alarm system in full load alarm condition. | | Voltage: | | | 25.37 | | | | V dc | | | |
| Current: | | | 0.86 | | | | A | | | |
| F | Battery free of physical damage. | | Yes | |  | | No | |  | | N/A |  | |
| G | Battery terminals cleaned and lubricated. | | Yes | |  | | No | |  | | N/A |  | |
| H | Battery terminals clamped tightly. | | Yes | |  | | No | |  | | N/A |  | |
| J | Specific gravity of electrolyte is within manufacturer’s *specifications*. | | Yes | |  | | No | |  | | N/A |  | |
| K | Battery free of electrolyte leakage. | | Yes | |  | | No | |  | | N/A |  | |
| L | Adequately ventilated. | | Yes | |  | | No | |  | | N/A |  | |
| M | Battery manufacturer’s date code: | | Date: | | | | W20Y2023 x 2 | | | | | | |
| N | Disconnection of battery causes *trouble signal* at the fire alarm *control unit*. | | Yes | |  | | No | |  | | N/A |  | |
| O | Indicate the type of battery tests performed | | | | | | | | | | | | |
| 1. Required supervisory load for 24 h followed by the full required load operation; or | | Yes | |  | | No | |  | | N/A |  | |
| 1. Silent accelerated test. (Refer to Annex C1, New Silent Accelerated Test Method); or | | Yes | |  | | No | |  | | N/A |  | |
| 1. Battery manufacturer’s method. Specify: |  | Yes |  | | | No |  | | | N/A |  |
| P | Record calculated battery capacity (Refer to Annex C2). | | 2.59 | | | | | | | | A∙h | |
| Q | Record battery terminal voltage after completion of tests. | | 25.03 | | | | | | | | V dc | |
| EMERGENCY POWER TESTS (Reference: 9.3) | | | | | | | | | | | | | |
| A | Generator provides power to the AC *circuit* serving the *fire alarm* system. | | Yes | |  | | No | |  | | N/A |  | |
| B | Trouble condition at the emergency generator shall result in an audible common *trouble signal* and a visual indication at the required *annunciator*. | | Yes | |  | | No | |  | | N/A |  | |
| C | Generator Run condition at the emergency generator shall result in an audible common *trouble signal* and a visual indication at the required *annunciator*. | | Yes | |  | | No | |  | | N/A |  | |

## Emergency Power Supply Test and Inspection (14)

NOTE 1: See 9.2, 9.3, 9.4, and Annex C, Battery Tests

NOTE 2: Complete section for each *emergency power supply.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Emergency power supply* location: | | | Panel 10 (Freshco) | | | | | | | | | | | | | | | | | | |
| *Emergency power supply* identification: | | | | Panel 10 Batteries | | | | | | | | | | | | | | | | | |
| *Emergency power supply* provided by: | | | |  | | | | | | | | | | | | | | | | | |
| Batteries |  | Generator | | | |  | | | | UPS | | |  | | | Combination | | |  | | |
| NBC required full load alarm operation time | | | | | 2h | |  | | 1h | | |  | | 30min |  | | | 5 min | | |  |
| Installed batteries | | | | | Qty: | | | 2 | | | V(dc): | | | 12 | | | A∙h: | | | 55 | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| BATTERY TESTS (Reference: 9.2) | | | | | | | | | | | | | |
| A | Correct battery type as recommended by manufacturer | | Yes | |  | | No | |  | | N/A |  | |
| B | Correct battery rating as determined by battery calculations based on full system load. | | Yes | |  | | No | |  | | N/A |  | |
| C | Battery voltage with *main power supply* ‘ON’. | | Voltage: | | | 27.55 | | | | V dc | | | |
| Current: | | | 0.01 | | | | A | | | |
| D | Battery voltage and current with main power supply ‘OFF’ and fire alarm system in supervisory condition. | | Voltage: | | | 27.06 | | | | V dc | | | |
| Current: | | | 0.82 | | | | A | | | |
| E | Battery voltage and current with main power supply ‘OFF’ and fire alarm system in full load alarm condition. | | Voltage: | | | 25.53 | | | | V dc | | | |
| Current: | | | 0.91 | | | | A | | | |
| F | Battery free of physical damage. | | Yes | |  | | No | |  | | N/A |  | |
| G | Battery terminals cleaned and lubricated. | | Yes | |  | | No | |  | | N/A |  | |
| H | Battery terminals clamped tightly. | | Yes | |  | | No | |  | | N/A |  | |
| J | Specific gravity of electrolyte is within manufacturer’s *specifications*. | | Yes | |  | | No | |  | | N/A |  | |
| K | Battery free of electrolyte leakage. | | Yes | |  | | No | |  | | N/A |  | |
| L | Adequately ventilated. | | Yes | |  | | No | |  | | N/A |  | |
| M | Battery manufacturer’s date code: | | Date: | | | | Feb 2023 | | | | | | |
| N | Disconnection of battery causes *trouble signal* at the fire alarm *control unit*. | | Yes | |  | | No | |  | | N/A |  | |
| O | Indicate the type of battery tests performed | | | | | | | | | | | | |
| 1. Required supervisory load for 24 h followed by the full required load operation; or | | Yes | |  | | No | |  | | N/A |  | |
| 1. Silent accelerated test. (Refer to Annex C1, New Silent Accelerated Test Method); or | | Yes | |  | | No | |  | | N/A |  | |
| 1. Battery manufacturer’s method. Specify: |  | Yes |  | | | No |  | | | N/A |  |
| P | Record calculated battery capacity (Refer to Annex C2). | | 20.135 | | | | | | | | A∙h | |
| Q | Record battery terminal voltage after completion of tests. | | 26.55 | | | | | | | | V dc | |
| EMERGENCY POWER TESTS (Reference: 9.3) | | | | | | | | | | | | | |
| A | Generator provides power to the AC *circuit* serving the *fire alarm* system. | | Yes | |  | | No | |  | | N/A |  | |
| B | Trouble condition at the emergency generator shall result in an audible common *trouble signal* and a visual indication at the required *annunciator*. | | Yes | |  | | No | |  | | N/A |  | |
| C | Generator Run condition at the emergency generator shall result in an audible common *trouble signal* and a visual indication at the required *annunciator*. | | Yes | |  | | No | |  | | N/A |  | |

## Emergency Power Supply Test and Inspection (15)

NOTE 1: See 9.2, 9.3, 9.4, and Annex C, Battery Tests

NOTE 2: Complete section for each *emergency power supply.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Emergency power supply* location: | | |  | | | | | | | | | | | | | | | | | | |
| *Emergency power supply* identification: | | | |  | | | | | | | | | | | | | | | | | |
| *Emergency power supply* provided by: | | | |  | | | | | | | | | | | | | | | | | |
| Batteries |  | Generator | | | |  | | | | UPS | | |  | | | Combination | | |  | | |
| NBC required full load alarm operation time | | | | | 2h | |  | | 1h | | |  | | 30min |  | | | 5 min | | |  |
| Installed batteries | | | | | Qty: | | |  | | | V(dc): | | |  | | | A∙h: | | |  | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| BATTERY TESTS (Reference: 9.2) | | | | | | | | | | | | | |
| A | Correct battery type as recommended by manufacturer | | Yes | |  | | No | |  | | N/A |  | |
| B | Correct battery rating as determined by battery calculations based on full system load. | | Yes | |  | | No | |  | | N/A |  | |
| C | Battery voltage with *main power supply* ‘ON’. | | Voltage: | | |  | | | | V dc | | | |
| Current: | | |  | | | | A | | | |
| D | Battery voltage and current with main power supply ‘OFF’ and fire alarm system in supervisory condition. | | Voltage: | | |  | | | | V dc | | | |
| Current: | | |  | | | | A | | | |
| E | Battery voltage and current with main power supply ‘OFF’ and fire alarm system in full load alarm condition. | | Voltage: | | |  | | | | V dc | | | |
| Current: | | |  | | | | A | | | |
| F | Battery free of physical damage. | | Yes | |  | | No | |  | | N/A |  | |
| G | Battery terminals cleaned and lubricated. | | Yes | |  | | No | |  | | N/A |  | |
| H | Battery terminals clamped tightly. | | Yes | |  | | No | |  | | N/A |  | |
| J | Specific gravity of electrolyte is within manufacturer’s *specifications*. | | Yes | |  | | No | |  | | N/A |  | |
| K | Battery free of electrolyte leakage. | | Yes | |  | | No | |  | | N/A |  | |
| L | Adequately ventilated. | | Yes | |  | | No | |  | | N/A |  | |
| M | Battery manufacturer’s date code: | | Date: | | | |  | | | | | | |
| N | Disconnection of battery causes *trouble signal* at the fire alarm *control unit*. | | Yes | |  | | No | |  | | N/A |  | |
| O | Indicate the type of battery tests performed | | | | | | | | | | | | |
| 1. Required supervisory load for 24 h followed by the full required load operation; or | | Yes | |  | | No | |  | | N/A |  | |
| 1. Silent accelerated test. (Refer to Annex C1, New Silent Accelerated Test Method); or | | Yes | |  | | No | |  | | N/A |  | |
| 1. Battery manufacturer’s method. Specify: |  | Yes |  | | | No |  | | | N/A |  |
| P | Record calculated battery capacity (Refer to Annex C2). | |  | | | | | | | | A∙h | |
| Q | Record battery terminal voltage after completion of tests. | |  | | | | | | | | V dc | |
| EMERGENCY POWER TESTS (Reference: 9.3) | | | | | | | | | | | | | |
| A | Generator provides power to the AC *circuit* serving the *fire alarm* system. | | Yes | |  | | No | |  | | N/A |  | |
| B | Trouble condition at the emergency generator shall result in an audible common *trouble signal* and a visual indication at the required *annunciator*. | | Yes | |  | | No | |  | | N/A |  | |
| C | Generator Run condition at the emergency generator shall result in an audible common *trouble signal* and a visual indication at the required *annunciator*. | | Yes | |  | | No | |  | | N/A |  | |

## Annunciator, Remote Trouble Signal Unit, Display and Control Centre Test and Inspection

NOTE 1: See Section 10.

NOTE 2: Complete Section for each device.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Annunciator* or remote *trouble signal* unit location: | | Electrical Room 5 | | | | | | | |
| *Annunciator* or remote *trouble signal* unit identification: | | | Main FACP | | | | | | |
| A | Power ‘on’ indicator operates | | | Yes |  | No |  | N/A |  |
| B | Individual alarm and supervisory *zone* designation labels are properly identified. | | | Yes |  | No |  | N/A |  |
| C | Where individual devices are annunciated confirm the individual alarm and supervisory indications are properly identified. | | | Yes |  | No |  | N/A |  |
| D | Where active and *supporting field devices* are utilized, the device location and programmed device label/descriptor shall be confirmed. | | | Yes |  | No |  | N/A |  |
| E | Common *trouble signal* operates. | | | Yes |  | No |  | N/A |  |
| F | Visual indicator *test* (lamp *test*) operates. | | | Yes |  | No |  | N/A |  |
| G | Input wiring from *control unit* or *transponder* is supervised. | | | Yes |  | No |  | N/A |  |
| H | *Alarm signal* silence visual indicator operates. | | | Yes |  | No |  | N/A |  |
| I | Switches for ancillary functions operate as per *design* and *specification*, or in accordance with documentation as detailed in Annex D, Description of Fire Alarm System for Inspection and Test Procedures. | | | Yes |  | No |  | N/A |  |
| J | Other ancillary function visual indicators operate. | | | Yes |  | No |  | N/A |  |
| K | Manual activation of *alarm signal* and indication operates. | | | Yes |  | No |  | N/A |  |
| L | Displays are visible in installed location. | | | Yes |  | No |  | N/A |  |
| M | Operates on emergency power. | | | Yes |  | No |  | N/A |  |

## Annunciator, Remote Trouble Signal Unit, Display and Control Centre Test and Inspection (2)

NOTE 1: See Section 10.

NOTE 2: Complete Section for each device.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Annunciator* or remote *trouble signal* unit location: | | Electrical Room #104 | | | | | | | |
| *Annunciator* or remote *trouble signal* unit identification: | | | Transponder Panel #4 | | | | | | |
| A | Power ‘on’ indicator operates | | | Yes |  | No |  | N/A |  |
| B | Individual alarm and supervisory *zone* designation labels are properly identified. | | | Yes |  | No |  | N/A |  |
| C | Where individual devices are annunciated confirm the individual alarm and supervisory indications are properly identified. | | | Yes |  | No |  | N/A |  |
| D | Where active and *supporting field devices* are utilized, the device location and programmed device label/descriptor shall be confirmed. | | | Yes |  | No |  | N/A |  |
| E | Common *trouble signal* operates. | | | Yes |  | No |  | N/A |  |
| F | Visual indicator *test* (lamp *test*) operates. | | | Yes |  | No |  | N/A |  |
| G | Input wiring from *control unit* or *transponder* is supervised. | | | Yes |  | No |  | N/A |  |
| H | *Alarm signal* silence visual indicator operates. | | | Yes |  | No |  | N/A |  |
| I | Switches for ancillary functions operate as per *design* and *specification*, or in accordance with documentation as detailed in Annex D, Description of Fire Alarm System for Inspection and Test Procedures. | | | Yes |  | No |  | N/A |  |
| J | Other ancillary function visual indicators operate. | | | Yes |  | No |  | N/A |  |
| K | Manual activation of *alarm signal* and indication operates. | | | Yes |  | No |  | N/A |  |
| L | Displays are visible in installed location. | | | Yes |  | No |  | N/A |  |
| M | Operates on emergency power. | | | Yes |  | No |  | N/A |  |

## Annunciator, Remote Trouble Signal Unit, Display and Control Centre Test and Inspection (3)

NOTE 1: See Section 10.

NOTE 2: Complete Section for each device.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Annunciator* or remote *trouble signal* unit location: | | Electrical Room #7 | | | | | | | |
| *Annunciator* or remote *trouble signal* unit identification: | | | Transponder Panel #12 | | | | | | |
| A | Power ‘on’ indicator operates | | | Yes |  | No |  | N/A |  |
| B | Individual alarm and supervisory *zone* designation labels are properly identified. | | | Yes |  | No |  | N/A |  |
| C | Where individual devices are annunciated confirm the individual alarm and supervisory indications are properly identified. | | | Yes |  | No |  | N/A |  |
| D | Where active and *supporting field devices* are utilized, the device location and programmed device label/descriptor shall be confirmed. | | | Yes |  | No |  | N/A |  |
| E | Common *trouble signal* operates. | | | Yes |  | No |  | N/A |  |
| F | Visual indicator *test* (lamp *test*) operates. | | | Yes |  | No |  | N/A |  |
| G | Input wiring from *control unit* or *transponder* is supervised. | | | Yes |  | No |  | N/A |  |
| H | *Alarm signal* silence visual indicator operates. | | | Yes |  | No |  | N/A |  |
| I | Switches for ancillary functions operate as per *design* and *specification*, or in accordance with documentation as detailed in Annex D, Description of Fire Alarm System for Inspection and Test Procedures. | | | Yes |  | No |  | N/A |  |
| J | Other ancillary function visual indicators operate. | | | Yes |  | No |  | N/A |  |
| K | Manual activation of *alarm signal* and indication operates. | | | Yes |  | No |  | N/A |  |
| L | Displays are visible in installed location. | | | Yes |  | No |  | N/A |  |
| M | Operates on emergency power. | | | Yes |  | No |  | N/A |  |

## Annunciator, Remote Trouble Signal Unit, Display and Control Centre Test and Inspection

NOTE 1: See Section 10.

