

**NYC Department of Education
Building Condition Assessment Survey 2017 - 2018**

Electrical Inspection

Q081

Asset: P.S. 81 - QUEENS, 559 CYPRESS AVENUE, New York, 11385

| Inspection Id | Inspection Type | Time In | Last Edited |
|---------------|-----------------|---------------------|--------------------|
| EE : Q081 | Electrical | 2018-01-09 11:21 AM | 2018-06-15 4:13 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: Fire Alarm System, Local Sound System, Public Address System, Telephone System, Service Switch, Switchboard, Grounding System, Library, Security Lights, Most Exit Lights (Battery Pack), Multipurpose Room (Projection System) |
| | Years: 2008 |
| | Systems: Molded Case Circuit Breaker Panel Board |
| | Years: 2000, 2008, 2017 |
| | Systems: Multipurpose Room (Most Theater Lighting) |
| | Years: 2000, 2008 |
| | Systems: Multipurpose Room (Dimming System) |
| | Years: 2000 |
| | Systems: Interior Fluorescent Lighting |
| | Years: 1997 |

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 |
|-------------------------------------|-------------------|-----------------------|--------------------|----------------------|--------------------|-----------------|--------|------------|
| No condition recorded | | | | | | | | |

Inspection

| Question | Response |
|---------------------------------------|--------------------------|
| Electrical | |
| AUDITORIUM | Does not Exist |
| CAFETERIA | Inspected |
| Instance on 1st Floor | Inspected |
| Lighting | Inspected |
| Instance on 1st Floor | Inspected |
| Lighting Fixture - Fluorescent | |
| Instance on 1st Floor | Inspected |
| Pendant Mounted | Does not Exist |
| Instance on 1st Floor | Does not Exist |
| Surface Mounted | Inspected |
| Instance on 1st Floor | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Recessed Mounted | Does not Exist |
| Instance on 1st Floor | Does not Exist |
| Lighting Fixture - HID | |
| Instance on 1st Floor | Does not Exist |

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| Question | Response |
|--|------------------------------------|
| CAFETERIA | |
| Lighting | |
| Lighting Fixture - Incandescent | |
| Instance on 1st Floor | Does not Exist |
| Lighting Fixture - LED | |
| Instance on 1st Floor | Does not Exist |
| Local Sound System | |
| Instance on 1st Floor | Inspected |
| Installation Year | 2008 |
| Source of Installation | Custodial Staff |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Projection System | |
| Instance on 1st Floor | Does not Exist |
| Theater Lighting System | |
| Instance on 1st Floor | Does not Exist |
| CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE | |
| Lighting | |
| Does a Chandelier exist? | No |
| Lighting Fixture - Fluorescent | |
| Pendant Mounted | |
| Condition | 3 - 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 | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Recessed Mounted | |
| Does not Exist | |
| 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 1st Floor | Inspected |
| Lighting | |
| Instance on 1st Floor | Inspected |
| Lighting Fixture - Fluorescent | |
| Instance on 1st Floor | Inspected |
| Pendant Mounted | |
| Instance on 1st Floor | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |

