

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

Electrical Inspection

X170

Asset: P.S. 170 (ECC) - BRONX, 1598 TOWNSEND AVENUE, BRONX, NY, 10452

Inspection Id	Inspection Type	Time In	Last Edited
2121	ELECTRICAL	2024-01-04 10:08AM	2024-01-23 02:16PM

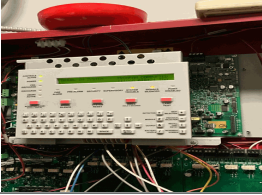

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Library Years: 2023 Systems: Emergency Lighting (Battery Pack), Exit Light (Non Battery Pack) Years: 2018 Systems: Intrusion Alarm System (Partial Remote Annunciator, Most Infrared Sensors, Central Control Panel) Years: 2017 Systems: LAN Years: 2013 Systems: Molded Case Circuit Breaker Panel Board Years: 2000, 1993 Systems: All Other Electrical Systems and Components Years: 1993
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?	Yes
Are dedicated intercoms available in all of these spaces for use during a fire?	Yes
Are all dedicated intercoms operational?	Yes

Priority Condition

Exist Last Year?	Priority Category	Condition Description	Component Affected	Location Description	Person(s) Notified	Person(s) Title	Photo Image
Yes	Water Leaks onto Electrical Equipment	Roof Leak	Lighting Fixture	Room 309	Donald Melhado	Fireman	No Photo Taken
No	Fire Alarm System - Defective	N/A	Fire Alarm System - Main Panel	Custodian's Office - Room 104 - Closet	Donald Melhado	Fireman	
No	Fire Alarm System - Components Not Operational	N/A	Fire Alarm System - Area Smoke Detector	Room C01 Water Meter Room	Donald Melhado	Fireman	

Inspection

Question	Response
Electrical	
ATHLETIC FIELD	Does not exist
AUDITORIUM	Does not exist
CAFETERIA	Inspected
Instance on Room 106	Inspected
Lighting	
Instance on Room 106	Inspected
Lighting Fixture - Fluorescent	

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Question	Response
CAFETERIA	
Lighting	
Lighting Fixture - Fluorescent	
Instance on Room 106	Inspected
Pendant Mounted	
Instance on Room 106	Does not exist
Surface Mounted	
Instance on Room 106	Does not exist
Recessed Mounted	
Instance on Room 106	Inspected
Instance Condition	3- Fair
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE
Deficiency Quantity	22
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Lighting Fixture - HID	
Instance on Room 106	Does not exist
Lighting Fixture - Incandescent	
Instance on Room 106	Does not exist
Lighting Fixture - LED	
Instance on Room 106	Does not exist
Local Sound System	
Instance on Room 106	Inspected
Instance Condition	5- Poor
Installation Year	1993
Source of Installation Year	Documented
Deficiency	AMPLIFIER NOT OPERATIONAL
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE SYSTEM
Urgency of Action	PRIORITY 2
Purpose of Action	LEVEL 2
Violations	No violations recorded
Projection System	
Instance on Room 106	Does not exist
Theater Lighting System	
Instance on Room 106	Does not exist
CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE	
Inspected	Inspected
Lighting	
Does a Chandelier Exist?	No
Lighting Fixture - Fluorescent	
Inspected	Inspected
Pendant Mounted	
Condition	3- Fair
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE
Deficiency Quantity	40
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Surface Mounted	
Inspected	Inspected
Condition	3- Fair

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Question	Response
CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE	
Lighting	
Lighting Fixture - Fluorescent	
Surface Mounted	
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE
Deficiency Quantity	130
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Recessed Mounted	Inspected
Condition	3- Fair
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE
Deficiency Quantity	390
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	LIGHTING FIXTURE BALLAST DEFECTIVE
Deficiency Quantity	15
Quantity Uom	EACH
Potential Action	REPLACE BALLAST
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
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 Rooms 106A, 126	Inspected
Lighting	
Instance on Rooms 106A, 126	Inspected
Lighting Fixture - Fluorescent	
Instance on Rooms 106A, 126	Inspected
Pendant Mounted	
Instance on Rooms 106A, 126	Does not exist
Surface Mounted	
Instance on Rooms 106A, 126	Does not exist
Recessed Mounted	
Instance on Rooms 106A, 126	Inspected
Instance Condition	3- Fair
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE
Deficiency Quantity	15
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Lighting Fixture - HID	
Instance on Rooms 106A, 126	Does not exist
Lighting Fixture - Incandescent	

