

**NYC Department of Education
Building Condition Assessment Survey 2023-2024**

Electrical Inspection

X110

Asset: P.S. 110 - BRONX, 580 CROTONA PARK SOUTH, BRONX, NY, 10456

Inspection Id	Inspection Type	Time In	Last Edited
3407	ELECTRICAL	2024-02-23 08:54AM	2024-02-23 03:59PM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	<p>Systems: Most Molded Case Circuit Breaker Panel Boards Years: 2022, 2021, 2016, 1995</p> <p>Systems: Partial Fused Disconnect Switch Type Panel Board, Public Address System (Amplifier) Years: 2021</p> <p>Systems: Gymnasium (LED Lighting), Security Lighting Years: 2019</p> <p>Systems: Emergency Lights (Partial Battery Pack) Years: 2018</p> <p>Systems: Interior Fluorescent Lighting (Except Library, Science Lab Room 331), Exit Lights (Battery Pack), Computer Lab Room 326 Years: 2012</p> <p>Systems: LAN Years: 2010</p> <p>Systems: Library, Science Lab Room 331, Auditorium (Theatre Lighting System) Years: 2009</p> <p>Systems: Fire Alarm System Years: 2004</p> <p>Systems: Public Address System, Local Sound System Years: 2003</p> <p>Systems: Intrusion Alarm System Years: 2001</p> <p>Systems: Emergency Light/Exit Panel Years: 1995</p> <p>Type of Service Below Ground</p> <p>Does Interactive Whiteboard (IWB) Exist? Yes</p> <p>Water Penetration In Electrical Room? No</p>

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

Exist Last Year?	Priority Category	Condition Description	Component Affected	Location Description	Person(s) Notified	Person(s) Title	Photo Image	
		No condition recorded						

Inspection

Question	Response
Electrical	
ATHLETIC FIELD	Does not exist
AUDITORIUM	Inspected
Instance on Ground Floor	Inspected
House Lighting	
Instance on Ground Floor	Inspected
Does a Chandelier Exist?	No
Lighting Fixture - Fluorescent	
Instance on Ground Floor	Inspected
Pendant Mounted	
Instance on Ground Floor	Does not exist

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Question	Response
AUDITORIUM	
House Lighting	
Lighting Fixture - Fluorescent	
Surface Mounted	
Instance on Ground Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on Ground Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Lighting Fixture - HID	
Instance on Ground Floor	Does not exist
Lighting Fixture - Incandescent	
Instance on Ground Floor	Does not exist
Lighting Fixture - LED	
Instance on Ground Floor	Does not exist
Local Sound System	
Instance on Ground Floor	Inspected
Instance Condition	3- Fair
Installation Year	2003
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Projection System	
Instance on Ground Floor	Does not exist
Theater Lighting System	
Instance on Ground Floor	Inspected
Dimming System	
Instance on Ground Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Theater Lighting	
Instance on Ground Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
CAFETERIA	
Instance on Ground Floor	Inspected
Instance on Ground Floor	Inspected
Lighting	
Instance on Ground Floor	Inspected
Lighting Fixture - Fluorescent	
Instance on Ground Floor	Inspected
Pendant Mounted	
Instance on Ground Floor	Does not exist
Surface Mounted	
Instance on Ground Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on Ground Floor	Does not exist
Lighting Fixture - HID	
Instance on Ground Floor	Does not exist
Lighting Fixture - Incandescent	
Instance on Ground Floor	Does not exist
Lighting Fixture - LED	

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Question	Response
CAFETERIA	
Lighting	
Lighting Fixture - LED	
Instance on Ground Floor	Does not exist
Local Sound System	
Instance on Ground Floor	Inspected
Instance Condition	3- Fair
Installation Year	2003
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Projection System	
Instance on Ground Floor	Does not exist
Theater Lighting System	
Instance on Ground 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	No deficiencies recorded
Surface Mounted	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Lighting Fixture - HID	
Lighting Fixture - Incandescent	
Lighting Fixture - LED	
COMPUTER LAB	
Instance on Room 326	Inspected
Power Panel?	Yes
Lighting	
Instance on Room 326	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 326	Inspected
Pendant Mounted	
Instance on Room 326	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Surface Mounted	
Instance on Room 326	Does not exist
Recessed Mounted	
Instance on Room 326	Does not exist
Lighting Fixture - HID	
Instance on Room 326	Does not exist
Lighting Fixture - Incandescent	
Instance on Room 326	Does not exist
Lighting Fixture - LED	
Instance on Room 326	Does not exist
Raceway With Receptacles	
Instance on Room 326	Inspected
Instance Condition	3- Fair