NOTE 2: Complete Section for each device.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Annunciator* or remote *trouble signal* unit location: | | Freshco Electrical Room | | | | | | | |
| *Annunciator* or remote *trouble signal* unit identification: | | | Panel 10 | | | | | | |
| A | Power ‘on’ indicator operates | | | Yes |  | No |  | N/A |  |
| B | Individual alarm and supervisory *zone* designation labels are properly identified. | | | Yes |  | No |  | N/A |  |
| C | Where individual devices are annunciated confirm the individual alarm and supervisory indications are properly identified. | | | Yes |  | No |  | N/A |  |
| D | Where active and *supporting field devices* are utilized, the device location and programmed device label/descriptor shall be confirmed. | | | Yes |  | No |  | N/A |  |
| E | Common *trouble signal* operates. | | | Yes |  | No |  | N/A |  |
| F | Visual indicator *test* (lamp *test*) operates. | | | Yes |  | No |  | N/A |  |
| G | Input wiring from *control unit* or *transponder* is supervised. | | | Yes |  | No |  | N/A |  |
| H | *Alarm signal* silence visual indicator operates. | | | Yes |  | No |  | N/A |  |
| I | Switches for ancillary functions operate as per *design* and *specification*, or in accordance with documentation as detailed in Annex D, Description of Fire Alarm System for Inspection and Test Procedures. | | | Yes |  | No |  | N/A |  |
| J | Other ancillary function visual indicators operate. | | | Yes |  | No |  | N/A |  |
| K | Manual activation of *alarm signal* and indication operates. | | | Yes |  | No |  | N/A |  |
| L | Displays are visible in installed location. | | | Yes |  | No |  | N/A |  |
| M | Operates on emergency power. | | | Yes |  | No |  | N/A |  |

## Annunciator or Sequential Display

NOTE 1: See 10.2.

NOTE 2: If the *fire alarm system* DOES utilize remote annunciators, complete this section (22.7) for each *annunciator* or *sequential* display.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| There are no *annunciators* or *sequential displays* on this system | | | |  |  | | | | | | |
| *Annunciator* or *sequential display* location: | | Paladin Security | | | | | | | | | |
| *Annunciator* or *sequential display* identification: | | | Paladin Security Annunciator | | | | | | | | |
| A | Power ‘on’ indicator operates | | | | | Yes |  | No |  | N/A |  |
| B | Individual alarm and supervisory *zone* designation labels are properly identified. | | | | | Yes |  | No |  | N/A |  |
| C | Where individual devices are also annunciated confirm the individual alarm and supervisory indications are properly identified. | | | | | Yes |  | No |  | N/A |  |
| D | Where active and *supporting field devices* are utilized, the device location and programmed device label/descriptor shall be confirmed. | | | | | Yes |  | No |  | N/A |  |
| E | Common *trouble signal* operates. | | | | | Yes |  | No |  | N/A |  |
| F | Visual indicator *test* (lamp *test*) operates. | | | | | Yes |  | No |  | N/A |  |
| G | Input wiring from *control unit* or *transponder* is supervised. | | | | | Yes |  | No |  | N/A |  |
| H | *Alarm signal* silence visual indicator operates. | | | | | Yes |  | No |  | N/A |  |
| I | Switches for ancillary functions operate as per *design* and *specification*, or in accordance with documentation as detailed in Section 21 (see Section 7). | | | | | Yes |  | No |  | N/A |  |
| J | Ancillary function visual indicators operate. | | | | | Yes |  | No |  | N/A |  |
| K | Manual activation of *alarm signal* and indication operates. | | | | | Yes |  | No |  | N/A |  |
| L | Displays are visual in installed location. | | | | | Yes |  | No |  |  |  |
| M | Multi-line *sequential display* operates as per Section 10.2, where utilized. | | | | | Yes |  | No |  | N/A |  |

## Annunciator or Sequential Display (2)

NOTE 1: See 10.2.

NOTE 2: If the *fire alarm system* DOES utilize remote annunciators, complete this section (22.7) for each *annunciator* or *sequential* display.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| There are no *annunciators* or *sequential displays* on this system | | | |  |  | | | | | | |
| *Annunciator* or *sequential display* location: | | NW Entrance | | | | | | | | | |
| *Annunciator* or *sequential display* identification: | | | NW Entrance Annunciator | | | | | | | | |
| A | Power ‘on’ indicator operates | | | | | Yes |  | No |  | N/A |  |
| B | Individual alarm and supervisory *zone* designation labels are properly identified. | | | | | Yes |  | No |  | N/A |  |
| C | Where individual devices are also annunciated confirm the individual alarm and supervisory indications are properly identified. | | | | | Yes |  | No |  | N/A |  |
| D | Where active and *supporting field devices* are utilized, the device location and programmed device label/descriptor shall be confirmed. | | | | | Yes |  | No |  | N/A |  |
| E | Common *trouble signal* operates. | | | | | Yes |  | No |  | N/A |  |
| F | Visual indicator *test* (lamp *test*) operates. | | | | | Yes |  | No |  | N/A |  |
| G | Input wiring from *control unit* or *transponder* is supervised. | | | | | Yes |  | No |  | N/A |  |
| H | *Alarm signal* silence visual indicator operates. | | | | | Yes |  | No |  | N/A |  |
| I | Switches for ancillary functions operate as per *design* and *specification*, or in accordance with documentation as detailed in Section 21 (see Section 7). | | | | | Yes |  | No |  | N/A |  |
| J | Ancillary function visual indicators operate. | | | | | Yes |  | No |  | N/A |  |
| K | Manual activation of *alarm signal* and indication operates. | | | | | Yes |  | No |  | N/A |  |
| L | Displays are visual in installed location. | | | | | Yes |  | No |  |  |  |
| M | Multi-line *sequential display* operates as per Section 10.2, where utilized. | | | | | Yes |  | No |  | N/A |  |

## Annunciator or Sequential Display (3)

NOTE 1: See 10.2.

NOTE 2: If the *fire alarm system* DOES utilize remote annunciators, complete this section (22.7) for each *annunciator* or *sequential* display.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| There are no *annunciators* or *sequential displays* on this system | | | |  |  | | | | | | |
| *Annunciator* or *sequential display* location: | | CRU 312 Mall Entrance | | | | | | | | | |
| *Annunciator* or *sequential display* identification: | | | CRU 312 Annunciator (Marshalls) | | | | | | | | |
| A | Power ‘on’ indicator operates | | | | | Yes |  | No |  | N/A |  |
| B | Individual alarm and supervisory *zone* designation labels are properly identified. | | | | | Yes |  | No |  | N/A |  |
| C | Where individual devices are also annunciated confirm the individual alarm and supervisory indications are properly identified. | | | | | Yes |  | No |  | N/A |  |
| D | Where active and *supporting field devices* are utilized, the device location and programmed device label/descriptor shall be confirmed. | | | | | Yes |  | No |  | N/A |  |
| E | Common *trouble signal* operates. | | | | | Yes |  | No |  | N/A |  |
| F | Visual indicator *test* (lamp *test*) operates. | | | | | Yes |  | No |  | N/A |  |
| G | Input wiring from *control unit* or *transponder* is supervised. | | | | | Yes |  | No |  | N/A |  |
| H | *Alarm signal* silence visual indicator operates. | | | | | Yes |  | No |  | N/A |  |
| I | Switches for ancillary functions operate as per *design* and *specification*, or in accordance with documentation as detailed in Section 21 (see Section 7). | | | | | Yes |  | No |  | N/A |  |
| J | Ancillary function visual indicators operate. | | | | | Yes |  | No |  | N/A |  |
| K | Manual activation of *alarm signal* and indication operates. | | | | | Yes |  | No |  | N/A |  |
| L | Displays are visual in installed location. | | | | | Yes |  | No |  |  |  |
| M | Multi-line *sequential display* operates as per Section 10.2, where utilized. | | | | | Yes |  | No |  | N/A |  |

## Annunciator or Sequential Display (4)

NOTE 1: See 10.2.

NOTE 2: If the *fire alarm system* DOES utilize remote annunciators, complete this section (22.7) for each *annunciator* or *sequential* display.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| There are no *annunciators* or *sequential displays* on this system | | | |  |  | | | | | | |
| *Annunciator* or *sequential display* location: | | Freshco Main Entrance | | | | | | | | | |
| *Annunciator* or *sequential display* identification: | | | 3-Ann | | | | | | | | |
| A | Power ‘on’ indicator operates | | | | | Yes |  | No |  | N/A |  |
| B | Individual alarm and supervisory *zone* designation labels are properly identified. | | | | | Yes |  | No |  | N/A |  |
| C | Where individual devices are also annunciated confirm the individual alarm and supervisory indications are properly identified. | | | | | Yes |  | No |  | N/A |  |
| D | Where active and *supporting field devices* are utilized, the device location and programmed device label/descriptor shall be confirmed. | | | | | Yes |  | No |  | N/A |  |
| E | Common *trouble signal* operates. | | | | | Yes |  | No |  | N/A |  |
| F | Visual indicator *test* (lamp *test*) operates. | | | | | Yes |  | No |  | N/A |  |
| G | Input wiring from *control unit* or *transponder* is supervised. | | | | | Yes |  | No |  | N/A |  |
| H | *Alarm signal* silence visual indicator operates. | | | | | Yes |  | No |  | N/A |  |
| I | Switches for ancillary functions operate as per *design* and *specification*, or in accordance with documentation as detailed in Section 21 (see Section 7). | | | | | Yes |  | No |  | N/A |  |
| J | Ancillary function visual indicators operate. | | | | | Yes |  | No |  | N/A |  |
| K | Manual activation of *alarm signal* and indication operates. | | | | | Yes |  | No |  | N/A |  |
| L | Displays are visual in installed location. | | | | | Yes |  | No |  |  |  |
| M | Multi-line *sequential display* operates as per Section 10.2, where utilized. | | | | | Yes |  | No |  | N/A |  |

## Remote Trouble Signal Unit Test and Inspection

NOTE: If the *fire alarm system* DOES utilize remote *trouble signal* unit, complete this section (22.8) for each remote *trouble signal* unit.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| There are no remote *trouble signal* units on this system | | | |  |  | | | | |
| Remote *trouble signal* unit location: | | N/A | | | | | | | |
| Remote *trouble signal* unit identification: | | | N/A | | | | | | |
| A | Input wiring from *control unit* or *transponder* is supervised | | | | | Yes |  | No |  |
| B | Visual *trouble signal* operates. | | | | | Yes |  | No |  |
| C | Audible *trouble signal* operates. | | | | | Yes |  | No |  |
| D | Audible *trouble signal* silence operates. | | | | | Yes |  | No |  |

## Printer Test

NOTE: If the *fire alarm system* DOES utilize printers, complete this section (22.9) for each printer unit.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| There are no printers on this system. | | | |  |  | | | | |
| Printer location: | | N/A | | | | | | | |
| Printer identification: | | | N/A | | | | | | |
| A | Operates as per *design* and *specification*, or in accordance with documentation as detailed in Annex D, Description of Fire Alarm System for Inspection and Test Procedures. | | | | | Yes |  | No |  |
| B | Zone of each alarm initiating device is correctly printed. | | | | | Yes |  | No |  |

## Ancillary Device Circuit Test

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Specific type of ancillary *circuit*** | **Ancillary *circuit* powered by:** | | **Operation of ancillary *circuit* confirmed** | | | | **Method of confirmation See Annex A, A22.10** |
| **FACU\* Check if applicable** | **Others specify** |
| CRU 164 CR1 126 |  |  | Yes |  | No |  | Wires Unknown |
| CRU 164 CR2 127 |  |  | Yes |  | No |  | Shuts down audio |
| CRU 162 CR1 128 |  |  | Yes |  | No |  | Shuts down audio |
| CRU 303 CR1 128 |  |  | Yes |  | No |  | Shuts down audio |
| CRU 304 CR1 129 |  |  | Yes |  | No |  | No Wires |
| CRU 161 CR1 129 |  |  | Yes |  | No |  | Shuts down audio |
| CRU 163 CR1 130 |  |  | Yes |  | No |  | Shuts down audio |
| CRU 310 CR1 137 |  |  | Yes |  | No |  | Shuts down audio |
| CRU 310 CR2 195 |  |  | Yes |  | No |  | No Wires |
| CRU 310 CR23 199 |  |  | Yes |  | No |  | Wires Unknown |
| CRU 301B CR1 139 |  |  | Yes |  | No |  | No Wires |
| CRU 301A CR1 140 |  |  | Yes |  | No |  | No Wires |
| BAY F11 CR1 142 |  |  | Yes |  | No |  | No Wires |
| BAY F09 CR1 143 |  |  | Yes |  | No |  | No Wires |
| BAY F01 CR1 144 |  |  | Yes |  | No |  | Shuts down equipment |
| BAY F04 CR1 145 |  |  | Yes |  | No |  | No Wires |
| BAY F02 CR1 146 |  |  | Yes |  | No |  | No Wires |
| BAY F13 CR1 147 |  |  | Yes |  | No |  | No Wires |
| BAY F12 CR1 148 |  |  | Yes |  | No |  | No Wires |
| BAY F03 CR1 152 |  |  | Yes |  | No |  | No Wires |
| BAY F05 CR1 175 |  |  | Yes |  | No |  | No Wires |
| BAY F07 CR1 176 |  |  | Yes |  | No |  | No Wires |
| BAY F06 CR1 177 |  |  | Yes |  | No |  | No Wires |
| BAY F08 CR1 178 |  |  | Yes |  | No |  | No Wires |
| CRU 311 CR1 189 |  |  | Yes |  | No |  | No Wires |
| CRU 232 CR1 387 |  |  | Yes |  | No |  | No Wires |
| CRU 309 CR1 388 |  |  | Yes |  | No |  | No Wires |
| CRU 307 CR1 389 |  |  | Yes |  | No |  | Shuts down audio |
| CRU 305 CR1 390 |  |  | Yes |  | No |  | No Wires |
| CRU 306 CR1 405 |  |  | Yes |  | No |  | No Wires |
| CRU 231 CR1 406 |  |  | Yes |  | No |  | No Wires |
| CRU 208 CR1 |  |  | Yes |  | No |  | Possible RTU |
| CRU 208 CR2 |  |  | Yes |  | No |  | Shuts down audio |
| CRU 208 CR3 |  |  | Yes |  | No |  | Possible RTU |
| CRU 302 CR1 |  |  | Yes |  | No |  | Shuts down audio |
| CRU 302 CR2 |  |  | Yes |  | No |  | No Wires |
| SPRK RM2 CR1 |  |  | Yes |  | No |  | Wires Unkown |
| CRU 312 CR1 |  |  | Yes |  | No |  | No Wires |
| CRU 312 CR2 |  |  | yes |  | No |  | No Wires |
| FACU\* - fire alarm *control unit* | | | | | | | |

NOTE: The tests reported on this Form may not include the actual operational test of ancillary devices, except when noted in the Method of Confirmation column. See Annex A, A22.10.