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Question	Response
KITCHEN	
Lighting	
Lighting Fixture - Incandescent	
Instance on Rooms 106A, 126	Does not exist
Lighting Fixture - LED	
Instance on Rooms 106A, 126	Does not exist
LIBRARY	Inspected
Instance on Room 304A	Inspected
Lighting	
Instance on Room 304A	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 304A	Does not exist
Lighting Fixture - HID	
Instance on Room 304A	Does not exist
Lighting Fixture - Incandescent	
Instance on Room 304A	Does not exist
Lighting Fixture - LED	
Instance on Room 304A	Inspected
Pendant Mounted	
Instance on Room 304A	Does not exist
Surface Mounted	
Instance on Room 304A	Does not exist
Recessed Mounted	
Instance on Room 304A	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Raceway With Receptacles	
Instance on Room 304A	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Projection System	
Instance on Room 304A	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	LIGHTING FIXTURE BEYOND USEFUL LIFE
Deficiency Quantity	8
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Recessed Mounted	Does not exist
Lighting Fixture - HID	Does not exist

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Question	Response
TOILET ROOM - STAFF	
Lighting	
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	LIGHTING FIXTURE BEYOND USEFUL LIFE
Deficiency Quantity	16
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations 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
EMERGENCY GENERATOR SET	Inspected
Automatic Transfer Switch (ATS)	Inspected
Instance	Electrical Meter Room C28
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Kohler Power Systems
EquipmentId	ATS-1
Capacity/Size Quantity	600
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	1993
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	Electrical Meter Room C28
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Kohler Power Systems
EquipmentId	ATS-2
Capacity/Size Quantity	400
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	1993
Source of Installation Year	Documented
Deficiency	PILOT LIGHT NOT OPERATIONAL
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 5

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Question	Response
EMERGENCY GENERATOR SET	
Automatic Transfer Switch (ATS)	
Purpose of Action	LEVEL 2
Violations	No violations recorded
Battery Charger	
Instance	Inspected
Instance Condition	Roof - Emergency Generator
Instance Quantity	3- Fair
Instance Quantity Uom	1
Manufacturer	EACH
EquipmentId	Kohler Power Systems
Capacity/Size Quantity	Automatic Battery Charger
Capacity/Size UOM	10
Capacity/Size 2 Quantity	AmpsDC
Capacity/Size 2 UOM	13
Source of Capacity/Size	VDC
Installation Year	Nameplate
Source of Installation Year	1993
Deficiency	Documented
Emergency Distribution Board	
Number of Spares	Inspected
Fused Disconnect Switch Type	
Does not exist	
Molded Case Circuit Breaker Type	
Instance	Inspected
Instance Condition	Electrical Meter Room C28
Instance Quantity	3- Fair
Instance Quantity Uom	1
Manufacturer	EACH
EquipmentId	Electrotech
Capacity/Size Quantity	Gen. Panel
Capacity/Size UOM	400
Capacity/Size 2 Quantity	Amps Total
Capacity/Size 2 UOM	1
Source of Capacity/Size	Section(s)
Installation Year	Nameplate
Source of Installation Year	1993
Deficiency	Documented
Diesel	
Instance	Inspected
Instance Condition	Roof - Generator Enclosure
Instance Quantity	3- Fair
Instance Quantity Uom	1
Manufacturer	EACH
EquipmentId	Kohler Power Systems
Capacity/Size Quantity	Emergency Generator
Capacity/Size UOM	125
Capacity/Size 2 Quantity	kVA
Capacity/Size 2 UOM	100
Capacity/Size 3 Quantity	kW
Capacity/Size 3 UOM	347
Source of Capacity/Size	Amps
Installation Year	Nameplate
Source of Installation Year	1993
Deficiency	Documented
Natural Gas	
Does not exist	
EMERGENCY LIGHT/EXIT LIGHT PANEL	
Does not exist	

