

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

Electrical Inspection

X109

Asset: P.S. 109 - BRONX, 1771 POPHAM AVENUE, BRONX, NY, 10453

Inspection Id	Inspection Type	Time In	Last Edited
1471	ELECTRICAL	2023-12-06 08:53AM	2023-12-22 03:11PM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: LAN Years: 2023 Systems: Auditorium Retrofitted LED Lighting Years: 2021 Systems: Partial Emergency Lighting (Battery Pack) Years: 2018 Systems: IPDVS/CCTV System Years: 2016 Systems: Auditorium (Local Sound System, Theater Lighting System, Projection System) Years: 2015 Systems: Security Lights Years: 2012, 1999 Systems: Cafeteria (Fluorescent Lighting), Telephone System Years: 2012 Systems: Partial Molded Case Circuit Breaker Panel Boards Years: 2011, 1990 Systems: Computer Lab Room 215 (Raceway with Receptacles) Years: 2011 Systems: Interior Lighting (Except Cafeteria), Public Address System, Local Sound System (Gymnasium, Cafeteria), Fire Alarm System (Except Flow/Air Pressure Switch, Standard Sub-Panel) Years: 1999 Systems: Intrusion Alarm System, Emergency Light/Exit Light Panel Years: 1996
Type of Service	Below Ground
Does Interactive Whiteboard (IWB) Exist?	Yes
Water Penetration In Electrical Room?	No

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 1st Floor	Inspected
House Lighting	
Instance on 1st Floor	Inspected
Does a Chandelier Exist?	No
Lighting Fixture - Fluorescent	
Instance on 1st Floor	Inspected
Pendant Mounted	
Instance on 1st Floor	Does not exist

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Question	Response
AUDITORIUM	
House Lighting	
Lighting Fixture - Fluorescent	
Pendant Mounted	
Surface Mounted	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
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	Does not exist
Surface Mounted	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on 1st Floor	Does not exist
Local Sound System	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Installation Year	2015
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Projection System	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Is the projector on a cart or installed on the ceiling?	Ceiling
Deficiency	No deficiencies recorded
Theater Lighting System	
Instance on 1st Floor	Inspected
Dimming System	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Theater Lighting	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
CAFETERIA	
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	Does not exist
Surface Mounted	

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Question	Response
CAFETERIA	
Lighting	
Lighting Fixture - Fluorescent	
Surface Mounted	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
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
Local Sound System	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Installation Year	1999
Source of Installation Year	Documented
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	Cafeteria-1st Floor
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations 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	No deficiencies 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	
Inspected	
Instance on Room 215	Inspected
Power Panel?	Yes
Lighting	
Instance on Room 215	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 215	Inspected
Pendant Mounted	
Instance on Room 215	Does not exist

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Question	Response
COMPUTER LAB	
Lighting	
Lighting Fixture - Fluorescent	
Pendant Mounted	
Surface Mounted	
Instance on Room 215	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on Room 215	Does not exist
Lighting Fixture - HID	
Instance on Room 215	Does not exist
Lighting Fixture - Incandescent	
Instance on Room 215	Does not exist
Lighting Fixture - LED	
Instance on Room 215	Does not exist
Raceway With Receptacles	
Instance on Room 215	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
GYMNASIUM	
Instance on Basement	Inspected
Lighting	
Instance on Basement	Inspected
Lighting Fixture - Fluorescent	
Instance on Basement	Inspected
Pendant Mounted	
Instance on Basement	Does not exist
Surface Mounted	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on Basement	Does not exist
Lighting Fixture - HID	
Instance on Basement	Inspected
Pendant Mounted	
Instance on Basement	Does not exist
Surface Mounted	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on Basement	Does not exist
Lighting Fixture - Incandescent	
Instance on Basement	Does not exist
Lighting Fixture - LED	
Instance on Basement	Does not exist
Local Sound System	
Instance on Basement	Inspected
Instance Condition	3- Fair
Installation Year	1999
Source of Installation Year	Documented
Deficiency	BEYOND USEFUL LIFE

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Question	Response
GYMNASIUM	
Local Sound System	
Deficiency Location/Instance	Gymnasium-Basement
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Projection System	
Instance on Basement	Does not exist
Scoreboard	
Instance on Basement	Does not exist
Theater Lighting System	
Instance on Basement	Does not exist
KITCHEN	
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	Does not exist
Surface Mounted	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on 1st Floor	Does not exist
Lighting Fixture - HID	
Instance on 1st Floor	Does not exist
Lighting Fixture - Incandescent	
Instance on 1st Floor	Inspected
Pendant Mounted	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Surface Mounted	
Instance on 1st Floor	Does not exist
Recessed Mounted	
Instance on 1st Floor	Does not exist
Lighting Fixture - LED	
Instance on 1st Floor	Does not exist
LIBRARY	
Instance on Room 202/204	Inspected
Instance on Room 202/204	Inspected
Lighting	
Instance on Room 202/204	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 202/204	Inspected
Pendant Mounted	
Instance on Room 202/204	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Surface Mounted	