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Question	Response
COMPUTER LAB	
Raceway With Receptacles	
Deficiency	No deficiencies recorded
GYMNASIUM	
Instance on 1st Floor	Inspected
Instance on 1st Floor	Inspected
Lighting	
Instance on 1st Floor	Inspected
Lighting Fixture - Fluorescent	
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	Inspected
Pendant Mounted	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Surface Mounted	
Instance on 1st Floor	Does not exist
Recessed Mounted	
Instance on 1st Floor	Does not exist
Local Sound System	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Installation Year	2003
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Projection System	
Instance on 1st Floor	Does not exist
Scoreboard	
Instance on 1st Floor	Does not exist
Theater Lighting System	
Instance on 1st Floor	Does not exist
KITCHEN	
Instance on Ground Floor	Inspected
Instance on Ground Floor	Inspected
Lighting	
Instance on Ground Floor	Inspected
Lighting Fixture - Fluorescent	
Instance on Ground Floor	Inspected
Pendant Mounted	
Instance on Ground Floor	Does not exist
Surface Mounted	
Instance on Ground Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on Ground Floor	Does not exist
Lighting Fixture - HID	
Instance on Ground Floor	Does not exist
Lighting Fixture - Incandescent	
Instance on Ground Floor	Does not exist
Lighting Fixture - LED	

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Question	Response
KITCHEN	
Lighting	
Lighting Fixture - LED	
Instance on Ground Floor	Does not exist
LIBRARY	
Instance on Room 202	Inspected
Lighting	
Instance on Room 202	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 202	Inspected
Pendant Mounted	
Instance on Room 202	Does not exist
Surface Mounted	
Instance on Room 202	Does not exist
Recessed Mounted	
Instance on Room 202	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Lighting Fixture - HID	
Instance on Room 202	Does not exist
Lighting Fixture - Incandescent	
Instance on Room 202	Does not exist
Lighting Fixture - LED	
Instance on Room 202	Does not exist
Raceway With Receptacles	
Instance on Room 202	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Projection System	
Instance on Room 202	Does not exist
LOCKER ROOM	
	Does not exist
MULTIPURPOSE ROOM	
	Does not exist
SCIENCE DEMO ROOM	
	Does not exist
SCIENCE LAB	
Instance on Room 331	Inspected
Power Panel?	Yes
Alternative Use	No
Lighting	
Instance on Room 331	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 331	Inspected
Pendant Mounted	
Instance on Room 331	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Surface Mounted	
Instance on Room 331	Does not exist
Recessed Mounted	
Instance on Room 331	Does not exist
Lighting Fixture - HID	
Instance on Room 331	Does not exist
Lighting Fixture - Incandescent	
Instance on Room 331	Inspected

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Question	Response
SCIENCE LAB	
Lighting	
Lighting Fixture - Incandescent	
Pendant Mounted	
Instance on Room 331	Does not exist
Surface Mounted	
Instance on Room 331	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on Room 331	Does not exist
Lighting Fixture - LED	
Instance on Room 331	Does not exist
Emergency Gas Shut-Off Valve	
Instance on Room 331	Does not exist
Emergency Shut-Off Power	
Instance on Room 331	Does not exist
Power Supply	
Instance on Room 331	Inspected
Instructor Unit	
Instance on Room 331	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Meter Demonstration Unit	
Instance on Room 331	Does not exist
Student Unit	
Instance on Room 331	Does not exist
Projection System	
Instance on Room 331	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	
Condition	2- Between Good and 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	
TOILET ROOM - STUDENT	
Inspected	
Lighting	
Inspected	
Lighting Fixture - Fluorescent	
Inspected	
Pendant Mounted	
Does not exist	
Surface Mounted	
Condition	2- Between Good and 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	
AUXILIARY SIGNAL/BELL SYSTEM	
Inspected	