## Interconnection to the Fire Signal Receiving Centre

NOTE: If the *fire alarm system* DOES have an interconnection to the *fire signal receiving centre,* complete this section (22.11) for each transmitter.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| There are no interconnectors to a Fire *Signal Receiving Centre* on this system. | |  |  | | | | | |
| A | The fire *signal receiving centre* transmitter is integral to the fire alarm *control unit.* | | | | Yes |  | No |  |
| B | Receipt of the fire alarm transmission to the fire *signal receiving centre.* | | | | Yes |  | No |  |
| C | Receipt of the supervisory transmission to the fire *signal receiving centre.* | | | | Yes |  | No |  |
| D | Receipt of the trouble transmission to the fire *signal receiving centre.* | | | | Yes |  | No |  |
| E | Disabling or disconnecting the fire *signal receiving centre* transmitter results in a specific *trouble* *signal* at the *control unit* or transmitter and also transmits a *trouble* signal to the fire *signal receiving centre*. | | | | Yes |  | No |  |
| F | Disabling or disconnecting the fire *signal receiving centre* transmitter transmits a *trouble signal* to the fire *signal receiving centre*. | | | | Yes |  | No |  |
| G | Record the company name and telephone number of the fire *signal receiving centre*. | | | Name: | Quick-way Electric & Security | | | |
| Telephone: | 1-800-561-5433 | | | |
| H | Operation of the fire *signal receiving centre* disconnect means transmits trouble to the fire *signal receiving centre.* | | | | Yes |  | No |  |

# Field Device Records

## Field Device Testing – Legend and Notes

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Device | Description | | | | | Type | Model No. |
| M | Manual Station | | | | | Edwards | SIGA-270P |
| RHT | Heat Detector, Restorable | | | | | Edwards | SIGA-HRS |
| HT | Heat Detector, Non Restorable | | | | |  |  |
| S | Smoke Detector | | | | | Not Applicable | Not Applicable |
| Sensitivity Test Method or Test Equipment: | | | |  |
| Model/Method: |  | | | |
| Manufacturer Sensitivity Range: | | |  | |
| Sensitivity Range: | |  | | |
| Note: CAN/ULC-S529 required range is 0.5 to 4.0%/ft obscuration. Recorded sensitivity measurement units may not be in %/ft depending on the testing method used. | | | | |
| SB | Sounder Base | | | | |  |  |
| RI | Remote Indicator Unit | | | | |  |  |
| DS | Duct Smoke Detector | | | | |  |  |
| - | Other Type of Detector | | | | | Edwards | SIGA-PS SIGA-IPHS |
| SFD | Supporting Field Device (Monitor) | | | | |  |  |
| FS | Sprinkler Flow Switch | | | | |  |  |
| SS | Sprinkler Supervisory Device | | | | |  |  |
| - | Other *Supervisory Devices* (Low Pressure, Low Water, Low Temperature, Power Loss, etc.) | | | | |  |  |
| EM | Fault Isolator | | | | | Edwards | SIGA-IM |
| B | Bell | | | | |  |  |
| H | Horn | | | | | Edwards | G1R-HDVM |
| V | Visible Signal Device | | | | | Edwards | GC-HDVM |
| SP | Cone Type Speaker | | | | |  |  |
| HSP | Horn Type Speaker | | | | |  |  |
| SSS | Suite Silencing Switch | | | | |  |  |
| SSAD | Suite Silencing Audible Device | | | | |  |  |
| AD | Ancillary Device | | | | |  |  |
| ET | Emergency Telephone | | | | |  |  |
| EOL | End-of-Line Resistor | | | | | Edwards | EOL-P1 |

The following notes apply to 23.2, Individual Device Record:

NOTE 1: *Smoke detector sensitivity* confirmed by the control panel or measurement obtained through testing to be recorded in the *measurements* column.

NOTE 2: *Smoke detector* cleaning or replacement date should also be recorded in the *measurements* column.

NOTE 3: Status Change, including time delay, should be recorded in the *measurements* column.

NOTE 4: Duct *smoke detector* pressure differential should be confirmed and recorded in the *measurements* column.

NOTE 5: Transport time of *air sampling type detector* to be confirmed and recorded in the *measurements* column.

NOTE 6: Time delay setting of *water flow device* to be recorded in the *measurements* column.

NOTE 7: Sprinkler supervisory switches cause trouble condition to be annunciated but not an alarm condition.

NOTE 8: Upper and lower pressure setting of *supervisory devices* to be recorded in the *measurements* column.

NOTE 9: Low temperature setting should be recorded in the *measurements* column.

NOTE 10: Identify the specific *ancillary devices* in the *comments* column.

NOTE 11: The date any *field device* is changed should be recorded in the *comments* column.

NOTE 12: Identify correct *field device* operation (eg. alarm, trouble, supervisory, annunciation indication).

NOTE 13: Identify *zone*, circuit number, or address.

NOTE 14: Identify *conventional field device* locations.

NOTE 15: Identify active field device and supporting device, data communication link (DCL), address and location.

NOTE 16: Confirm *field device* free of damage.

NOTE 17: Confirm *field device* free of foreign substance.

NOTE 18: Confirm *field device* mechanically supported independently of the wiring.

NOTE 19: Confirm *field device* protective dust shields or covers removed.

NOTE 20: “Correctly installed” refers to the version of CAN/ULC-S524, Standard for Installation of Fire Alarm Systems, applicable at the time of installation of the device being tested*.*

NOTE 21: *Smoke detectors* that employ sounder bases or activate local audible *signaling* device(s), used in lieu of smoke alarms, to be tested to confirm local sounder operation and annunciation at the control panel, including visible device operation, as applicable, and individually recorded.

NOTE 22: When batteries are replaced in the short-range radio frequency (wireless) devices, battery replacement date to be identified in the *comments* section.

## Individual Device Record

NOTE: Device type can be expressed as an abbreviation per 23.1, Field Device Testing – Legend and Notes.

|  |  |  |  |
| --- | --- | --- | --- |
| Building Name: | Medicine Hat Mall | Date (YYYY-MM-DD): | 2024-10-07 |