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Question	Response
LIBRARY	
Lighting	
Lighting Fixture - Fluorescent	
Surface Mounted	
Instance on Room 202/204	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on Room 202/204	Does not exist
Lighting Fixture - HID	
Instance on Room 202/204	Does not exist
Lighting Fixture - Incandescent	
Instance on Room 202/204	Does not exist
Lighting Fixture - LED	
Instance on Room 202/204	Does not exist
Raceway With Receptacles	
Instance on Room 202/204	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Projection System	
Instance on Room 202/204	Does not exist
LOCKER ROOM	Does not exist
MULTIPURPOSE ROOM	Does not exist
SCIENCE DEMO ROOM	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	Does not exist
Surface Mounted	Inspected
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
TOILET ROOM - STUDENT	Inspected
Lighting	Inspected
Lighting Fixture - Fluorescent	Inspected
Pendant Mounted	Does not exist
Surface Mounted	Inspected
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
AUXILIARY SIGNAL/BELL SYSTEM	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
EMERGENCY DC STANDBY BATTERY POWER	Does not exist

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Question	Response
EMERGENCY GENERATOR SET	Does not exist
EMERGENCY LIGHT/EXIT LIGHT PANEL	Inspected
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	2- Between Good and Fair
Deficiency	No deficiencies recorded
Non Battery Pack	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
EXIT LIGHT	Inspected
Battery Pack	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Non Battery Pack	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
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	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Duct Smoke Detector	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
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

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Question	Response
FIRE ALARM SYSTEM	
Fire Alarm Digital Communicator	Does not exist
Main Panel	Inspected
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	Simplex
Model	4020
EquipmentId	Fire Alarm Panel
Installation Year	1999
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Fire Alarm Control Panel (Standard)	Does not exist
Sub-Panel	Inspected
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	Simplex
Model	4009
EquipmentId	Strobe Expander Panel
Installation Year	1999
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Fire Alarm Control Panel (Standard)	Inspected
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	ACME
EquipmentId	N/A
Installation Year	1953
Source of Installation Year	Documented
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	72,000
Quantity Uom	S.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Remote Annunciator	Inspected
Display Monitor	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Panel	Inspected

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Question	Response
FIRE ALARM SYSTEM	
Remote Annunciator	
Panel	
Condition	3- Fair
Deficiency	No deficiencies recorded
Printer	
Condition	Inspected
Deficiency	3- Fair
Deficiency	No deficiencies recorded
Punch Register	
	Does not exist
Sprinkler Flow/Air Pressure Switch	
Condition	Inspected
Deficiency	3- Fair
Deficiency	No deficiencies recorded
Tamper Flow Switch/Chain	
Condition	Inspected
Deficiency	3- Fair
Deficiency	No deficiencies recorded
GROUNDING SYSTEM	
Condition	Inspected
Deficiency	3- Fair
Deficiency	No deficiencies recorded
INTERCOM SYSTEM	
	Does not exist
LAN	
	Inspected
Local Distribution Frame (I/LDF)	
Condition	Inspected
Deficiency	1- Good
Deficiency	No deficiencies recorded
Main Equipment Rack (MDF)	
Condition	Inspected
Deficiency	1- Good
Deficiency	No deficiencies recorded
LIGHTNING PROTECTION	
	Does not exist
MOTOR CONTROLLER	
	Inspected
MOTOR CONTROL CENTER	
	Does not exist
MOTOR STARTER/CONTACTOR	
Condition	Inspected
Deficiency	3- Fair
Deficiency	No deficiencies recorded
Variable Frequency Drive	
	Does not exist
PANEL BOARD	
	Inspected
Fused Disconnect Switch Type	
	Does not exist
Fused Knife Switch Type	
Condition	Inspected
Deficiency	3- Fair
Deficiency	PANEL BOARD BEYOND USEFUL LIFE
Deficiency Location/Instance	Sub Basement Mechanical Room, Penthouse
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 Toggle Switch Type	
Condition	Inspected
Deficiency	3- Fair
Deficiency	PANEL BOARD BEYOND USEFUL LIFE
Deficiency Location/Instance	Electrical Room, Auditorium, Corridor by Room M19
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2

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Question	Response
PANEL BOARD	
Fused Toggle Switch Type	
Violations	No violations recorded
Molded Case Circuit Breaker Type	Inspected
Condition	3- Fair
Deficiency	PANEL BOARD BEYOND USEFUL LIFE
Deficiency Location/Instance	Throughout the Building
Deficiency Quantity	13
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
PUBLIC ADDRESS SYSTEM	
	Inspected
Instance	General Office
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Rauland FAX 250
Installation Year	1999
Source of Installation Year	Documented
Deficiency	CLOCK NOT OPERATIONAL
Deficiency Location/Instance	Throughout the Building
Deficiency Quantity	30
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	Inspected
Condition	2- Between Good and Fair
Installation Year	2016
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Intrusion Alarm System	Inspected
Central Control Panel	Inspected
Instance	Custodian's Office
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Vista - 50P
Installation Year	1996
Source of Installation Year	Documented
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 3
Violations	No violations recorded
Infrared Sensor	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded

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Question	Response
SECURITY	
Intrusion Alarm System	
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	3- Fair
Deficiency	No deficiencies recorded
SERVICE SWITCH	Under construction
SWITCHBOARD	Under construction
TELEPHONE SYSTEM	Inspected
PBX/Intercom	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Standard	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
TRANSFORMER	Does not exist