

NYC Department of Education
Building Condition Assessment Survey 2017 - 2018

Electrical Inspection

X716

Asset: BRONX LIGHTHOUSE CHARTER SCHL - X, 1001 INTERVALE AVENUE, New York, 10459

| Inspection Id | Inspection Type | Time In | Last Edited |
|---------------|-----------------|---------------------|--------------------|
| EE : X716 | Electrical | 2017-11-27 11:45 AM | 2017-11-27 6:10 PM |

Asset Data

| Question | Answer |
|---|--|
| Type of Service | Below Ground |
| Does Interactive Whiteboard (IWB) Exist? | Yes |
| Water Penetration in Electrical Room? | No |
| Have any Systems/Major Building Components been upgraded? | Yes |
| | Systems: Cafeteria (Local Sound System) |
| | Years: 2016 |
| | Systems: Telephone System |
| | Years: 2013 |
| | Systems: Cafeteria (Surface Fluorescent Lighting) |
| | Years: 2006, 2015 |
| | Systems: All Other Electrical Systems and Components |
| | Years: 2006 |

DEDICATED INTERCOMS IN FIRE RESCUE AREAS

| Question | Response |
|---|----------|
| Are there any Life Rescue Assistance Areas, Fire Rescue Areas, and/or Holding Rooms in your building? | No |

Priority Condition

| Priority Condition Exist Last Year? | Priority Category | Condition Description | Component Affected | Location Description | Person(s) Notified | Person(s) Title | Status | PhotoImage |
|-------------------------------------|---|-----------------------|--------------------------------|----------------------|--------------------|-----------------|-------------|------------|
| Yes | Local Sound System - Not Connected to Public Address System | N/A | CAFETERIA Local Sound System | 2nd Floor | Miguel De Jesus | Custodian | Sent to DSF | |

Inspection

| Question | Response |
|--|--------------------------|
| Electrical | |
| AUDITORIUM | Does not Exist |
| CAFETERIA | Inspected |
| Instance on 2nd Floor | Inspected |
| Lighting | Inspected |
| Instance on 2nd Floor | Inspected |
| Lighting Fixture - Fluorescent | |
| Instance on 2nd Floor | Inspected |
| Pendant Mounted | Does not Exist |
| Instance on 2nd Floor | Does not Exist |
| Surface Mounted | Inspected |
| Instance on 2nd Floor | Inspected |
| Condition | 1 - Good |
| Deficiency | No deficiencies recorded |
| Recessed Mounted | Does not Exist |
| Instance on 2nd Floor | Does not Exist |
| Lighting Fixture - HID | |
| Instance on 2nd Floor | Does not Exist |
| Lighting Fixture - Incandescent | |

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| Question | Response |
|--|--|
| CAFETERIA | |
| Lighting | |
| Lighting Fixture - Incandescent | |
| Instance on 2nd Floor | Does not Exist |
| Lighting Fixture - LED | |
| Instance on 2nd Floor | Does not Exist |
| Local Sound System | |
| Instance on 2nd Floor | Inspected |
| Installation Year | 2016 |
| Source of Installation | Custodial Staff |
| Condition | 1 - Good |
| Deficiency | NOT CONNECTED TO PUBLIC ADDRESS SYSTEM |
| Deficiency Quantity | 1 |
| Quantity Uom | EACH |
| Potential Action | INSTALL CONNECTION |
| Urgency of Action | PRIORITY 5 |
| Purpose of Action | LEVEL 6 |
| Deficiency Photo1 | No photo recorded |
| Violations | No violations recorded. |
| Projection System | |
| Instance on 2nd Floor | Does not Exist |
| Theater Lighting System | |
| Instance on 2nd Floor | Does not Exist |
| CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE | |
| Lighting | |
| Does a Chandelier exist? | No |
| Lighting Fixture - Fluorescent | |
| Pendant Mounted | |
| Condition | 2 - Between Good and Fair |
| Deficiency | LIGHTING FIXTURE BALLAST DEFECTIVE |
| Deficiency Quantity | 2 |
| Quantity Uom | EACH |
| Potential Action | REPLACE BALLAST |
| Urgency of Action | PRIORITY 3 |
| Purpose of Action | LEVEL 2 |
| Deficiency Photo1 | No photo recorded |
| Violations | No violations recorded. |
| Surface Mounted | |
| Condition | 2 - Between Good and Fair |
| Deficiency | LIGHTING FIXTURE BALLAST DEFECTIVE |
| Deficiency Quantity | 3 |
| Quantity Uom | EACH |
| Potential Action | REPLACE BALLAST |
| Urgency of Action | PRIORITY 3 |
| Purpose of Action | LEVEL 2 |
| Deficiency Photo1 | No photo recorded |
| Violations | No violations recorded. |
| Recessed Mounted | |
| Condition | 2 - Between Good and Fair |