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Question	Response
AUXILIARY SIGNAL/BELL SYSTEM	
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	
Condition	3- Fair
Deficiency	LESS THAN 20% SPARE CIRCUIT BREAKERS
Deficiency Location/Instance	Electrical Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL NEW PANEL BOARD
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 2
Violations	No violations recorded
EMERGENCY LIGHTING	
	Inspected
Battery Pack	
	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Non Battery Pack	
	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
EXIT LIGHT	
	Inspected
Battery Pack	
	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Non Battery Pack	
	Does not exist
EXIT/EMERGENCY LIGHT	
	Does not exist
FIRE ALARM SYSTEM	
	Inspected
Bell/Horn	
	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Strobe	
	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Manual Pull Station	
	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Fan Shutdown Control	
	Does not exist
Duct Smoke Detector	
	Does not exist
Area Smoke Detector	
	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
CO Detector	
	Does not exist
Heat Detector	
	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Elevator Recall	
	Does not exist
Magnetic Door Holder/Contactor	
	Does not exist
Fused Cutout Panel	
	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Fire Alarm Digital Communicator	
	Does not exist
Main Panel	
	Inspected

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Question	Response
FIRE ALARM SYSTEM	
Main Panel	
Bell At Panel	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Fire Alarm Control Panel (Electronic)	Inspected
Instance	Main Entrance Lobby
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Edwards System Technology
Model	EST 2
EquipmentId	Fire Alarm Control Panel
Installation Year	2004
Source of Installation Year	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	3- Fair
Deficiency	No deficiencies recorded
Printer	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Punch Register	Does not exist
Sprinkler Flow/Air Pressure Switch	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Tamper Flow Switch/Chain	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
GROUNDING SYSTEM	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
INTERCOM SYSTEM	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	Under construction
MOTOR CONTROLLER	Inspected
MOTOR CONTROL CENTER	Does not exist
MOTOR STARTER/CONTACTOR	Under construction
Variable Frequency Drive	Under construction
PANEL BOARD	Inspected
Fused Disconnect Switch Type	Inspected
Condition	3- Fair
Deficiency	PANEL BOARD BEYOND USEFUL LIFE
Deficiency Location/Instance	Boiler Room, 2nd Floor Mechanical Room

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Question	Response
PANEL BOARD	
Fused Disconnect Switch Type	
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Fused Knife Switch Type	Does not exist
Fused Toggle Switch Type	Inspected
Condition	3- Fair
Deficiency	PANEL BOARD BEYOND USEFUL LIFE
Deficiency Location/Instance	Electrical Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Molded Case Circuit Breaker Type	Inspected
Condition	2- Between Good and Fair
Deficiency	PANEL BOARD BEYOND USEFUL LIFE
Deficiency Location/Instance	Corridor near Rooms 125, G28A
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	NO SPARE
Deficiency Location/Instance	Kitchen, Corridor near Rooms 225, 104, 109, 125, G11
Deficiency Quantity	7
Quantity Uom	EACH
Potential Action	REPLACE PANEL BOARD
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
PUBLIC ADDRESS SYSTEM	Inspected
Instance	General Office - Room 112
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Plena Mixer Amplifier
Installation Year	2003
Source of Installation Year	Documented
Deficiency	CLOCK NOT OPERATIONAL
Deficiency Location/Instance	Room 131
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
SECURITY	Inspected
IPDVS/CCTV System	Does not exist
Intrusion Alarm System	Inspected

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Question	Response
SECURITY	
Intrusion Alarm System	
Central Control Panel	Inspected
Instance	Custodian's Office - Room 103
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Vista - 128B
Installation Year	2001
Source of Installation Year	Documented
Deficiency	No deficiencies 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
Lighting - Security	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
SERVICE SWITCH	Under construction
SWITCHBOARD	Inspected
Number of Spares	2
Fused Disconnect Switch Type	Inspected
Instance	Electrical Room
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Royal Switchboard Co.
EquipmentId	Main Distribution Panel
Capacity/Size Quantity	2000
Capacity/Size UOM	Amps Total
Capacity/Size 2 Quantity	2
Capacity/Size 2 UOM	Section(s)
Source of Capacity/Size	Service Switch Size
Installation Year	1964
Source of Installation Year	Documented
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	Electrical Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Fused Knife Switch Type	Does not exist
Molded Case Circuit Breaker Type	Does not exist
TELEPHONE SYSTEM	Inspected
PBX/Intercom	Inspected

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Question	Response
TELEPHONE SYSTEM	
PBX/Intercom	
Condition	3- Fair
Deficiency	No deficiencies recorded
Standard	
Condition	Inspected
Deficiency	No deficiencies recorded
TRANSFORMER	
	Does not exist