| **Device Location** | **Annunciated Device**  **Label/LCD Text**  (If applicable) | **Device Type** | **Requires Service or Missing** | **Circuit Number or Device Address** | **Annunciated FIRE ZONE** | **Correctly Installed** | **Measurements** | **Alarm/Activation Confirmed** | **Annunciator Indication** | **Supervised Circuit Trouble Signal** | **General Alarm Circuit (If Applicable)** | **Comments** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ER 7 DATA RM SMOKE |  | S |  | 12 | Z-4 |  |  |  |  |  |  |  |
| ER 7 SMOKE |  | S |  | 13 | Z-4 |  |  |  |  |  |  |  |
| ER 7 STAIRWELL SMOKE |  | S |  | 14 | Z-4 |  |  |  |  |  |  |  |
| CRU 224 NW SMOKE |  | S |  | 255 | Z-1 |  |  |  |  |  |  |  |
| CRU 224 NE SMOKE |  | S |  | 256 | Z-1 |  |  |  |  |  |  |  |
| CRU 224 SE SMOKE |  | S |  | 257 | Z-1 |  |  |  |  |  |  |  |
| CRU 224 N SMOKE |  | S |  | 259 | Z-1 |  |  |  |  |  |  |  |
| CRU 224 W SMOKE |  | S |  | 260 | Z-1 |  |  |  |  |  |  |  |
| CRU 224 SW SMOKE |  | S |  | 261 | Z-1 |  |  |  |  |  |  |  |
| CRU 111 REAR ELEC RM SMOKE |  | S |  | 261 | Z-1 |  |  |  |  |  |  |  |
| CRU 111 MAIN AREA SMOKE |  | S |  | 262 | Z-1 |  |  |  |  |  |  |  |
| ELECTRICAL RM 7 SMOKE |  | S |  | 259 | Z-7 |  |  |  |  |  |  |  |
| UTILITY RM 6 SPRK RM 1 |  | S |  | 260 | Z-7 |  |  |  |  |  |  |  |
| AHU 207 IN CRU 207 |  | DS |  | 257 | Z-1 |  |  |  |  |  |  |  |
| AHU 206 IN CRU 207 |  | DS |  | 258 | Z-1 |  |  |  |  |  |  |  |
| CRU 118 SPRK RM 2 |  | RHT |  | 23 | Z-2 |  |  |  |  |  |  |  |
| CRU 161 NW EXIT PULL |  | M |  | 131 | Z-4 |  |  |  |  |  |  | 1st Stage |
| CRU 161 NW EXIT GA |  | M |  | 132 | Z-4 |  |  |  |  |  |  | 2nd Stage |
| CRU 163 EXIT |  | M |  | 133 | Z-4 |  |  |  |  |  |  | 1ST Stage |
| CRU 163 GA |  | M |  | 134 | Z-3 |  |  |  |  |  |  | 2nd Stage |
| CRU 312 EXIT PULL TO 3A CORRIDOR |  | M |  | 135 | Z-3 |  |  |  |  |  |  | 1st Stage |
| CRU 312 GA |  | M |  | 136 | Z-3 |  |  |  |  |  |  | 2ND Stage |
| NW LOADING DOCK EXIT PULL ‐MAINT SHOP EXIT |  | M |  | 135 | Z-4 |  |  |  |  |  |  | 1St Stage |
| NW LOADING DOCK EXIT PULL GA |  | M |  | 136 | Z-4 |  |  |  |  |  |  | 2nd Stage |
| MALL ENTRANCE SE EXIT PULL |  | M |  | 137 | Z-4 |  |  |  |  |  |  | 1ST Stage |
| MALL ENTRANCE SE GA |  | M |  | 138 | Z-4 |  |  |  |  |  |  | 2nd Stage |
| MALL ENTRANCE SW PULL |  | M |  | 139 | Z-4 |  |  |  |  |  |  | 1St Stage |
| MALL ENTRANCE SW GA |  | M |  | 140 | Z-4 |  |  |  |  |  |  | 2nd Stage |
| CRU 162 EXIT PULL |  | M |  | 141 | Z-4 |  |  |  |  |  |  | 1St Stage |
| CRU 162 EXIT GA |  | M |  | 142 | Z-4 |  |  |  |  |  |  | 2nd Stage |
| CRU 161 SW EXIT PULL |  | M |  | 143 | Z-4 |  |  |  |  |  |  | 1st Stage |
| CRU 161 SW EXIT GA |  | M |  | 144 | Z-4 |  |  |  |  |  |  | 2nd Stage |
| CRU 164 EXIT PULL |  | M |  | 147 | Z-4 |  |  |  |  |  |  | 1st Stage |
| CRU 164 EXIT GA |  | M |  | 148 | Z-4 |  |  |  |  |  |  | 2nd Stage |
| CRU 312 EXIT PULL EXIT TO MAIN MALL |  | M |  | 149 | Z-3 |  |  |  |  |  |  | 1st Stage |
| CRU 312 EXIT GA |  | M |  | 150 | Z-3 |  |  |  |  |  |  | 2nd Stage |
| CRU 312 SOUTH EXIT PULL |  | M |  | 153 | Z-3 |  |  |  |  |  |  | 1st Stage |
| CRU 312 SOUTH EXIT GA |  | M |  | 154 | Z-3 |  |  |  |  |  |  | 2nd Stage |
| CORRIDOR 3D EXIT PULL |  | M |  | 155 | Z-3 |  |  |  |  |  |  | 1st Stage |
| CORRIDOR 3D EXIT GA |  | M |  | 156 | Z-3 |  |  |  |  |  |  | 2nd Stage |
| S. LOADING DOCK 100B EXIT PULL |  | M |  | 157 | Z-3 |  |  |  |  |  |  | 1st Stage |
| S. LOADING DOCK 100B GA |  | M |  | 158 | Z-3 |  |  |  |  |  |  | 2nd Stage |
| CRU 302 EXIT PULL |  | M |  | 159 | Z-3 |  |  |  |  |  |  | 1st Stage |
| CRU 302 EXIT GA |  | M |  | 160 | Z-3 |  |  |  |  |  |  | 2nd Stage |
| CORRIDOR 3D EAST EXIT PULL |  | M |  | 161 | Z-3 |  |  |  |  |  |  | 1st Stage |
| CORRIDOR 3D EAST GA |  | M |  | 162 | Z-3 |  |  |  |  |  |  | 2nd Stage |
| CRU 311 EXIT PULL (CRU 310) |  | M |  | 163 | Z-3 |  |  |  |  |  |  | 1st Stage |
| CRU 311 EXIT GA |  | M |  | 164 | Z-3 |  |  |  |  |  |  | 2nd Stage |
| CRU 302 EXIT PULL STORAGE W. EXIT |  | M |  | 165 | Z-3 |  |  |  |  |  |  | 1st Stage |
| CRU 302 EXIT GA |  | M |  | 166 | Z-3 |  |  |  |  |  |  | 2nd Stage |
| CRU 163 TO MALL ENTRANCE PULL |  | M |  | 165 | Z-4 |  |  |  |  |  |  | 1st Stage |
| CRU 163 GA |  | M |  | 166 | Z-4 |  |  |  |  |  |  | 2nd Stage |
| SOUTH VESTIBULE EAST PULL |  | M |  | 167 | Z-3 |  |  |  |  |  |  | 1st Stage |
| SOUTH VESTIBULE EAST GA |  | M |  | 168 | Z-3 |  |  |  |  |  |  | 2nd Stage |
| SOUTH VESTIBULE WEST PULL |  | M |  | 169 | Z-3 |  |  |  |  |  |  | 1st Stage |
| SOUTH VESTIBULE WEST GA |  | M |  | 170 | Z-3 |  |  |  |  |  |  | 2nd Stage |
| CORRIDOR 3 C EXIT PULL |  | M |  | 171 | Z-3 |  |  |  |  |  |  | 1st Stage |
| CORRIDOR 3 C EXIT GA |  | M |  | 172 | Z-3 |  |  |  |  |  |  | 2nd Stage |
| LOADING DOCK 115B EXIT PULL |  | M |  | 173 | Z-3 |  |  |  |  |  |  | 1st Stage |
| LOADING DOCK 115B GA |  | M |  | 174 | Z-3 |  |  |  |  |  |  | 2nd Stage |
| CRU 156 EXIT PULL |  | M |  | 174 | Z-5 |  |  |  |  |  |  | 1st Stage |
| CRU 156 EXIT GA |  | M |  | 175 | Z-5 |  |  |  |  |  |  | 2nd Stage |
| CRU 157 EXIT PULL |  | M |  | 176 | Z-5 |  |  |  |  |  |  | 1st Stage |
| CRU 157 EXIT GA |  | M |  | 177 | Z-5 |  |  |  |  |  |  | 2nd Stage |
| CRU 158 WEST EXIT PULL |  | M |  | 178 | Z-5 |  |  |  |  |  |  | 1st Stage |
| CRU 158 WEST EXIT GA |  | M |  | 179 | Z-5 |  |  |  |  |  |  | 2nd Stage |
| CRU 312 EXIT PULL EXIT TO 3A CORRIDOR |  | M |  | 179 | Z-3 |  |  |  |  |  |  | 1st Stage |
| CRU 312 EXIT PULL GA TO 3A CORRIDOR |  | M |  | 180 | Z-3 |  |  |  |  |  |  | 2nd Stage |
| CRU 158 EAST EXIT PULL |  | M |  | 180 | Z-5 |  |  |  |  |  |  | 1st Stage |
| CRU 158 EAST EXIT GA |  | M |  | 181 | Z-5 |  |  |  |  |  |  | 2nd Stage |
| CRU 159 EXIT PULL |  | M |  | 182 | Z-5 |  |  |  |  |  |  | 1st Stage |
| CRU 159 EXIT GA |  | M |  | 183 | Z-5 |  |  |  |  |  |  | 2nd Stage |
| CRU 160 EXIT PULL |  | M |  | 184 | Z-5 |  |  |  |  |  |  | 1st Stage |
| CRU 160 EXIT GA |  | M |  | 185 | Z-5 |  |  |  |  |  |  | 2nd Stage |
| CORRIDOR 5A EXIT PULL |  | M |  | 186 | Z-5 |  |  |  |  |  |  | 1st Stage |
| CORRIDOR 5A EXIT GA |  | M |  | 187 | Z-5 |  |  |  |  |  |  | 2nd Stage |
| CORRIDOR 6A EXIT PULL |  | M |  | 190 | Z-6 |  |  |  |  |  |  | 1st Stage |
| CORRIDOR 6A EXIT GA |  | M |  | 191 | Z-6 |  |  |  |  |  |  | 2nd Stage |
| CORRIDOR 6B VEST EXIT PULL |  | M |  | 192 | Z-6 |  |  |  |  |  |  | 1st Stage |
| CORRIDOR 6B VEST EXIT GA |  | M |  | 193 | Z-6 |  |  |  |  |  |  | 2nd Stage |
| CRU 148 EXIT PULL |  | M |  | 224 | Z-6 |  |  |  |  |  |  | 1st Stage |
| CRU 148 EXIT GA |  | M |  | 225 | Z-6 |  |  |  |  |  |  | 2nd Stage |
| CRU 148 NW EXIT PULL |  | M |  | 198 | Z-6 |  |  |  |  |  |  | 1st Stage |
| CRU 148 NW EXIT GA |  | M |  | 199 | Z-6 |  |  |  |  |  |  | 2nd Stage |
| CORRIDOR 1A EXIT PULL |  | M |  | 200 | Z-1 |  |  |  |  |  |  | 1st Stage |
| CORRIDOR 1A EXIT GA |  | M |  | 201 | Z-1 |  |  |  |  |  |  | 2nd Stage |
| CORRIDOR 1C EXIT PULL |  | M |  | 202 | Z-1 |  |  |  |  |  |  | 1st Stage |
| CORRIDOR 1C EXIT GA |  | M |  | 203 | Z-1 |  |  |  |  |  |  | 2nd Stage |
| ELECT RM 7 EXIT PULL |  | M |  | 204 | Z-1 |  |  |  |  |  |  | 1st Stage |
| ELECT RM 7 EXIT GA |  | M |  | 205 | Z-1 |  |  |  |  |  |  | 2nd Stage |
| ELECT RM 4 |  | M |  | 444 | Z-10 |  |  |  |  |  |  | 1st Stage |
| ELECT RM 4 GA |  | M |  | 445 | Z-10 |  |  |  |  |  |  | 2nd Stage |
| CRU 211 EXIT PULL |  | M |  | 208 | Z-1 |  |  |  |  |  |  | 1st Stage |
| CRU 211 EXIT GA |  | M |  | 209 | Z-1 |  |  |  |  |  |  | 2nd Stage |
| CRU 212 EXIT PULL BELL |  | M |  | 210 | Z-1 |  |  |  |  |  |  | 1st Stage |
| CRU 212 EXIT GA |  | M |  | 211 | Z-1 |  |  |  |  |  |  | 2nd Stage |
| CRU 302 EXIT TO MALL PULL |  | M |  | 211 | Z-3 |  |  |  |  |  |  | 1st Stage |
| CRU 302 EXIT TO MALL GA |  | M |  | 212 | Z-3 |  |  |  |  |  |  | 2nd Stage |
| CRU 233 |  | M |  | 400 | Z-1 |  |  |  |  |  |  | 1st Stage |
| CRU 233 GA |  | M |  | 401 | Z-1 |  |  |  |  |  |  | 2nd Stage |
| CRU 213 EXIT 2 PULL |  | M |  | 214 | Z-1 |  |  |  |  |  |  | 1st Stage |
| CRU 213 EXIT 2 GA |  | M |  | 215 | Z-1 |  |  |  |  |  |  | 2nd Stage |
| CRU 215 EXIT PULL |  | M |  | 216 | Z-1 |  |  |  |  |  |  | 1st Stage |
| CRU 215 EXIT GA |  | M |  | 217 | Z-1 |  |  |  |  |  |  | 2nd Stage |
| CRU 216 EXIT PULL |  | M |  | 218 | Z-1 |  |  |  |  |  |  | 1st Stage |
| CRU 216 EXIT GA |  | M |  | 219 | Z-1 |  |  |  |  |  |  | 2nd Stage |
| CRU 217 EXIT PULL |  | M |  | 220 | Z-1 |  |  |  |  |  |  | 1st Stage |
| CRU 217 EXIT GA |  | M |  | 221 | Z-1 |  |  |  |  |  |  | 2nd Stage |
| CRU 139 B |  | M |  | 469 | Z-9 |  |  |  |  |  |  | 1st Stage |
| CRU 139B GA |  | M |  | 470 | Z-9 |  |  |  |  |  |  | 2nd Stage |
| CRU 310 SE EXIT PULL |  | M |  | 223 | Z-3 |  |  |  |  |  |  | 1st Stage |
| CRU 310 SE EXIT GA |  | M |  | 224 | Z-3 |  |  |  |  |  |  | 2nd Stage |
| CRU 310 NE EXIT PULL |  | M |  | 225 | Z-3 |  |  |  |  |  |  | 1st Stage |
| CRU 310 NE EXIT GA |  | M |  | 226 | Z-3 |  |  |  |  |  |  | 2nd Stage |
| CRU 224 E SMOKE |  | S |  | 253 | Z-1 |  |  |  |  |  |  |  |
| CRU 312 STORAGE HEAT |  | RHT |  | 14 | Z-3 |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| CRU 140 MALL EXIT PULL |  | M |  | 376 | Z-8 |  |  |  |  |  |  | 1st Stage |
| CRU 140 MALL GA |  | M |  | 377 | Z-8 |  |  |  |  |  |  | 2nd Stage |
| CRU 233 EXIT TO CORRIDOR 1D PULL |  | M |  | 378 | Z-1 |  |  |  |  |  |  | 1st Stage |
| CRU 233 EXIT TO CORRIDOR 1D GA |  | M |  | 379 | Z-1 |  |  |  |  |  |  | 2nd Stage |
| CORRIDOR 1D EXIT PULL |  | M |  | 381 | Z-1 |  |  |  |  |  |  | 1st Stage |
| CORRIDOR 1D EXIT GA |  | M |  | 382 | Z-1 |  |  |  |  |  |  | 2nd Stage |
| CORRIDOR 2A EXIT PULL |  | M |  | 391 | Z-2 |  |  |  |  |  |  | 1st Stage |
| CORRIDOR 2A EXIT GA |  | M |  | 392 | Z-2 |  |  |  |  |  |  | 2nd Stage |
| CRU 309 EXIT PULL |  | M |  | 394 | Z-1 |  |  |  |  |  |  | 1st Stage |
| CRU 309 EXIT GA |  | M |  | 395 | Z-1 |  |  |  |  |  |  | 2nd Stage |
| CORRIDOR 128 EAST PULL |  | M |  | 396 | Z-1 |  |  |  |  |  |  | 1st Stage |
| CORRIDOR 128 EAST GA |  | M |  | 397 | Z-1 |  |  |  |  |  |  | 2nd Stage |
| SPRK RM 2 EXIT PULL |  | M |  | 397 | Z-2 |  |  |  |  |  |  | 1st Stage |
| SPRK RM 2 EXIT GA |  | M |  | 398 | Z-2 |  |  |  |  |  |  | 2nd Stage |
| CRU 232 EXIT PULL |  | M |  | 398 | Z-1 |  |  |  |  |  |  | 1st Stage |
| CRU 232 EXIT GA |  | M |  | 399 | Z-1 |  |  |  |  |  |  | 2nd Stage |
| CRU 140 LOADING DOCK EXIT 1 PULL |  | M |  | 401 | Z-8 |  |  |  |  |  |  | 1st Stage |
| CRU 140 LOADING DOCK EXIT 1 GA |  | M |  | 402 | Z-8 |  |  |  |  |  |  | 2nd Stage |
| CRU 140 LOADING DOCK EXIT 2 PULL |  | M |  | 403 | Z-8 |  |  |  |  |  |  | 1st Stage |
| CRU 140 LOADING DOCK EXIT 2 GA |  | M |  | 404 | Z-8 |  |  |  |  |  |  | 2nd Stage |
| CRU 224 EMERG EXIT PULL |  | M |  | 403 | Z-1 |  |  |  |  |  |  | 1st Stage |
| CRU 224 EMERG EXIT GA |  | M |  | 404 | Z-1 |  |  |  |  |  |  | 2nd Stage |
| CRU 140 MAIN EXIT PULL |  | M |  | 405 | Z-8 |  |  |  |  |  |  | 1st Stage |
| CRU 140 MAIN EXIT GA |  | M |  | 406 | Z-8 |  |  |  |  |  |  | 2nd Stage |
| CRU 224 TO MALL EXIT PULL |  | M |  | 407 | Z-1 |  |  |  |  |  |  | 1st Stage |
| CRU 224 TO MALL EXIT GA |  | M |  | 408 | Z-1 |  |  |  |  |  |  | 2nd Stage |
| WEST MALL 101 W EXIT PULL |  | M |  | 412 | Z-9 |  |  |  |  |  |  | 1st Stage |
| WEST MALL 101 W EXIT GA |  | M |  | 413 | Z-9 |  |  |  |  |  |  | 2nd Stage |
| CORRIDOR 10A EXIT PULL |  | M |  | 428 | Z-10 |  |  |  |  |  |  | 1st Stage |
| CORRIDOR 10A EXIT GA |  | M |  | 429 | Z-10 |  |  |  |  |  |  | 2nd Stage |
| CRU 119 EXIT PULL |  | M |  | 432 | Z-7 |  |  |  |  |  |  | 1st Stage |
| CRU 119 EXIT GA |  | M |  | 433 | Z-7 |  |  |  |  |  |  | 2nd Stage |
| CRU 121B EXIT PULL |  | M |  | 434 | Z-10 |  |  |  |  |  |  | 1st Stage |
| CRU 121B EXIT GA |  | M |  | 435 | Z-10 |  |  |  |  |  |  | 2ndStage |
| CRU 121A PULL EXIT |  | M |  | 436 | Z-10 |  |  |  |  |  |  | 1st Stage |
| CRU 121A PULL GA |  | M |  | 437 | Z-10 |  |  |  |  |  |  | 2nd Stage |
| CRU 113 EXIT PULL |  | M |  | 438 | Z-10 |  |  |  |  |  |  | 1st Stage |
| CRU 113 EXIT GA |  | M |  | 439 | Z-10 |  |  |  |  |  |  | 2nd Stage |
| CRU 117 EXIT PULL |  | M |  | 442 | Z-10 |  |  |  |  |  |  | 1st Stage |
| CRU 117 EXIT GA |  | M |  | 443 | Z-10 |  |  |  |  |  |  | 2nd Stage |
| CORRIDOR 10B EXIT PULL |  | M |  | 448 | Z-10 |  |  |  |  |  |  | 1st Stage |
| CORRIDOR 10B EXIT GA |  | M |  | 449 | Z-10 |  |  |  |  |  |  | 2nd Stage |
| CRU 120 EXIT PULL |  | M |  | 450 | Z-10 |  |  |  |  |  |  | 1st stage |
| CRU 120 EXIT GA |  | M |  | 451 | Z-10 |  |  |  |  |  |  | 2nd Stage |
| MALL TO BAY EXIT PULL |  | M |  | 452 | Z-10 |  |  |  |  |  |  | 1st Stage |
| MALL TO BAY EXIT GA |  | M |  | 453 | Z-10 |  |  |  |  |  |  | 2nd Stage |
| NW MALL EXIT PULL |  | M |  | 463 | Z-9 |  |  |  |  |  |  | 1st Stage |
| NW MALL EXIT GA |  | M |  | 464 | Z-9 |  |  |  |  |  |  | 2nd Stage |
| CRU 139A N. EXIT PULL |  | M |  | 465 | Z-9 |  |  |  |  |  |  | 1st Stage |
| CRU 139A N. EXIT GA |  | M |  | 466 | Z-9 |  |  |  |  |  |  | 2nd Stage |
| CRU 139A S. HALL EXIT PULL |  | M |  | 467 | Z-9 |  |  |  |  |  |  | 1st Stage |
| CRU 139A S. HALL EXIT GA |  | M |  | 468 | Z-9 |  |  |  |  |  |  | 2nd Stage |
| SPRK TAMPER EAST ZONE |  | SS |  | 152 | Z-4 |  |  |  |  |  |  | SPRK RM IN MAINTENANCE SHOP SPRK RM 3 |
| SPRK FLOW EAST ZONE |  | FS |  | 163 | Z-4 |  |  |  |  |  |  |  |
| SPRK TAMPER WEST ZONE |  | SS |  | 162 | Z-4 |  |  |  |  |  |  |  |
| SPRK FLOW WEST ZONE |  | FS |  | 153 | Z-4 |  |  |  |  |  |  |  |
| SPRK TAMPER MAIN INCOMING #1 |  | SS |  | 156 | Z-4 |  |  |  |  |  |  |  |
| SPRK TAMPER MAIN INCOMING #2 |  | SS |  | 161 | Z-4 |  |  |  |  |  |  |  |
| SPRK FLOW MAIN INCOMING |  | FS |  | 154 | Z-4 |  |  |  |  |  |  |  |
| SPRK TAMPER DRY SYSTEM LOW AIR |  | SS |  | 160 | Z-4 |  |  |  |  |  |  |  |
| SPRK TAMPER DRY SYATEM VALVE |  | SS |  | 164 | Z-4 |  |  |  |  |  |  |  |
| SPRK FLOW DRY SYSTEM FLOW |  | FS |  | 157 | Z-4 |  |  |  |  |  |  |  |
| NOTRH MALL ENTRANCE CRU 139A |  | SS |  | 414 | Z-9 |  |  |  |  |  |  | SPRK RM BY SHOPPERS MECH RM 103 SPRK RM 4 |
| NORTH MALL ENTRANCE CRU 139A |  | FS |  | 415 | Z-9 |  |  |  |  |  |  |  |
| CRU 139B SPRK TAMPER |  | SS |  | 417 | Z-9 |  |  |  |  |  |  |  |
| CRU 139B SPRK FLOW |  | FS |  | 418 | Z-9 |  |  |  |  |  |  |  |
| FRESHCO SPRK TAMPER |  | SS |  | 141 | Z-24 |  |  |  |  |  |  |  |
| FRESHCO SPRK FLOW |  | FS |  | 142 | Z-24 |  |  |  |  |  |  |  |
| MAIN INCOMING TAMPER |  | SS |  | 460 | Z-9 |  |  |  |  |  |  |  |
| MAIN OUTGOING TAMPER |  | SS |  | 461 | Z-9 |  |  |  |  |  |  |  |
| MAIN INCOING SPRK FLOW |  | FS |  | 462 | Z-9 |  |  |  |  |  |  |  |
| SPRK #1 SPRK TAMPER MAIN INCOMING #2 |  | SS |  | 380 | Z-7 |  |  |  |  |  |  | SPRK RM 1 |
| SPRK #1 SPRK TAMPER BACKFLOW IN |  | SS |  | 381 | Z-7 |  |  |  |  |  |  | (1) AND (2) LABELLED CORRECT BUT BACKWARDS TR |
| SPRK #1 TAMPER FIRE PUMP BYPASS #2 (1) |  | SS |  | 396 | Z-7 |  |  |  |  |  |  |  |
| SPRK #1 FIRE PUMP FLOW |  | FS |  | 399 | Z-7 |  |  |  |  |  |  | TR |
| SPRK #1 SPRK FIRE PUMP FAIL |  | SS |  | 400 | Z-7 |  |  |  |  |  |  |  |
| Z7‐ZONE 5 SPRK RM 1 VALVE 11 |  | SS |  | 411 | Z-7 |  |  |  |  |  |  |  |
| Z7‐ SPRK RM 1 MAIN LOOP |  | SS |  | 416 | Z-7 |  |  |  |  |  |  | TR FROM COVER |
| Z7‐ZONE 5 SPRK RM 1 ‐ SYS 3 FLOW |  | FS |  | 419 | Z-7 |  |  |  |  |  |  | TR |
| Z7‐ZONE 5 SPRK RM 1 – SYS 3 VALVE |  | SS |  | 420 | Z-7 |  |  |  |  |  |  |  |
| Z7‐ZONE 5 SPRK RM 1 – SYS 4 FLOW |  | FS |  | 421 | Z-7 |  |  |  |  |  |  | TR |
| Z7‐ZONE 5 SPRK RM 1 – SYS 4 VALVE |  | SS |  | 422 | Z-7 |  |  |  |  |  |  |  |
| Z7‐ZONE 5 SPRK RM 1 – SYS 1 FLOW |  | FS |  | 423 | Z-7 |  |  |  |  |  |  | TR |
| Z7‐ZONE 5 SPRK RM 1 – SYS 1 VALVE |  | SS |  | 424 | Z-7 |  |  |  |  |  |  |  |
| Z7‐ZONE 5 SPRK RM 1 – SYS 2 FLOW |  | FS |  | 425 | Z-7 |  |  |  |  |  |  | TR |
| Z7‐ZONE 5 SPRK RM 1 – SYS 2 VALVE |  | SS |  | 426 | Z-7 |  |  |  |  |  |  |  |
| Z7‐SPRK RM 1 FIRE HOSE CABINET FLOW |  | FS |  | 427 | Z-7 |  |  |  |  |  |  | TR |
| Z7‐SPRK RM 1 FIRE PUMP RUN |  | SS |  | 430 | Z-7 |  |  |  |  |  |  |  |
| FIRE PUMP DISCHARGE TAMPER |  | SS |  | 446 | Z-7 |  |  |  |  |  |  |  |
| FIRE PUMP TEST HEADER TAMPER VALVE |  | SS |  | 456 | Z-7 |  |  |  |  |  |  |  |
| FIRE PUMP BYPASS #1 TAMPER VALVE (2) |  | SS |  | 457 | Z-7 |  |  |  |  |  |  |  |
| DISCHARGE VALVE 2 SPRK TAMPER |  | SS |  | 458 | Z-7 |  |  |  |  |  |  |  |
| MAIN INCOMING FLOW |  | FS |  | 459 | Z-7 |  |  |  |  |  |  | TR |
| SPRK RM #2 – CRU 302 SPRK TAMPER VALVE |  | SS |  | 182 | Z-2 |  |  |  |  |  |  | ACCESS TO SPRK RM 2 FROM OUTSIDE |
| SPRK RM #2 – CRU 302 SPRK FLOW |  | FS |  | 193 | Z-2 |  |  |  |  |  |  | TPS |
| SPRK RM #2 – LOADING DOCKSPRK LOW AIR |  | SS |  | 183 | Z-2 |  |  |  |  |  |  | TR |
| SPRK RM #2 – CRU 312 SPRK TAMPER VALVE |  | SS |  | 184 | Z-2 |  |  |  |  |  |  |  |
| SPRK RM #2 – CRU 312 SPRK FLOW |  | FS |  | 186 | Z-2 |  |  |  |  |  |  | TPS |
| SPRK RM #2 ‐ ‐FOOD COURT TAMPER VALVE |  | SS |  | 187 | Z-2 |  |  |  |  |  |  |  |
| SPRK RM #2 – FOOD COURT FLOW |  | FS |  | 194 | Z-2 |  |  |  |  |  |  | TPS |
| SPRK RM #2 – LOADING DOCK TAMPER VALVE |  | SS |  | 190 | Z-2 |  |  |  |  |  |  |  |
| SPRK RM #2 – LOADING DOCK FLOW |  | FS |  | 191 | Z-2 |  |  |  |  |  |  | TR |
| SPRK RM – SPARE 3 |  |  |  | 384 | Z-2 |  |  |  |  |  |  | NO WIRES |
| SPRK RM – SPARE 4 |  |  |  | 385 | Z-2 |  |  |  |  |  |  | NO WIRES |
| SPRK RM – SPARE 1 |  |  |  | 392 | Z-2 |  |  |  |  |  |  |  |
| SPRK RM – SPARE 2 |  |  |  | 393 | Z-2 |  |  |  |  |  |  |  |
| FOOD COURT AND TENANT TAMPER VALVE |  | SS |  | 389 | Z-2 |  |  |  |  |  |  |  |
| FOOD COURT AND TENANT FLOW |  | FS |  | 388 | Z-2 |  |  |  |  |  |  | TPS |
| SPRK RM SUPPLY VALVES |  | SS |  | 394 | Z-2 |  |  |  |  |  |  |  |
| SPRK RM SUPPLY VALVES |  | SS |  | 395 | Z-2 |  |  |  |  |  |  |  |
| GLYCOL VALVE 1 – CRU 140 RECIEVING |  | SS |  | 440 | Z-8 |  |  |  |  |  |  |  |
| GLYCOL VALVE 2 – CRU 140 RECIEVING |  | SS |  | 441 | Z-8 |  |  |  |  |  |  |  |
| CRU 164 |  | SFD |  | 151 | Z-4 |  |  |  |  |  |  | CT1 FUTURE USE NO WIRES |
| CRU 161 |  | SFD |  | 155 | Z-4 |  |  |  |  |  |  | CT1 FUTURE USE NO WIRES |
| CRU 163 |  | SFD |  | 158 | Z-4 |  |  |  |  |  |  | CT1 FUTURE USE NO WIRES |
| CRU 162 |  | SFD |  | 159 | Z-4 |  |  |  |  |  |  | CT1 FUTURE USE NO WIRES |
| CRU 301B |  | SFD |  | 186 | Z-3 |  |  |  |  |  |  | CT1 FUTURE USE NO WIRES |
| CRU 303 |  | SFD |  | 188 | Z-3 |  |  |  |  |  |  | CT1 FUTURE USE NO WIRES |
| CRU 301A |  | SFD |  | 192 | Z-3 |  |  |  |  |  |  | CT1 FUTURE USE NO WIRES |
| CRU 311 |  | SFD |  | 196 | Z-3 |  |  |  |  |  |  | CT1 FUTURE USE NO WIRES |
| BAY F3 |  | SFD |  | 197 | Z-3 |  |  |  |  |  |  | CT1 FUTURE USE NO WIRES |
| BAY F2 |  | SFD |  | 198 | Z-3 |  |  |  |  |  |  | CT1 SUPPRESSION ALARM |
| CRU 302 |  | SFD |  | 200 | Z-3 |  |  |  |  |  |  | CT1 FUTURE USE NO WIRES |
| CRU 312 |  | SFD |  | 201 | Z-3 |  |  |  |  |  |  | CT1 FUTURE USE NO WIRES |