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| Question | Response |
|--|------------------------------------|
| CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE | |
| Lighting | |
| Lighting Fixture - Fluorescent | |
| Recessed Mounted | |
| Deficiency | LIGHTING FIXTURE BALLAST DEFECTIVE |
| Deficiency Quantity | 1 |
| Quantity Uom | EACH |
| Potential Action | REPLACE BALLAST |
| Urgency of Action | PRIORITY 3 |
| Purpose of Action | LEVEL 2 |
| Deficiency Photo1 | No photo recorded |
| Violations | No violations recorded. |
| Lighting Fixture - HID | Does not Exist |
| Lighting Fixture - Incandescent | Does not Exist |
| Lighting Fixture - LED | Does not Exist |
| COMPUTER LAB | Does not Exist |
| GYMNASIUM | Does not Exist |
| KITCHEN | Inspected |
| Instance on 2nd Floor | Inspected |
| Lighting | Inspected |
| Instance on 2nd Floor | Inspected |
| Lighting Fixture - Fluorescent | |
| Instance on 2nd Floor | Inspected |
| Pendant Mounted | Does not Exist |
| Instance on 2nd Floor | Does not Exist |
| Surface Mounted | Does not Exist |
| Instance on 2nd Floor | Does not Exist |
| Recessed Mounted | Inspected |
| Instance on 2nd Floor | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Lighting Fixture - HID | |
| Instance on 2nd Floor | Does not Exist |
| Lighting Fixture - Incandescent | |
| Instance on 2nd Floor | Does not Exist |
| Lighting Fixture - LED | |
| Instance on 2nd Floor | Does not Exist |
| LIBRARY | Does not Exist |
| LOCKER ROOM | Does not Exist |
| MULTIPURPOSE ROOM | Does not Exist |
| SCIENCE DEMO ROOM | Does not Exist |
| SCIENCE LAB | Inspected |
| Instance on Room 102 | Inspected |
| Power Panel | No |
| Alternative use | Yes |

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| Question | Response |
|--|---------------------------|
| SCIENCE LAB | |
| Instance on Room 302 | Inspected |
| Power Panel | No |
| Alternative use | No |
| Lighting | Inspected |
| Instance on Room 302 | Inspected |
| Instance on Room 102 | Inspected |
| Lighting Fixture - Fluorescent | |
| Instance on Room 302 | Inspected |
| Instance on Room 102 | Inspected |
| Pendant Mounted | |
| Instance on Room 302 | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Instance on Room 102 | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Surface Mounted | |
| Instance on Room 302 | Does not Exist |
| Instance on Room 102 | Does not Exist |
| Recessed Mounted | |
| Instance on Room 302 | Does not Exist |
| Instance on Room 102 | Does not Exist |
| Lighting Fixture - HID | |
| Instance on Room 302 | Does not Exist |
| Instance on Room 102 | Does not Exist |
| Lighting Fixture - Incandescent | |
| Instance on Room 302 | Does not Exist |
| Instance on Room 102 | Does not Exist |
| Lighting Fixture - LED | |
| Instance on Room 302 | Does not Exist |
| Instance on Room 102 | Does not Exist |
| Emergency Gas Shut-Off Valve | |
| Instance on Room 302 | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Instance on Room 102 | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Emergency Shut-Off Power | |
| Instance on Room 302 | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Instance on Room 102 | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Power Supply | |
| Instance on Room 302 | Does not Exist |
| Instance on Room 102 | Does not Exist |