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| Question | Response |
|--|---------------------------|
| KITCHEN | |
| Lighting | |
| Lighting Fixture - Fluorescent | |
| Surface Mounted | Does not Exist |
| Instance on 1st Floor | Does not Exist |
| Recessed Mounted | Does not Exist |
| Instance on 1st Floor | Does not Exist |
| Lighting Fixture - HID | |
| Instance on 1st Floor | Does not Exist |
| Lighting Fixture - Incandescent | |
| Instance on 1st Floor | Does not Exist |
| Lighting Fixture - LED | |
| Instance on 1st Floor | Does not Exist |
| LIBRARY | Inspected |
| Instance on Room 201 | Inspected |
| Lighting | Inspected |
| Instance on Room 201 | Inspected |
| Lighting Fixture - Fluorescent | |
| Instance on Room 201 | Inspected |
| Pendant Mounted | Inspected |
| Instance on Room 201 | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Surface Mounted | Does not Exist |
| Instance on Room 201 | Does not Exist |
| Recessed Mounted | Does not Exist |
| Instance on Room 201 | Does not Exist |
| Lighting Fixture - HID | |
| Instance on Room 201 | Does not Exist |
| Lighting Fixture - Incandescent | |
| Instance on Room 201 | Does not Exist |
| Lighting Fixture - LED | |
| Instance on Room 201 | Does not Exist |
| Raceway With Receptacles | Inspected |
| Instance on Room 201 | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Projection System | Does not Exist |
| Instance on Room 201 | Does not Exist |
| LOCKER ROOM | Does not Exist |
| MULTIPURPOSE ROOM | Inspected |
| Instance on 5th Floor | Inspected |
| Lighting | Inspected |
| Instance on 5th Floor | Inspected |
| Lighting Fixture - Fluorescent | |
| Instance on 5th Floor | Inspected |
| Pendant Mounted | Does not Exist |
| Instance on 5th Floor | Does not Exist |
| Surface Mounted | Inspected |

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|--|-------------------------------------|
| MULTIPURPOSE ROOM | |
| Lighting | |
| Lighting Fixture - Fluorescent | |
| Surface Mounted | Inspected |
| Instance on 5th Floor | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Recessed Mounted | Does not Exist |
| Instance on 5th Floor | Does not Exist |
| Lighting Fixture - HID | |
| Instance on 5th Floor | Does not Exist |
| Lighting Fixture - Incandescent | |
| Instance on 5th Floor | Does not Exist |
| Lighting Fixture - LED | |
| Instance on 5th Floor | Does not Exist |
| Local Sound System | |
| Instance on 5th Floor | Inspected |
| Installation Year | 2008 |
| Source of Installation | Custodial Staff |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Projection System | |
| Instance on 5th Floor | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Theater Lighting System | |
| Instance on 5th Floor | Inspected |
| Dimming System | |
| Instance on 5th Floor | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Theater Lighting | |
| Instance on 5th Floor | Inspected |
| Condition | 3 - Fair |
| Deficiency | LIGHTING FIXTURE BEYOND USEFUL LIFE |
| Deficiency Quantity | 26 |
| Quantity Uom | EACH |
| Potential Action | REPLACE-UPGRADE |
| Urgency of Action | PRIORITY 1 |
| Purpose of Action | LEVEL 2 |
| Deficiency Photo1 | No photo recorded |
| Violations | No violations recorded. |
| SCIENCE DEMO ROOM | |
| Instance on Room 511 | Inspected |
| Power Panel Alternative use | No |
| Lighting | Inspected |
| Instance on Room 511 | Inspected |
| Lighting Fixture - Fluorescent | |
| Instance on Room 511 | Inspected |

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|--|--------------------------|
| SCIENCE DEMO ROOM | |
| Lighting | |
| Lighting Fixture - Fluorescent | |
| Pendant Mounted | Inspected |
| Instance on Room 511 | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Surface Mounted | Does not Exist |
| Instance on Room 511 | Does not Exist |
| Recessed Mounted | Does not Exist |
| Instance on Room 511 | Does not Exist |
| Lighting Fixture - HID | |
| Instance on Room 511 | Does not Exist |
| Lighting Fixture - Incandescent | |
| Instance on Room 511 | Does not Exist |
| Lighting Fixture - LED | |
| Instance on Room 511 | Does not Exist |
| Projection System | Does not Exist |
| Instance on Room 511 | Does not Exist |
| Emergency Gas Shut-Off Valve | Does not Exist |
| Instance on Room 511 | Does not Exist |
| Emergency Shut-Off Power | Does not Exist |
| Instance on Room 511 | Does not Exist |
| Power Supply | Does not Exist |
| Instance on Room 511 | Does not Exist |
| SCIENCE LAB | 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 | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Surface Mounted | Does not Exist |
| Recessed Mounted | Does not Exist |
| 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 | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Surface Mounted | Does not Exist |
| Recessed Mounted | Does not Exist |
| Lighting Fixture - HID | Does not Exist |