| BAY F13 |  | SFD |  | 202 | Z-3 |  |  |  |  |  |  | CT1 SUPPRESSION ALARM |
| BAY F11 |  | SFD |  | 203 | Z-3 |  |  |  |  |  |  | CT1 SUPPRESSION ALARM |
| CRU 310 |  | SFD |  | 204 | Z-3 |  |  |  |  |  |  | CT1 FUTURE USE NO WIRES |
| BAY F9 |  | SFD |  | 205 | Z-3 |  |  |  |  |  |  | CT1 FUTURE USE NO WIRES |
| BAY F7 |  | SFD |  | 206 | Z-3 |  |  |  |  |  |  | CT1 FUTURE USE NO WIRES |
| BAY F6 |  | SFD |  | 207 | Z-3 |  |  |  |  |  |  | CT1 SUPPRESSION ALARM |
| BAY F12 |  | SFD |  | 208 | Z-3 |  |  |  |  |  |  | CT1 SUPPRESSION ALARM |
| BAY F4 |  | SFD |  | 209 | Z-3 |  |  |  |  |  |  | CT1 SUPPRESSION ALARM |
| BAY F5 |  | SFD |  | 210 | Z-3 |  |  |  |  |  |  | CT1 SUPPRESSION ALARM |
| BAY F8 |  | SFD |  | 215 | Z-3 |  |  |  |  |  |  | CT1 FUTURE USE NO WIRES |
| BAY F1 |  | SFD |  | 216 | Z-3 |  |  |  |  |  |  | CT1 SUPPRESSION ALARM |
| CRU 307 |  | SFD |  | 376 | Z-1 |  |  |  |  |  |  | CT1 FUTURE USE NO WIRES |
| CRU 232 |  | SFD |  | 377 | Z-1 |  |  |  |  |  |  | CT1 FUTURE USE NO WIRES |
| CRU 305 |  | SFD |  | 380 | Z-1 |  |  |  |  |  |  | CT1 FUTURE USE NO WIRES |
| CRU 309 |  | SFD |  | 393 | Z-1 |  |  |  |  |  |  | CT1 FUTURE USE NO WIRES |
| CRU 306 |  | SFD |  | 409 | Z-1 |  |  |  |  |  |  | CT1 FUTURE USE NO WIRES |
| CRU 231 |  | SFD |  | 410 | Z-1 |  |  |  |  |  |  | CT1 FUTURE USE NO WIRES |
| MAIN FACP |  | EM |  | 1 | Z-10 |  |  |  |  |  |  | ISO‐SPRINKLER‐RM005 |
| MAIN FACP |  | EM |  | 2 | Z-10 |  |  |  |  |  |  | ISO‐SPRINKLER‐RM006 |
| MAIN FACP |  | EM |  | 3 | Z-10 |  |  |  |  |  |  | ISO‐SPRINKLER‐RM007 |
| MAIN FACP |  | EM |  | 251 | Z-10 |  |  |  |  |  |  | NODE 1 ISO 1 |
| MAIN FACP |  | EM |  | 252 | Z-10 |  |  |  |  |  |  | NODE 1 ISO 2 |
| MAIN FACP |  | EM |  | 253 | Z-10 |  |  |  |  |  |  | NODE 1 ISO 3 |
| MAIN FACP |  | EM |  | 254 | Z-10 |  |  |  |  |  |  | NODE 1 ISO 4 |
| MAIN FACP |  | EM |  | 255 | Z-10 |  |  |  |  |  |  | NODE 1 ISO 5 |
| MAIN FACP |  | EM |  | 256 | Z-10 |  |  |  |  |  |  | NODE 1 ISO 6 |
| F1 ‐ A&W |  | EM |  | 1 | Z-3 |  |  |  |  |  |  |  |
| SOUTH LOADING DOCK |  | EM |  | 2 | Z-3 |  |  |  |  |  |  |  |
| CRU 304 |  | EM |  | 3 | Z-3 |  |  |  |  |  |  |  |
| CRU 302‐ EL RM |  | EM |  | 4 | Z-3 |  |  |  |  |  |  | DATE TO STORAGE OUT LEFT |
| CRU 302‐ EL RM |  | EM |  | 5 | Z-3 |  |  |  |  |  |  | DATE TO STORAGE IN RIGHT |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ROOM 104 ELECTRICAL ROOM |  | EM |  | 7 | Z-1 |  |  |  |  |  |  | ISO#2 |
| CRU 303 |  | EM |  | 8 | Z-3 |  |  |  |  |  |  |  |
| CRU 302 |  | EM |  | 9 | Z-3 |  |  |  |  |  |  |  |
| CRU 312 |  | EM |  | 10 | Z-3 |  |  |  |  |  |  |  |
| HALLWAY 3C – BY EXIT |  | EM |  | 11 | Z-3 |  |  |  |  |  |  | ISO #1 |
| HALLWAY 3C – BY EXIT |  | EM |  | 17 | Z-3 |  |  |  |  |  |  | ISO#2 |
| CRU 310 ‐ |  | EM |  | 12 | Z-3 |  |  |  |  |  |  |  |
| F1 |  | EM |  | 13 | Z-3 |  |  |  |  |  |  |  |
| CRU 301A |  | EM |  | 15 | Z-3 |  |  |  |  |  |  |  |
| ROOM 118 OS SPRINKLER ROOM |  | EM |  | 16 | Z-2 |  |  |  |  |  |  |  |
| ROOM 118 OS SPRINKLER ROOM |  | EM |  | 18 | Z-2 |  |  |  |  |  |  |  |
| HALLWAY 3B – BY ROOM 120 |  | EM |  | 19 | Z-2 |  |  |  |  |  |  |  |
| ROOM 106 |  | EM |  | 20 | Z-1 |  |  |  |  |  |  |  |
| ROOM 104 ELECT RM |  | EM |  | 21 | Z-1 |  |  |  |  |  |  |  |
| ROOM 104 ELECTRICAL ROOM |  | EM |  | 251 | Z-1 |  |  |  |  |  |  | OUT ISO |
| ROOM 104 ELECTRICAL ROOM |  | EM |  | 254 | Z-1 |  |  |  |  |  |  | IN ISO |
| CRU 305 |  | EM |  | 252 | Z-1 |  |  |  |  |  |  |  |
| CRU 306 |  | EM |  | 258 | Z-1 |  |  |  |  |  |  |  |
| CRU 232 |  | EM |  | 262 | Z-1 |  |  |  |  |  |  |  |
| CRU 224 - EAST |  | EM |  | 263 | Z-1 |  |  |  |  |  |  |  |
| CRU 224 ‐ SOUTH |  | EM |  | 264 | Z-1 |  |  |  |  |  |  |  |
| CRU 231 |  | EM |  | 265 | Z-1 |  |  |  |  |  |  |  |
| EL RM #7 ABOVE MAINT |  | EM |  | 01 | Z-4 |  |  |  |  |  |  |  |
| CRU 162 |  | EM |  | 02 | Z-4 |  |  |  |  |  |  |  |
| CRU 162 |  | EM |  | 03 | Z-4 |  |  |  |  |  |  |  |
| CRU 162 |  | EM |  | 07 | Z-4 |  |  |  |  |  |  |  |
| SPRINKLER ROOM ‐ MAINT SHOP |  | EM |  | 04 | Z-4 |  |  |  |  |  |  |  |
| SPRINKLER ROOM ‐ MAINT SHOP |  | EM |  | 05 | Z-4 |  |  |  |  |  |  |  |
| NW LOADING DOCK‐ BY MAINT RM EXIT |  | EM |  | 06 | Z-4 |  |  |  |  |  |  |  |
| CRU 161‐ ABOVE PULL |  | EM |  | 08 | Z-4 |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| EL RM 7 STAIRWELL |  | EM |  | 10 | Z-4 |  |  |  |  |  |  |  |
| EL RM 7 STAIRWELL |  | EM |  | 11 | Z-4 |  |  |  |  |  |  |  |
| PANEL 12 – EL RM 7 |  | EM |  | 17 | Z-4 |  |  |  |  |  |  | FACP ISO |
| PANEL 12 – EL RM 7 |  | EM |  | 20 | Z-4 |  |  |  |  |  |  | FACP ISO |
| CRU 312 EL RM |  | EM |  | 14 | Z-3 |  |  |  |  |  |  | HEAT |
| FRESHCO SW |  | EM |  | 264 | Z-24 |  |  |  |  |  |  | BY STORAGE SHELVES |
| FRESHCO E |  | EM |  | 265 | Z-24 |  |  |  |  |  |  |  |
| CRU 139B SW |  | EM |  | 266 | Z-9 |  |  |  |  |  |  | ADJACENT TO PANEL WALL |
| CRU 139A SE VESTIBULE |  | EM |  | 263 | Z-9 |  |  |  |  |  |  | BACK HALL VESTIBULE ACROSS FROM ELECT 105 |
| ZONE 3 EAST GARAGE by 3B hallway HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| ZONE 3 EAST GARAGE by 3B hallway HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 309‐ #1 telize HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 309‐ #1 telize HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 309‐ #2 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 309‐ #2 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 233 – safeway pharmacy HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 233 – safeway pharmacy HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 232‐ safeway pharmacy HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 232‐ safeway pharmacy HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 224‐ xscape HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 224‐ xscape HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 218‐bath and body HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 218‐bath and body HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 208‐ richardsons HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 208‐ richardsons HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 304 #1‐ la vie HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 304 #1‐ la vie HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 304 #2‐ la vie HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 304 #2‐ la vie HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| SPRINKLER ROOM #2 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| SPRINKLER ROOM #2 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| FOOD COURT WASHROOM ENT HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| FOOD COURT WASHROOM ENT HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| FOOD COURT MENS WASHROOM HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| FOOD COURT MENS WASHROOM HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| FOOD COURT LADIES WASHROOM HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| FOOD COURT LADIES WASHROOM HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 302‐ #1 ‐homesense HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 302‐ #1 ‐homesense HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 302‐ #2 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 302‐ #2 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE 301A ‐oshkosh HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE 301A ‐oshkosh HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE 312 ‐marshalls HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE 312 ‐marshalls HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE 301B‐ mobile klinik HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE 301B‐ mobile klinik HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 302‐ #3 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 302‐ #3 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 302‐#4 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 302‐#4 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 303 ‐mountain warehouse HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 303 ‐mountain warehouse HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE FC‐1 ‐a&w HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE FC‐1 ‐a&w HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE FC‐3‐ tIm hortons HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE FC‐3‐ tIm hortons HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE FC‐4 ‐new york fries HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE FC‐4 ‐new york fries HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE FC‐7 ‐ subway HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE FC‐7 ‐ subway HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE FC‐9 ‐vacant HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE FC‐9 ‐vacant HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE FC‐11 ‐opa HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE FC‐11 ‐opa HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE FC‐13 – sizziling wok HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE FC‐13 – sizziling wok HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| FOOD COURT DINING CEILING #1 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| FOOD COURT DINING CEILING #1 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| FOOD COURT DINING CEILING #2 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| FOOD COURT DINING CEILING #2 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| FOOD COURT DINING CEILING #3 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| FOOD COURT DINING CEILING #3 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| FOOD COURT DINING CEILING #4 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| FOOD COURT DINING CEILING #4 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| FC‐1 ‐a&w HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| FC‐1 ‐a&w HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| FC‐2 ‐edo HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| FC‐2 ‐edo HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| FC‐3 ‐tim hortons HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| FC‐3 ‐tim hortons HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| FC‐4 ‐new york fries HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| FC‐4 ‐new york fries HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| FC‐5 ‐kfc HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| FC‐5 ‐kfc HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| FC‐6 ‐taco time HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| FC‐6 ‐taco time HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| FC‐7 ‐subway HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| FC‐7 ‐subway HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| FC‐8 ‐vacant HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| FC‐8 ‐vacant HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| FC‐9 ‐vacant HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| FC‐9 ‐vacant HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| FC‐11 ‐opa HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| FC‐11 ‐opa HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| FC‐12 ‐sizziling wok HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| FC‐12 ‐sizziling wok HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| ELECTRICAL ROOM 120 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| ELECTRICAL ROOM 120 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR 3B ‐OUTSIDE ER 120 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR 3B ‐OUTSIDE ER 120 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR 3B ‐OUTSIDE F‐7 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR 3B ‐OUTSIDE F‐7 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR 3B ‐OUTSIDE F‐5 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR 3B ‐OUTSIDE F‐5 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| EAST LOADING DOCK HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| EAST LOADING DOCK HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| EAST GARBAGE ROOM HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| EAST GARBAGE ROOM HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR 3A ‐OUTSIDE F‐1 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR 3A ‐OUTSIDE F‐1 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR 3A ‐OUTSIDE F‐4 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR 3A ‐OUTSIDE F‐4 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR 3A ‐OUTSIDE 312 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR 3D ‐EAST HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR 3D ‐EAST HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR 3D ‐WEST HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR 3D ‐WEST HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR 3D ‐OUTSIDE LOADING DOCK HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR 3D ‐OUTSIDE LOADING DOCK HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR 3D ‐OUTSIDE 302 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR 3D ‐OUTSIDE 302 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR 3C ‐OUTSIDE 301A HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR 3C ‐OUTSIDE 301A HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR 3C – EXIT HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR 3C – EXIT HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| ZONE 3 WEST LOADING DOCK HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| ZONE 3 WEST LOADING DOCK HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR 1A ‐NORTH HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR 1A ‐NORTH HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR 1A ‐SOUTH HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR 1A ‐SOUTH HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR 1C HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR 1C HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR 1D HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR 1D HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR 2A HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR 2A HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR 1B – OUTSIDE CRU 206 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR 1B – OUTSIDE CRU 206 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR 1B ‐OUTSIDE CRU 303 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR 1B ‐OUTSIDE CRU 303 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR 1B ‐OUTSIDE CRU 106 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR 1B ‐OUTSIDE CRU 106 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| ELECTRICAL ROOM 104 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| ELECTRICAL ROOM 104 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| TELEPHONE ROOM 103 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| TELEPHONE ROOM 103 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| STORAGE ROOM 105 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| STORAGE ROOM 105 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR 10A ‐OUTSIDE CRU 128 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR 10A ‐OUTSIDE CRU 128 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR 10A ‐OUTSIDE CRU 124 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR 10A ‐OUTSIDE CRU 124 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR 10A ‐OUTSIDE CRU 139 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR 10A ‐OUTSIDE CRU 139 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR 10 B HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR 10 B HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR 6A ‐OUTSIDE CRU 148 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR 6A ‐OUTSIDE CRU 148 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR 6A ‐SOUTH HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR 6A ‐SOUTH HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR 6B HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR 6B HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| ZONE 6 SOUTH VESTIBULE HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| ZONE 6 SOUTH VESTIBULE HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 139 ‐safeway HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 139 ‐safeway HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 140‐ shoppers HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 140‐ shoppers HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 133 ‐vacant HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 133 ‐vacant HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 129 ‐michael hill HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 129 ‐michael hill HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 128 ‐ricki’s HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 128 ‐ricki’s HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 126 ‐vacant HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 126 ‐vacant HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 124‐ boathouse HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 124‐ boathouse HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 215‐ jenny’s HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 215‐ jenny’s HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 204‐ jersey city HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 204‐ jersey city HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 114‐ charm diamonds HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 114‐ charm diamonds HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 156‐ vacant HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 156‐ vacant HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 158‐ garage HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 158‐ garage HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 162 #1‐ ardenes HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 162 #1‐ ardenes HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 162 #2‐ ardenes HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 162 #2‐ ardenes HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 163‐ old navy HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 163‐ old navy HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR 5A by WASHROOMS HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR 5A by WASHROOMS HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| MENS WASHROOM by corr 5A HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| MENS WASHROOM by corr 5A HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| LADIES WASHROOMS by corr 5A HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| LADIES WASHROOMS by corr 5A HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| VESTIBULE TO CORR 5A HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| VESTIBULE TO CORR 5A HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR 4A ‐#1 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR 4A ‐#1 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR 4A‐#2 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR 4A‐#2 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| STORAGE ROOM‐ corr 4A HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| STORAGE ROOM‐ corr 4A HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| WORK SHOP HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| WORK SHOP HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR 4A to CRU 161 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR 4A to CRU 161 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| ELECTRICAL ROOM #7 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| ELECTRICAL ROOM #7 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| DATA ROOM (el rm #7) HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| DATA ROOM (el rm #7) HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 161‐ #1 on ceiling ‐vacant HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 161‐ #1 on ceiling ‐vacant HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 161‐ #2 on ceiling‐ vacant HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 161‐ #2 on ceiling‐ vacant HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 312 ‐MARSHALLS ‐dressing rm common area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 312 ‐MARSHALLS ‐dressing rm common area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐ womans change room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐ womans change room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐mens change room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐mens change room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐office hallway HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐office hallway HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐outside mens washroom HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐outside mens washroom HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐bathroom hallway HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐bathroom hallway HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐staffroom HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐staffroom HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐warehouse HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐warehouse HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐shopping carts HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐shopping carts HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐shoes HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐shoes HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU312‐mens outer wear HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU312‐mens outer wear HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐ MARSHALLS‐ mens active wear HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐ MARSHALLS‐ mens active wear HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐ladies wears HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐ladies wears HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐cash desk HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐cash desk HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐ladies active wear HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐ladies active wear HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐lingerie HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐lingerie HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐ladies accessories HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐ladies accessories HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐ladies skin care HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐ladies skin care HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐babies wear HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐babies wear HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐dressing rm sitting area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐dressing rm sitting area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐pets HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐pets HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐houseware HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐houseware HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐ MARSHALLS‐ clearance HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 312‐ MARSHALLS‐ clearance HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 301A‐ OSHKOSH‐ front HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 301A‐ OSHKOSH‐ front HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 301A‐ back HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 301A‐ back HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 301B‐ MOBILE KLINIK HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 301B‐ MOBILE KLINIK HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 301B HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 301B HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 303‐ MOUNTAIN WAREHOUSE‐ front HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 303‐ MOUNTAIN WAREHOUSE‐ front HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 303‐ back HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 303‐ back HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 304‐ LA VIE EN ROSE‐front sales HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 304‐ LA VIE EN ROSE‐front sales HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 304‐back sales HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 304‐back sales HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 304‐storage HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 304‐storage HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 304‐change rooms HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 304‐change rooms HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 302‐ HOMESENSE‐ front entrance HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 302‐ HOMESENSE‐ front entrance HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 302‐ cash desk HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 302‐ cash desk HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 302‐ decor HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 302‐ decor HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 302‐ dishes HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 302‐ dishes HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU302‐ gallery HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU302‐ gallery HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 302‐ bed and bath HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 302‐ bed and bath HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 302‐ furniture HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 302‐ furniture HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 302‐show area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 302‐show area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 302‐ household HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 302‐ household HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 302‐ warehouse north HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 302‐ warehouse north HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 302‐ warehouse center HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 302‐ warehouse center HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 302 HOMESENSE‐ warehouse south HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 302 HOMESENSE‐ warehouse south HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 302‐ hall to staff room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 302‐ hall to staff room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 302‐ staff room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 302‐ staff room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 144‐ sunrise records HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 144‐ sunrise records HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 152‐ merle norman HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CORR OUTSIDE CRU 152‐ merle norman HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 310‐ vacant HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 310‐ vacant HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 310 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 310 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 310 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 310 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 310 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 310 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 307‐ SHAW‐ sales area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 307‐ SHAW‐ sales area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 307‐ sales area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 307‐ sales area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 307‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 307‐ store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 232/233‐SAFEWAY PAHARMACY‐sales area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 232/233‐SAFEWAY PAHARMACY‐sales area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 232/233‐ pharmacy front area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 232/233‐ pharmacy front area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 232/233‐ pharmacy back area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 232/233‐ pharmacy back area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 232/233‐ staff room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 232/233‐ staff room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 232‐ washroom HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 232‐ washroom HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 208‐ RICHARDSONS‐office HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 208‐ RICHARDSONS‐office HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 224‐XSCAPE‐entrance HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 224‐XSCAPE‐entrance HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 224‐ emergency exit HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 224‐ emergency exit HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 224‐ to cineplex HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 224‐ to cineplex HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 217/218‐BATH & BODY‐ sales floor HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 217/218‐BATH & BODY‐ sales floor HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 217/218‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 217/218‐ store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 216‐ QUARKS‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 216‐ QUARKS‐ store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 206‐ ZUMIEZ HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 206‐ ZUMIEZ HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 215‐ JENNYS‐store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 215‐ JENNYS‐store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 205‐ KURVES‐ sales area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 205‐ KURVES‐ sales area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 204‐ JERSEY CITY‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 204‐ JERSEY CITY‐ store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 203‐ BENTLY‐ sales area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 203‐ BENTLY‐ sales area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 213‐vacant‐ sales area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 213‐vacant‐ sales area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 213‐store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 213‐store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 212‐ BELL‐store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 212‐ BELL‐store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 211‐vacant‐ sales area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 211‐vacant‐ sales area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 211‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 211‐ store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 202‐ CHOICE CUTS‐ HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 202‐ CHOICE CUTS‐ HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 113 ‐CIBC‐ back room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 113 ‐CIBC‐ back room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 201‐ CLAIRES‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 201‐ CLAIRES‐ store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 112A ‐vacant‐ sales area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 112A ‐vacant‐ sales area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 114‐ CHARM DIAMOND‐ sales area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 114‐ CHARM DIAMOND‐ sales area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 113‐ CIBC‐ common area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 113‐ CIBC‐ common area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 128‐ RICKIS‐ front sales right HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 128‐ front sales left HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 128‐ front sales left |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 128‐ center sales right HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 128‐ center sales right |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 128‐ center sales left HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 128‐ rear sale right HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 128‐ rear sales left HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 128‐ rear sales left HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 128‐ change room right HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 128‐ change room right HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 128‐ change room left HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 128 – above elec panel HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 128‐ rear exit HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 128‐ rear exit HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 116‐ EB GAMES‐ sales area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 116‐ EB GAMES‐ sales area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 116‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 116‐ store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 117‐ BLUENOTES‐ sales area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 117‐ BLUENOTES‐ sales area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 117‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 117‐ store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 127‐BOOTLEGGER‐ front sales area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 127‐BOOTLEGGER‐ front sales area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 127‐ center sales area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 127‐ center sales area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 127 ‐rear sales area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 127 ‐rear sales area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 127‐ store room right HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 127‐ store room right HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 127‐ store room left HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 127‐ store room left HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 127‐ change rooms HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 127‐ change rooms HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 126‐ vacant‐sales area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 126‐ vacant‐sales area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU‐126‐store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU‐126‐store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU‐ 119‐ vacant‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU‐ 119‐ vacant‐ store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 119‐ vacant‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 119‐ vacant‐ store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 120‐ U KIDS ‐sales area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 120‐ U KIDS ‐sales area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 120‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 120‐ store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 121A‐ GAMES GALORE‐store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 121A‐ GAMES GALORE‐store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 121B‐ SPENCERS‐ sales area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 121B‐ SPENCERS‐ sales area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 121B‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 121B‐ store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 121B‐ washroom HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 124‐ BOATHOUSE‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 124‐ BOATHOUSE‐store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 123‐ vacant‐ sales area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 123‐ vacant‐ sales area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 123D‐ SECURITY OFFICE‐ back room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 123D‐ SECURITY OFFICE‐ back room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| ELECTRICAL ROOM #7 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  | Outside access via hallway 1C |
| ELECTRICAL ROOM #7 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| ELECTRICAL ROOM ‐hallway 10A |  | H |  |  |  |  |  |  |  |  |  |  |