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| Question | Response |
|---|---------------------------|
| SCIENCE LAB | Inspected |
| Projection System | Does not Exist |
| Instance on Room 302 | Does not Exist |
| Instance on Room 102 | Does not Exist |
| SCIENCE PREP ROOM | Does not Exist |
| SWIMMING POOL | Does not Exist |
| TOILET ROOM - STAFF | Inspected |
| Lighting | Inspected |
| Lighting Fixture - Fluorescent | Inspected |
| Pendant Mounted | Does not Exist |
| Surface Mounted | Does not Exist |
| Recessed Mounted | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Lighting Fixture - HID | Does not Exist |
| Lighting Fixture - Incandescent | Does not Exist |
| Lighting Fixture - LED | Does not Exist |
| TOILET ROOM - STUDENT | Inspected |
| Lighting | Inspected |
| Lighting Fixture - Fluorescent | Inspected |
| Pendant Mounted | Does not Exist |
| Surface Mounted | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Recessed Mounted | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Lighting Fixture - HID | Does not Exist |
| Lighting Fixture - Incandescent | Does not Exist |
| Lighting Fixture - LED | Does not Exist |
| AUXILIARY SIGNAL/BELL SYSTEM | Inspected |
| Replacement Quantity | 35,000 |
| Replacement Uom | S.F. |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| EMERGENCY DC STANDBY BATTERY POWER | Does not Exist |
| EMERGENCY GENERATOR SET | Does not Exist |
| EMERGENCY LIGHT/EXIT LIGHT PANEL | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| EMERGENCY LIGHTING | Inspected |
| Battery Pack | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Non Battery Pack | Does not Exist |
| EXIT LIGHT | Inspected |
| Battery Pack | Inspected |
| Condition | 3 - Fair |

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| Question | Response |
|--|-------------------------------|
| EXIT LIGHT | |
| Battery Pack | |
| Deficiency | FIXTURE NOT OPERATIONAL |
| Deficiency Location/Instance | 2nd Floor Corridor by Stair C |
| Deficiency Quantity | 1 |
| Quantity Uom | EACH |
| Potential Action | REPLACE |
| Urgency of Action | PRIORITY 5 |
| Purpose of Action | LEVEL 2 |
| Deficiency Photo1 | No photo recorded |
| Violations | No violations recorded. |
| Non Battery Pack | Does not Exist |
| EXIT/EMERGENCY LIGHT | Does not Exist |
| CITY FIRE ALARM SYSTEM | Does not Exist |
| FIRE ALARM SYSTEM | Inspected |
| Replacement Quantity | 35,000 |
| Replacement Uom | S.F. |
| Bell/Horn | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Strobe | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Manual Pull Station | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Fan Shutdown Control | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Duct Smoke Detector | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Area Smoke Detector | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| CO Detector | Does not Exist |
| Heat Detector | Does not Exist |
| Elevator Recall | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Magnetic Door Holder/Contactor | Does not Exist |
| Fused Cutout Panel | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Fire Alarm Digital Communicator | Inspected |
| Instance | Room B12 |
| Instance Condition | 2 - Between Good and Fair |
| Instance Quantity | 1 |
| Instance Quantity Uom | EACH |

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| Question | Response |
|--|----------------------------|
| FIRE ALARM SYSTEM | |
| Fire Alarm Digital Communicator | |
| Instance Manufacturer | Bosch |
| Equipment | Central Office Transmitter |
| Capacity/Size Quantity | 5 |
| Capacity/Size UOM | Zones |
| Source of Capacity/Size | Inspector Estimate |
| Installation Year | 2006 |
| Source of Installation | Documented |
| Deficiency | No deficiencies recorded |
| Main Panel | Inspected |
| Bell At Panel | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Fire Alarm Control Panel (Electronic) | Inspected |
| Instance | Main Entrance Lobby |
| Instance Condition | 2 - Between Good and Fair |
| Instance Quantity | 1 |
| Instance Quantity Uom | EACH |
| Instance Manufacturer | Notifier |
| Equipment | Fire Alarm Control Panel |
| Model | N/A |
| Capacity/Size Quantity | 12 |
| Capacity/Size UOM | Zones |
| Capacity/Size2 Quantity | 1 |
| Capacity/Size2 UOM | Section(S) |
| Source of Capacity/Size | Diagram |
| Installation Year | 2006 |
| Source of Installation | Documented |
| Deficiency | No deficiencies recorded |
| Fire Alarm Control Panel (Standard) | Does not Exist |
| Sub-Panel | Does not Exist |
| Remote Annunciator | Inspected |
| Display Monitor | Does not Exist |
| Panel | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Printer | Does not Exist |
| Punch Register | Does not Exist |
| Sprinkler Flow/Air Pressure Switch | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Tamper Flow Switch/Chain | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| GROUNDING SYSTEM | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| INTERCOM SYSTEM | Inspected |