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|---|--------------------------------------|
| TOILET ROOM - STUDENT | Inspected |
| Lighting | |
| Lighting Fixture - Incandescent | Does not Exist |
| Lighting Fixture - LED | Does not Exist |
| AUXILIARY SIGNAL/BELL SYSTEM | Inspected |
| Replacement Quantity | 69,000 |
| 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 | 3 - Fair |
| Deficiency | PANEL BOARD COVER IS MISSING |
| Deficiency Location/Instance | Basement Outside Electrical Room |
| Deficiency Quantity | 1 |
| Quantity Uom | EACH |
| Potential Action | MAINTENANCE |
| Urgency of Action | PRIORITY 2 |
| Purpose of Action | LEVEL 2 |
| Deficiency Photo1 | No photo recorded |
| Violations | No violations recorded. |
| Deficiency | LESS THAN 20% SPARE CIRCUIT BREAKERS |
| Deficiency Location/Instance | Basement Outside Electrical Room |
| Deficiency Quantity | 1 |
| Quantity Uom | EACH |
| Potential Action | REPLACE PANEL BOARD |
| Urgency of Action | PRIORITY 5 |
| Purpose of Action | LEVEL 2 |
| Deficiency Photo1 | No photo recorded |
| Violations | No violations recorded. |
| EMERGENCY LIGHTING | Inspected |
| Battery Pack | Inspected |
| Condition | 3 - Fair |
| Deficiency | FIXTURE NOT OPERATIONAL |
| Deficiency Location/Instance | Boiler Room |
| Deficiency Quantity | 5 |
| 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 | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| EXIT LIGHT | Inspected |
| Battery Pack | Inspected |
| Condition | 2 - Between Good and Fair |

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| Question | Response |
|--|---------------------------|
| EXIT LIGHT | |
| Battery Pack | Inspected |
| Deficiency | No deficiencies recorded |
| Non Battery Pack | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| EXIT/EMERGENCY LIGHT | Does not Exist |
| CITY FIRE ALARM SYSTEM | Inspected |
| Condition | 5 - Poor |
| Deficiency | NOT OPERATIONAL |
| Deficiency Location/Instance | Main Entrance Lobby |
| 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. |
| FIRE ALARM SYSTEM | Inspected |
| Replacement Quantity | 69,000 |
| 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 | Does not Exist |
| Duct Smoke Detector | Does not Exist |
| Area Smoke Detector | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| CO Detector | Does not Exist |
| Heat Detector | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Elevator Recall | Does not Exist |
| 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 | Does not Exist |
| Main Panel | Inspected |
| Bell At Panel | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |

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| Question | Response |
|--|---------------------------|
| FIRE ALARM SYSTEM | |
| Main Panel | |
| 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 | General Electric |
| Equipment | Fire Alarm Control Panel |
| Model | EST 2 |
| Capacity/Size Quantity | 12 |
| Capacity/Size UOM | Zones |
| Capacity/Size2 Quantity | 1 |
| Capacity/Size2 UOM | Section(S) |
| Source of Capacity/Size | Diagram |
| Installation Year | 2008 |
| Source of Installation | Custodial Staff |
| 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 | Inspected |
| Condition | 5 - Poor |
| Deficiency | PRINTER NOT OPERATIONAL |
| Deficiency Location/Instance | Custodian's Office |
| 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. |
| 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 | |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| INTERCOM SYSTEM | |
| LAN | Inspected |
| Local Distribution Frame (I/LDF) | Inspected |