| ELECTRICAL ROOM #4‐ hallway 10A HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| ELECTRICAL ROOM #4‐ hallway 10A HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 131‐ vacant‐store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 131‐ vacant‐store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 132‐ GUEST SERVICES HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 132‐ GUEST SERVICES HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 133‐ vacant‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 133‐ vacant‐ store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 150‐ QUILTS‐ sales area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 150‐ QUILTS‐ sales area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 150‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 150‐ store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 148‐vacant‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 148‐vacant‐ store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| Cru 148‐ vacant‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| Cru 148‐ vacant‐ store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 147‐ COLES BOOKS – sales area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 147‐ COLES BOOKS – sales area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 147‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 147‐ store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 146‐ SPORTS EXPERTS‐store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 146‐ SPORTS EXPERTS‐store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 146‐SPORTS EXPERTS‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 146‐SPORTS EXPERTS‐ store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 144‐SUNRISE RECORDS‐ sales area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 144‐SUNRISE RECORDS‐ sales area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 144‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 144‐ store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 143‐ REPAIR SHOP‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 143‐ REPAIR SHOP‐ store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 142‐ CLINIC‐ common area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 142‐ CLINIC‐ common area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 142‐ back room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 142‐ back room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 134‐ vacant HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 134‐ vacant HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 136‐ SHOWCASE‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 136‐ SHOWCASE‐ store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 137‐ MODERN BARBER‐ back area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 137‐ MODERN BARBER‐ back area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 138‐ KIDS ZONE‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 138‐ KIDS ZONE‐ store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 145‐ vacant‐ restaurant HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 145‐ vacant‐ restaurant HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 140‐ SHOPPERS DRUG MART‐ isle 7 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 140‐ SHOPPERS DRUG MART‐ isle 7 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 140‐ isle 3 HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 140‐ isle 3 HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 140‐ magazines books HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 140‐ magazines books HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 140‐ cashiers HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 140‐ cashiers HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 140‐ warehouse HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 140‐ warehouse HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 140‐ loading docks HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 140‐ loading docks HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 108‐ WEST‐ sales area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 108‐ WEST‐ sales area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| Cru 106‐ SOFT MOC‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| Cru 106‐ SOFT MOC‐ store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 106‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 106‐ store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 151‐ PEOPLES JEWELERY‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 151‐ PEOPLES JEWELERY‐ store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 152‐ MERLE NORMAN‐ back area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 152‐ MERLE NORMAN‐ back area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 153‐ VACANT‐ back area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 153‐ VACANT‐ back area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 153‐ back area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 153‐ back area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 156‐ VACANT‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 156‐ VACANT‐ store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 156‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 156‐ store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 157‐ BOUTIQUE OF LEATHER‐ sales area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 157‐ BOUTIQUE OF LEATHER‐ sales area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 157‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 157‐ store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 158‐ GARAGE‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 158‐ GARAGE‐ store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 158‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 158‐ store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 154/155‐ TIP TOP‐ sales area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 154/155‐ TIP TOP‐ sales area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| Cru 159‐ vacant‐ front area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| Cru 159‐ vacant‐ front area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 164‐ DOLLER STORE‐ sales floor SW HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 164‐ DOLLER STORE‐ sales floor SW HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 164‐ sales floor NW HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 164‐ sales floor NW HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 164‐ sales floor SE HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 164‐ sales floor SE HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 164‐ sales floor NE HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 164‐ sales floor NE HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 164‐ storage room S HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 164‐ storage room S HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 164‐ storage room N HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 164‐ storage room N HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 164‐ washroom #1 |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 164‐ washroom #2 |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 160‐ ADMIN OFFICES ‐front area HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 160‐ ADMIN OFFICES ‐front area HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 160‐ back hallway HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 160‐ back hallway HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 162‐ ARDENES‐ sales floor ‐front left HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 162‐ ARDENES‐ sales floor ‐front left HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 162‐ sales floor‐ back left HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 162‐ sales floor‐ back left HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 162‐ ARDENES‐ sales floor‐ back center HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 162‐ ARDENES‐ sales floor‐ back center HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 162‐ sales floor‐ front right HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 162‐ sales floor‐ front right HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 162‐ sales floor‐ back right HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 162‐ sales floor‐ back right HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 162‐ store room‐ left HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 162‐ store room‐ left HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 162‐ store room‐ right HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 162‐ store room‐ right HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 163‐ OLD NAVY‐ sales floor‐ front left HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 163‐ OLD NAVY‐ sales floor‐ front left HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 163‐ sales floor‐ back left HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 163‐ sales floor‐ back left HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 163‐ sales floor‐ front right HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 163‐ sales floor‐ front right HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 163‐ sales floor‐ back right HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 163‐ sales floor‐ back right HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 163‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 163‐ store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 163‐ store room HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 163‐ store room HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 163‐ OLD NAVY‐ office HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 163‐ OLD NAVY‐ office HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 163‐ office hallway HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 163‐ office hallway HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 163‐ washroom hall HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 163‐ washroom hall HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 163‐ washroom HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 163‐ washroom HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 163‐ washroom HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 163‐ washroom HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| CRU 163‐ fitting rooms HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| CRU 163‐ fitting rooms HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| SECTION B PUMP RM HORN/STROBE - HORN TEST |  | H |  |  |  |  |  |  |  |  |  |  |
| SECTION B PUMP RM HORN/STROBE - STROBE TEST |  | V |  |  |  |  |  |  |  |  |  |  |
| BOOSTER 1 ‐NAC 1 |  | EOL |  | B1 |  |  |  |  |  |  |  | OPEN/GR |
| BOOSTER 1 ‐NAC2 |  | EOL |  | B1 |  |  |  |  |  |  |  |  |
| BOOSTER 1 ‐NAC 3 |  | EOL |  | B1 |  |  |  |  |  |  |  |  |
| BOOSTER 1 ‐NAC4 |  | EOL |  | B1 |  |  |  |  |  |  |  |  |
| BOOSTER 2 ‐NAC 1 |  | EOL |  | B2 |  |  |  |  |  |  |  | NEED 6’ LADDER |
| BOOSTER 2 ‐NAC2 |  | EOL |  | B2 |  |  |  |  |  |  |  | “ |
| BOOSTER 2 ‐NAC 3 |  | EOL |  | B2 |  |  |  |  |  |  |  | “ |
| BOOSTER 2 ‐NAC4 |  | EOL |  | B2 |  |  |  |  |  |  |  |  |
| BOOSTER 3 ‐NAC1 |  | EOL |  | B3 |  |  |  |  |  |  |  |  |
| BOOSTER 3 ‐NAC2 |  | EOL |  | B3 |  |  |  |  |  |  |  |  |
| BOOSTER 3 ‐NAC3 |  | EOL |  | B3 |  |  |  |  |  |  |  | NEED 6’ LADDER |
| BOOSTER 3 ‐NAC4 |  | EOL |  | B3 |  |  |  |  |  |  |  |  |
| BOOSTER 4 ‐NAC1 |  | EOL |  | B4 |  |  |  |  |  |  |  |  |
| BOOSTER 4 ‐NAC2 |  | EOL |  | B4 |  |  |  |  |  |  |  |  |
| BOOSTER 4 ‐NAC3 |  | EOL |  | B4 |  |  |  |  |  |  |  | BY NW MALL ENTRANCE |
| BOOSTER 4 ‐NAC4 |  | EOL |  | B4 |  |  |  |  |  |  |  |  |
| BOOSTER 5‐NAC1 |  | EOL |  | B5 |  |  |  |  |  |  |  |  |
| BOOSTER 5 ‐NAC2 |  | EOL |  | B5 |  |  |  |  |  |  |  |  |
| BOOSTER 5 ‐NAC3 |  | EOL |  | B5 |  |  |  |  |  |  |  |  |
| BOOSTER 5‐NAC4 |  | EOL |  | B5 |  |  |  |  |  |  |  |  |
| ZONE 1 (VIS) CRU 312 booster |  | EOL |  | ZONE1 |  |  |  |  |  |  |  |  |
| VIS 12 |  | EOL |  | VIS 12 |  |  |  |  |  |  |  |  |
| AUD 15 CRU 312 booster |  | EOL |  | AUD 15 |  |  |  |  |  |  |  |  |
| BOOSTER 6 NAC 1 |  | EOL |  | B6 |  |  |  |  |  |  |  |  |
| BOOSTER 6 ‐NAC 2 CRU 151 |  | EOL |  | B6 |  |  |  |  |  |  |  |  |
| BOOSTER 6 ‐NAC 3 CRU 158 – |  | EOL |  | B6 |  |  |  |  |  |  |  |  |
| BOOSTER 6 ‐NAC 4 SPARE |  |  |  |  |  |  |  |  |  |  |  |  |
| BOOSTER 7 ‐NAC 1 CRU 218 |  | EOL |  | B7 |  |  |  |  |  |  |  |  |
| BOOSTER 7 – NAC 2 |  | EOL |  | B7 |  |  |  |  |  |  |  | OLD PADDELIN SECRURITY OFFICE LABELLED NAC 1 BUT WRONG |
| BOOSTER 7 ‐NAC 3 SPARE |  |  |  |  |  |  |  |  |  |  |  |  |
| BOOSTER 7 ‐NAC4 SPARE |  |  |  |  |  |  |  |  |  |  |  |  |
| BOOSTER ZONE 7 ‐NAC1 |  | EOL |  | B302 |  |  |  |  |  |  |  | Storage room wall by double doors |
| BOOSTER ZONE 7 ‐NAC2 |  | EOL |  | B302 |  |  |  |  |  |  |  | Hallway by washrooms |
| BOOSTER ZONE 8 ‐NAC1 |  | EOL |  | B302 |  |  |  |  |  |  |  | Hallway by washrooms |
| BOOSTER ZONE 8 ‐NAC2 |  | EOL |  | B302 |  |  |  |  |  |  |  | Front of store by annunciator |
| VIS 1 ‐ hallway 1A |  | EOL |  | VIS 1 |  |  |  |  |  |  |  |  |
| VIS 2 |  | EOL |  | VIS 2 |  |  |  |  |  |  |  |  |
| VIS 3 – EL RM 7‐ BOOSTER 5‐ sense 1 out |  | EOL |  | VIS 3 |  |  |  |  |  |  |  | Booster 5 part of VIS 3 circuit |
| VIS 4 – CRU 123 Guest services‐ side wall |  | EOL |  | VIS 4 |  |  |  |  |  |  |  | Booster 4 part of VIS 4 circuit |
| VIS 5 – MALL entrance by shoppers |  | EOL |  | VIS 5 |  |  |  |  |  |  |  |  |
| VIS 6 – CRU 145 – restaurant |  | EOL |  | VIS 6 |  |  |  |  |  |  |  | Booster 6 part of VIS 6 circuit |
| VIS 7 |  | EOL |  | VIS 7 |  |  |  |  |  |  |  |  |
| VIS 8 – corridor ceiling by CRU 124 |  | EOL |  | VIS 8 |  |  |  |  |  |  |  | . |
| VIS 9 – CRU 118 #2 sprinkler rm |  | EOL |  | VIS 9 |  |  |  |  |  |  |  |  |
| VIS 10 ‐ |  | EOL |  | VIS10 |  |  |  |  |  |  |  |  |
| VIS 11‐ ‐ corridor ceiling by CRU 216 |  | EOL |  | VIS11 |  |  |  |  |  |  |  | Booster 7 part of VIS 11 circuit |
| ISO ELECTRICAL ROOM IN |  | IM |  | 10030251 |  |  |  |  |  |  |  | **Start of Freshco Devices** |
| ISO ELECTRICAL ROOM OUT |  | IM |  | 10030252 |  |  |  |  |  |  |  |  |
| ISO OFFICE MEZZ IN |  | IM |  | 10030253 |  |  |  |  |  |  |  |  |
| ISO OFFICE MEZZ OUT |  | IM |  | 10030254 |  |  |  |  |  |  |  |  |
| ISO WAREHOUSE IN |  | IM |  | 10030255 |  |  |  |  |  |  |  |  |
| ISO HOOD SUPRESSION IN |  | IM |  | 10030256 |  |  |  |  |  |  |  |  |
| ISO HOOD SUPRESSION OUT |  | IM |  | 10030257 |  |  |  |  |  |  |  |  |
| ISO DUCT SMOKES IN |  | IM |  | 10030258 |  |  |  |  |  |  |  |  |
| ISO DUCT SMOKES OUT |  | IM |  | 10030259 |  |  |  |  |  |  |  |  |
| ISO AT FRESHCO PANEL |  | IM |  | 10030260 |  |  |  |  |  |  |  |  |
| SMOKE TOP OF FRESHCO STAIR 1 |  | s |  | 10030261 |  |  |  |  |  |  |  |  |
| SMOKE FRESHCO TOP OF STAIR 2 |  | s |  | 10030262 |  |  |  |  |  |  |  |  |
| DUCT SMOKE FRESHCO SOUTH |  | DS |  | 10030263 |  |  |  |  |  |  |  |  |
| DUCT SMOKE FRESHCO WEST |  | DS |  | 10030264 |  |  |  |  |  |  |  |  |
| FRESHCO ELECTRICAL ROOM PULL |  | M |  | 10030376 |  |  |  |  |  |  |  |  |
| FRESHCO ELECTRICAL ROOM GA |  | M |  | 10030377 |  |  |  |  |  |  |  |  |
| FRESHCO OFFICE MEZZ PULL |  | M |  | 10030378 |  |  |  |  |  |  |  |  |
| FRESHCO OFFICE MEZZ GA |  | M |  | 10030379 |  |  |  |  |  |  |  |  |
| FRESHCO DOWN STAIRS 2 PULL |  | M |  | 10030380 |  |  |  |  |  |  |  |  |
| FRESHCO DOWN STAIRS 2 GA |  | M |  | 10030381 |  |  |  |  |  |  |  |  |
| FRESHCO MAIN ENTRANCE PULL |  | M |  | 10030382 |  |  |  |  |  |  |  |  |
| FRESHCO MAIN ENTRANCE GA |  | M |  | 10030383 |  |  |  |  |  |  |  |  |
| FRESHCO DOWN STAIRS 2 RELAY |  | AD |  | 10030384 |  |  |  |  |  |  |  |  |
| FRESHCO HOOD SUPRESSION RELAY |  | AD |  | 10030385 |  |  |  |  |  |  |  |  |
| FRESHCO SOUTH EXIT DOOR RELAY |  | AD |  | 10030386 |  |  |  |  |  |  |  |  |
| CRU 106 RTU RELAY |  | AD |  | 10030387 |  |  |  |  |  |  |  |  |
| LONG TERM CARE RELAY |  | AD |  | 10030388 |  |  |  |  |  |  |  |  |
| FRESHCO GLASS DOOR TILLS RELAY |  | AD |  | 10030389 |  |  |  |  |  |  |  |  |
| FRESHCO ENTRANCE GATE RELAY |  | AD |  | 10030390 |  |  |  |  |  |  |  |  |
| FRESHCO LOADING DOCK RELAY |  | AD |  | 10030391 |  |  |  |  |  |  |  |  |
| FRESHCO BOTTOM OF STAIRS EXIT RELAY |  | AD |  | 10030392 |  |  |  |  |  |  |  |  |
| FRESHCO HOOD SUPRESSION ALARM |  | SFD |  | 10030393 |  |  |  |  |  |  |  |  |
| FRESHCO HOOD SUPRESSION TROUBLE |  | SFD |  | 10030394 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| FRESHCO LOADING DOCK DRY SPRNK. TAMPER |  | ss |  | 10030144 |  |  |  |  |  |  |  |  |
| FRESHCO LOADING DOCK DRY SPRNK.FLOW |  | PS |  | 10030143 |  |  |  |  |  |  |  |  |
| FRESHCO LOADING DOCK DRY SYSTEM LOW AIR |  | ss |  | 10030128 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| SIGNALLING |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| REAR HALL |  | HN |  | BPSNAC3/4 |  |  |  |  |  |  |  |  |
| COOLER STROBE |  | V2 |  | BPSNAC3/4 |  |  |  |  |  |  |  |  |
| MEAT COOLER STROBE |  | V2 |  | BPSNAC3/4 |  |  |  |  |  |  |  |  |
| KITCHEN PREP |  | HN2 |  | BPSNAC3/4 |  |  |  |  |  |  |  |  |
| DAIRY COOLER |  | V2 |  | BPSNAC3/4 |  |  |  |  |  |  |  |  |
| GROCERY MAIN FREEZER |  | V2 |  | BPSNAC3/4 |  |  |  |  |  |  |  |  |
| WEST WAREHOUSE |  | HN |  | BPSNAC3/4 |  |  |  |  |  |  |  |  |
| SOUTH WASHROOM |  | V |  | BPSNAC3/4 |  |  |  |  |  |  |  |  |
| NORTH WASHROOM |  | V |  | BPSNAC3/4 |  |  |  |  |  |  |  |  |
| SOUTHWEST SALES FLOOR |  | HN |  | BPSNAC3/4 |  |  |  |  |  |  |  |  |
| SOUTH SALES FLOOR DAIRY |  | HN |  | BPSNAC3/4 |  |  |  |  |  |  |  |  |
| SOUTH SALES |  | HN |  | BPSNAC3/4 |  |  |  |  |  |  |  |  |
| SOUTH PRODUCE AREA |  | HN |  | BPSNAC3/4 |  |  |  |  |  |  |  |  |
| NORTH PRODUCE AREA |  | HN |  | BPSNAC3/4 |  |  |  |  |  |  |  |  |
| NORTH SALES BY TILLS |  | HN |  | BPSNAC3/4 |  |  |  |  |  |  |  |  |
| NORTHEAST ENTRANCE |  | HN |  | BPSNAC3/4 |  |  |  |  |  |  |  |  |
| NORTHWEST SALES |  | HN |  | BPSNAC3/4 |  |  |  |  |  |  |  |  |
| NORTHWEST SALES PHARMACY |  | HN |  | BPSNAC3/4 |  |  |  |  |  |  |  |  |
| LONG TERM CARE |  | HN2 |  | BPSNAC3/4 |  |  |  |  |  |  |  |  |
| PHRMACY |  | HN2 |  | BPSNAC3/4 |  |  |  |  |  |  |  |  |
| CONSULT ROOM |  | V |  | BPSNAC3/4 |  |  |  |  |  |  |  |  |
| NORTH CHECKOUT |  | HN2 |  | BPSNAC3/4 |  |  |  |  |  |  |  |  |
| CASH OFFICE |  | V |  | BPSNAC3/4 |  |  |  |  |  |  |  |  |
| PRODUCE PREP |  | HN2 |  | BPSNAC3/4 |  |  |  |  |  |  |  |  |
| LOADING DOCK |  | HN2 |  | BPSNAC3/4 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| MENS WASHROOM |  | HN2 |  | BPSNAC1/2 |  |  |  |  |  |  |  |  |
| WOMENS WASHROOM |  | HN2 |  | BPSNAC1/2 |  |  |  |  |  |  |  |  |
| HANDICAP WASHROOM |  | HN2 |  | BPSNAC1/2 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| NORTH EXIT PULL |  | M |  | 135 |  |  |  |  |  |  |  |  |
| NORTH EXIT GA |  | M |  | 136 |  |  |  |  |  |  |  |  |
| NE MAIN WEST PULL |  | M |  | 139 |  |  |  |  |  |  |  |  |
| NE MAIN WEST GA |  | M |  | 140 |  |  |  |  |  |  |  |  |
| NE MAIN EAST PULL |  | M |  | 137 |  |  |  |  |  |  |  |  |
| NE MAIN EAST GA |  | M |  | 138 |  |  |  |  |  |  |  |  |
| SW HALL ENTRANCE PULL |  | M |  | 133 |  |  |  |  |  |  |  |  |
| SW HALL ENTRANCE GA |  | M |  | 134 |  |  |  |  |  |  |  |  |
| FRESHCO SE PULL |  | M |  | 131 |  |  |  |  |  |  |  |  |
| FRESHCO SE GA |  | M |  | 132 |  |  |  |  |  |  |  |  |
| EAST LOADING DOCK PULL |  | M |  | 129 |  |  |  |  |  |  |  |  |
| EAST LOADING DOCK GA |  | M |  | 130 |  |  |  |  |  |  |  |  |