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| Question | Response |
|---|--|
| INTERCOM SYSTEM | Inspected |
| Elevator | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Holding Area | Does not Exist |
| LAN | Inspected |
| Local Distribution Frame (I/LDF) | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Main Equipment Rack (MDF) | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| LIGHTNING PROTECTION | Does not Exist |
| MOTOR CONTROL CENTER | Does not Exist |
| MOTOR STARTER/CONTACTOR | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| PANEL BOARD | Inspected |
| Fused Disconnect Switch Type | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Fused Knife Switch Type | Does not Exist |
| Fused Toggle Switch Type | Does not Exist |
| Molded Case Circuit Breaker Type | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | PANEL BOARD DIRECTORY MISSING OR REQUIRES UPDATING |
| Deficiency Location/Instance | Roof - Mechanical Room R03 |
| Deficiency Quantity | 1 |
| Quantity Uom | EACH |
| Potential Action | MAINTENANCE |
| Urgency of Action | PRIORITY 2 |
| Purpose of Action | LEVEL 2 |
| Deficiency Photo | No photo recorded |
| Violations | No violations recorded. |
| PUBLIC ADDRESS SYSTEM | Inspected |
| Replacement Quantity | 35,000 |
| Replacement Uom | S.F. |
| Instance | Room B12 |
| Instance Condition | 2 - Between Good and Fair |
| Instance Quantity | 1 |
| Instance Quantity Uom | EACH |
| Model | Biamp MXA 150 |
| Installation Year | 2006 |
| Source of Installation | Documented |
| Deficiency | No deficiencies recorded |
| SECURITY | Inspected |
| IPDVS/CCTV System | Inspected |
| Replacement Quantity | 35,000 |

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| Question | Response |
|-------------------------------|--------------------------------|
| SECURITY | |
| IPDVS/CCTV System | |
| Replacement Uom | S.F. |
| Installation Year | 2006 |
| Source of Installation | Documented |
| Condition | 3 - Fair |
| Deficiency | SYSTEM DEFECTIVE |
| Deficiency Location/Instance | Room 314 |
| Deficiency Quantity | 1 |
| Quantity Uom | EACH |
| Potential Action | REPAIR SYSTEM |
| Urgency of Action | PRIORITY 4 |
| Purpose of Action | LEVEL 3 |
| Deficiency Photo | No photo recorded |
| Violations | No violations recorded. |
| Intrusion Alarm System | |
| Inspected | Inspected |
| Replacement Quantity | 35,000 |
| Replacement Uom | S.F. |
| Central Control Panel | |
| Inspected | Inspected |
| Instance | Room 314 |
| Instance Condition | 2 - Between Good and Fair |
| Instance Quantity | 1 |
| Instance Quantity Uom | EACH |
| Model | N/A |
| Installation Year | 2006 |
| Source of Installation | Documented |
| Deficiency | No deficiencies recorded |
| Infrared Sensor | |
| Inspected | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Panic Switch | |
| Does not Exist | Does not Exist |
| Remote Annunciator | |
| Inspected | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Siren/Strobe | |
| Inspected | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Ultrasonic Sensor | |
| Does not Exist | Does not Exist |
| Lighting - Security | |
| Inspected | Inspected |
| Replacement Quantity | 12 |
| Replacement Uom | EACH |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| SERVICE SWITCH | |
| Inspected | Inspected |
| Instance | Sub-Basement - Electrical Room |
| Instance Condition | 2 - Between Good and Fair |
| Instance Quantity | 1 |
| Instance Quantity Uom | EACH |
| Instance Manufacturer | General Electric |