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Question	Response
EMERGENCY LIGHTING	Inspected
Battery Pack	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Non Battery Pack	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
EXIT LIGHT	Inspected
Battery Pack	Does not exist
Non Battery Pack	Inspected
Condition	1- Good
Deficiency	FIXTURE LAMP NOT OPERATIONAL
Deficiency Location/Instance	Staircases A/2, B/2
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 2
Violations	No violations recorded
EXIT/EMERGENCY LIGHT	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
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	DETECTOR NOT OPERATIONAL
Deficiency Location/Instance	Room C01 Water Meter Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
CO Detector	Does not exist
Heat Detector	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Elevator Recall	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded

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Question	Response
FIRE ALARM SYSTEM	
Magnetic Door Holder/Contactor	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Fused Cutout Panel	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
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	Custodian's Office - Room 104 - Closet
Instance Condition	4- Between Fair and Poor
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Notifier
Model	N/A
EquipmentId	Interior Fire Alarm Control Panel
Installation Year	1993
Source of Installation Year	Documented
Deficiency	PANEL DEFECTIVE
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
Fire Alarm Control Panel (Standard)	Does not exist
Sub-Panel	Does not exist
Remote Annunciator	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	
Condition	3- Fair
Deficiency	No deficiencies recorded
INTERCOM SYSTEM	
Elevator	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Holding Area	Does not exist
LAN	
Local Distribution Frame (I/LDF)	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Main Equipment Rack (MDF)	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
LIGHTNING PROTECTION	
	Does not exist

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Question	Response
MOTOR CONTROLLER	Inspected
MOTOR CONTROL CENTER	Does not exist
MOTOR STARTER/CONTACTOR	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Variable Frequency Drive	Does not exist
PANEL BOARD	Inspected
Fused Disconnect Switch Type	Inspected
Condition	3- 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	3- Fair
Deficiency	No deficiencies recorded
PUBLIC ADDRESS SYSTEM	Inspected
Instance	General Office - Room 209
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Dukane 125
Installation Year	1993
Source of Installation Year	Documented
Deficiency	CLOCK NOT OPERATIONAL
Deficiency Location/Instance	Throughout the Building
Deficiency Quantity	20
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
Central Control Panel	Inspected
Instance	Custodian's Office - Room 104 - Closet
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Vista 128BPT
Installation Year	2017
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Infrared Sensor	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Panic Switch	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Remote Annunciator	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Siren/Strobe	Inspected
Condition	3- Fair

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Question	Response
SECURITY	
Intrusion Alarm System	
Siren/Strobe	
Deficiency	No deficiencies recorded
Lighting - Security	
Condition	Inspected
	4- Between Fair and Poor
Deficiency	LIGHTING FIXTURE BALLAST DEFECTIVE
Deficiency Location/Instance	Building Perimeters, Roof
Deficiency Quantity	12
Quantity Uom	EACH
Potential Action	REPLACE BALLAST
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 3
Violations	No violations recorded
SERVICE SWITCH	
	Inspected
Instance	Electrical Meter Room C28
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Siemens
EquipmentId	Service Disconnect
Capacity/Size Quantity	2500
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	1993
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
SWITCHBOARD	
	Inspected
Number of Spares	0
Fused Disconnect Switch Type	
	Inspected
Instance	Electrical Meter Room C28
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Siemens
EquipmentId	Main Dist SWBD
Capacity/Size Quantity	2500
Capacity/Size UOM	Amps Total
Capacity/Size 2 Quantity	2
Capacity/Size 2 UOM	Section(s)
Source of Capacity/Size	Nameplate
Installation Year	1993
Source of Installation Year	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	3- Fair
Deficiency	No deficiencies recorded
Standard	
	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
TRANSFORMER	
	Does not exist