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|---|--|
| LAN | |
| 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 | Does not Exist |
| 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 | NO SPARE |
| Deficiency Location/Instance | Basement Outside Electrical Room, Kitchen, 4th Floor Corridor by 407 |
| Deficiency Quantity | 3 |
| Quantity Uom | EACH |
| Potential Action | INSTALL NEW PANEL BOARD |
| Urgency of Action | PRIORITY 3 |
| Purpose of Action | LEVEL 2 |
| Deficiency Photo1 | No photo recorded |
| Violations | No violations recorded. |
| PUBLIC ADDRESS SYSTEM | Inspected |
| Replacement Quantity | 69,000 |
| Replacement Uom | S.F. |
| Instance | General Office |
| Instance Condition | 2 - Between Good and Fair |
| Instance Quantity | 1 |
| Instance Quantity Uom | EACH |
| Model | Dukane 250 |
| Installation Year | 2008 |
| Source of Installation | Custodial Staff |
| Deficiency | CLOCK NOT OPERATIONAL |
| Deficiency Location/Instance | Classrooms and Corridors |
| Deficiency Quantity | 12 |
| Quantity Uom | EACH |
| Potential Action | REPAIR |
| Urgency of Action | PRIORITY 3 |
| Purpose of Action | LEVEL 2 |
| Deficiency Photo1 | No photo recorded |
| Violations | No violations recorded. |
| SECURITY | Inspected |
| IPDVS/CCTV System | Does not Exist |

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| Question | Response |
|-------------------------------|---------------------------|
| SECURITY | |
| Intrusion Alarm System | Inspected |
| Replacement Quantity | 69,000 |
| Replacement Uom | S.F. |
| Central Control Panel | Inspected |
| Instance | Custodian's Office |
| Instance Condition | 3 - Fair |
| Instance Quantity | 1 |
| Instance Quantity Uom | EACH |
| Model | 4140 XMPT |
| Installation Year | 1991 |
| Source of Installation | Inspector Estimate |
| Deficiency | BEYOND USEFUL LIFE |
| Deficiency Location/Instance | Custodian's Office |
| Deficiency Quantity | 1 |
| Quantity Uom | EACH |
| Potential Action | REPLACE |
| Urgency of Action | PRIORITY 1 |
| Purpose of Action | LEVEL 2 |
| Deficiency Photo1 | No photo recorded |
| Violations | No violations recorded. |
| Infrared Sensor | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Panic Switch | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Remote Annunciator | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Siren/Strobe | Inspected |
| Condition | 3 - Fair |
| Deficiency | No deficiencies recorded |
| Ultrasonic Sensor | Does not Exist |
| Lighting - Security | Inspected |
| Replacement Quantity | 19 |
| Replacement Uom | EACH |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| SERVICE SWITCH | Inspected |
| Instance | Electrical Room |
| Instance Condition | 2 - Between Good and Fair |
| Instance Quantity | 1 |
| Instance Quantity Uom | EACH |
| Instance Manufacturer | All City Switchboard |
| Equipment | S.SW #1 |
| Capacity/Size Quantity | 1,200 |
| Capacity/Size UOM | Amps |
| Source of Capacity/Size | Nameplate |

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| Question | Response |
|---|---------------------------|
| SERVICE SWITCH | Inspected |
| Installation Year | 2008 |
| Source of Installation | Custodial Staff |
| Deficiency | No deficiencies recorded |
| SWITCHBOARD | Inspected |
| Number of Spares | 2 |
| Air Circuit Breaker Type | Does not Exist |
| Fused Disconnect Switch Type | Inspected |
| Instance | Electrical Room |
| Instance Condition | 2 - Between Good and Fair |
| Instance Quantity | 1 |
| Instance Quantity Uom | EACH |
| Instance Manufacturer | All City Switchboard |
| Equipment | N/A |
| Capacity/Size Quantity | 1,200 |
| Capacity/Size UOM | Amps Total |
| Capacity/Size2 Quantity | 2 |
| Capacity/Size2 UOM | Section(S) |
| Source of Capacity/Size | Service Switch Size |
| Installation Year | 2008 |
| Source of Installation | Custodial Staff |
| 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 | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| Standard | Inspected |
| Condition | 2 - Between Good and Fair |
| Deficiency | No deficiencies recorded |
| TRANSFORMER | Does not Exist |
| TV SYSTEM | Does not Exist |