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| Question | Response |
|-------------------------------------|--------------------------------|
| SERVICE SWITCH | |
| Equipment | L & P |
| Capacity/Size Quantity | 1,200 |
| Capacity/Size UOM | Amps |
| Source of Capacity/Size | Nameplate |
| Installation Year | 2006 |
| Source of Installation | Documented |
| Deficiency | No deficiencies recorded |
| Instance | Sub-Basement - Electrical Room |
| Instance Condition | 2 - Between Good and Fair |
| Instance Quantity | 1 |
| Instance Quantity Uom | EACH |
| Instance Manufacturer | General Electric |
| Equipment | RDB |
| Capacity/Size Quantity | 1,200 |
| Capacity/Size UOM | Amps |
| Source of Capacity/Size | Nameplate |
| Installation Year | 2006 |
| Source of Installation | Documented |
| Deficiency | No deficiencies recorded |
| Instance | Sub-Basement - Electrical Room |
| Instance Condition | 2 - Between Good and Fair |
| Instance Quantity | 1 |
| Instance Quantity Uom | EACH |
| Instance Manufacturer | General Electric |
| Equipment | CDB |
| Capacity/Size Quantity | 400 |
| Capacity/Size UOM | Amps |
| Source of Capacity/Size | Nameplate |
| Installation Year | 2006 |
| Source of Installation | Documented |
| Deficiency | No deficiencies recorded |
| SWITCHBOARD | Inspected |
| Number of Spares | 6 |
| Air Circuit Breaker Type | Does not Exist |
| Fused Disconnect Switch Type | Inspected |
| Instance | Roof - Mechanical Room R03 |
| Instance Condition | 2 - Between Good and Fair |
| Instance Quantity | 1 |
| Instance Quantity Uom | EACH |
| Instance Manufacturer | General Electric |
| Equipment | RDB |
| Capacity/Size Quantity | 1,200 |
| Capacity/Size UOM | Amps Total |
| Capacity/Size2 Quantity | 2 |
| Capacity/Size2 UOM | Section(S) |
| Source of Capacity/Size | Nameplate |
| Installation Year | 2006 |
| Source of Installation | Documented |

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| Question | Response |
|---|--------------------------------|
| SWITCHBOARD | |
| Fused Disconnect Switch Type | |
| Deficiency | No deficiencies recorded |
| Instance | Sub-Basement - Electrical Room |
| Instance Condition | 2 - Between Good and Fair |
| Instance Quantity | 1 |
| Instance Quantity Uom | EACH |
| Instance Manufacturer | General Electric |
| Equipment | L & P |
| Capacity/Size Quantity | 1,200 |
| Capacity/Size UOM | Amps Total |
| Capacity/Size2 Quantity | 2 |
| Capacity/Size2 UOM | Section(S) |
| Source of Capacity/Size | Nameplate |
| Installation Year | 2006 |
| Source of Installation | Documented |
| Deficiency | No deficiencies recorded |
| Instance | Sub-Basement - Electrical Room |
| Instance Condition | 2 - Between Good and Fair |
| Instance Quantity | 1 |
| Instance Quantity Uom | EACH |
| Instance Manufacturer | General Electric |
| Equipment | CDB |
| Capacity/Size Quantity | 400 |
| Capacity/Size UOM | Amps Total |
| Capacity/Size2 Quantity | 1 |
| Capacity/Size2 UOM | Section(S) |
| Source of Capacity/Size | Nameplate |
| Installation Year | 2006 |
| Source of Installation | Documented |
| Deficiency | No deficiencies recorded |
| Fused Knife Switch Type | Does not Exist |
| Molded Case Circuit Breaker Type | Does not Exist |
| TELEPHONE SYSTEM | Inspected |
| PBX/Intercom | Inspected |
| Condition | 1 - Good |
| Deficiency | No deficiencies recorded |
| Standard | Inspected |
| Condition | 1 - Good |
| Deficiency | No deficiencies recorded |
| TRANSFORMER | Does not Exist |
| TV SYSTEM | Inspected |
| Cable System Exist? Operational? | Yes No |
| Main Equipment Rack | Does not Exist |