## Circuit Fault Tolerance Test Sheet

NOTE 1: Refer to Section 12 and 13 of CAN/ULC-S536:2019-REV1.

NOTE 2: Refer to Annex A, A3.86 for an explanation regarding the National Building Code (NBC) Fire Alarm (FA) Zone.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Building Name:** | Medicine Hat Mall | | | | **Date (YYYY-MM-DD):** | | 2024-10-07 | | | |
| **Circuit Fault Test Location** | | **Type of Result (Record response time or indicate N/A).** | | | | **Isolation Results** | | **Non-faulted circuit location** | |
| **Identify Device Location where *circuit* fault was introduced and description of affected NBC Fire Alarm zone or area.** | | **Short** | **Open** | **Ground** | | **Identify NBC Fire Alarm Zone or area location where devices failed due to fault condition.** | | **Identify individual device tested for operation located in Non Faulted NBC Fire Alarm Zone or area.** | **Pass/Fail** |
| Main FACP - Z10-1 | |  |  |  | |  | | c | Pass |
| Main FACP – Z10-2 | |  |  |  | |  | |  | Pass |
| Main FACP – Z10-3 | |  |  |  | |  | |  | Pass |
| Main FACP – Z10-251 | |  |  |  | |  | |  | Pass |
| Main FACP – Z10-252 | |  |  |  | |  | |  | Pass |
| Main FACP – Z10-253 | |  |  |  | |  | |  | Pass |
| Main FACP – Z10-254 | |  |  |  | |  | |  | Pass |
| Main FACP – Z10-255 | |  |  |  | |  | |  | Pass |
| Main FACP – Z10-256 | |  |  |  | |  | |  | Pass |
| F1 A&W – Z3-1 | |  |  |  | |  | |  | Pass |
| South Loading Dock – Z3-2 | |  |  |  | |  | |  | Pass |
| CRU 304 – Z3-3 | |  |  |  | |  | |  | Pass |
| CRU 302 EL RM – Z3-4 | |  |  |  | |  | |  | Pass |
| CRU 302 EL RM – Z3-5 | |  |  |  | |  | |  | Pass |
| RM 104 – Z1-7 | |  |  |  | |  | |  | Pass |
| CRU 303 – Z3-8 | |  |  |  | |  | |  | Pass |
| CRU 302 – Z3-9 | |  |  |  | |  | |  | Pass |
| CRU312 – Z3-10 | |  |  |  | |  | |  | Pass |
| Hallway 3C By Exit – Z3-11 | |  |  |  | |  | |  | Pass |
| Hallway 3C By Exit – Z3-17 | |  |  |  | |  | |  | Pass |
| CRU 310 – Z3-12 | |  |  |  | |  | |  | Pass |
| F1 – Z3-13 | |  |  |  | |  | |  | Pass |
| CRU 301A – Z3-15 | |  |  |  | |  | |  | Pass |
| RM 118 O/S Sprinkler Rm – Z2-16 | |  |  |  | |  | |  | Pass |
| RM 118 O/S Sprinkler Rm – Z2-18 | |  |  |  | |  | |  | Pass |
| Hallway 3B – Z2-19 | |  |  |  | |  | |  | Pass |
| RM 106 – Z1-20 | |  |  |  | |  | |  | Pass |
| RM 104 – Z1-21 | |  |  |  | |  | |  | Pass |
| RM 104 – Z1-251 | |  |  |  | |  | |  | Pass |
| RM 104 – Z1-254 | |  |  |  | |  | |  | Pass |
| CRU 305 – Z1-252 | |  |  |  | |  | |  | Pass |
| CRU 306 – Z1-258 | |  |  |  | |  | |  | Pass |
| CRU 232 – Z1-262 | |  |  |  | |  | |  | Pass |
| CRU 224 – Z1-263 | |  |  |  | |  | |  | Pass |
| CRU 224 – Z1-264 | |  |  |  | |  | |  | Pass |
| CRU 231 – Z1-265 | |  |  |  | |  | |  | Pass |
| Electrical RM 7 – Z4-1 | |  |  |  | |  | |  | Pass |
| CRU 162 – Z4-2 | |  |  |  | |  | |  | Pass |
| CRU 162 – Z4-3 | |  |  |  | |  | |  | Pass |
| CRU 162 – Z4-7 | |  |  |  | |  | |  | Pass |
| Sprinkler Rm Maint Shop – Z4-4 | |  |  |  | |  | |  | Pass |
| Sprinkler RM Maint Shop – Z4-5 | |  |  |  | |  | |  | Pass |
| NW Loading Dock – Z4-6 | |  |  |  | |  | |  | Pass |
| CRU 161 – Z4-9 | |  |  |  | |  | |  | Pass |
| Elec Rm 7 Stair – Z4-10 | |  |  |  | |  | |  | Pass |
| Elec Rm 7 Stair – Z4-11 | |  |  |  | |  | |  | Pass |
| Panel 12 – Z4-17 | |  |  |  | |  | |  | Pass |
| Panel 12 – Z4-20 | |  |  |  | |  | |  | Pass |
| CRU 312 – Z3-14 | |  |  |  | |  | |  | Pass |
| FRESHCO SW – Z24-264 | |  |  |  | |  | |  | Pass |
| FRESHCO E – Z24-S65 | |  |  |  | |  | |  | Pass |
| CRU 139B SW –Z9-266 | |  |  |  | |  | |  | Pass |
| CRU139A – Z9-263 | |  |  |  | |  | |  | Pass |