

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Electrical Inspection

K172

Asset: P.S. 172 - BROOKLYN, 825 4TH AVENUE, New York, 11232

Inspection Id	Inspection Type	Time In	Last Edited
EE : K172	Electrical	2023-11-01 7:46 AM	2024-02-26 4:21 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: LAN
	Years: 2023
	Systems: Retrofitted LED Lighting (Students Toilet Rooms - Except 1st Floor, Rooms (105B, 352), Kitchen, Cafeteria, Basement Multipurpose Room, Corridors, Staircases Landings, Boiler Room), Motor Controller (Variable Frequency Drive), Fire Alarm System (Remote Annunciator Panel)
	Years: 2022
	Systems: Motor Controller (Most Motor Starter/Contactor)
	Years: 2020
	Systems: Public Address System (Amplifier), Intrusion Alarm System - Except (Panic Switch, Siren/Strobe)
	Years: 2018
	Systems: 1st Floor Multipurpose Room (Local Sound System)
	Years: 2016
	Systems: Interior Lighting, Most Exit Lights (Battery Pack), Intrusion Alarm System (Panic Switch), Security Lights, Fire Alarm System (Sprinkler Flow/Air Pressure Switch)
	Years: 2015
	Systems: Public Address System, Local Sound System
	Years: 2010
	Systems: Emergency Light/Exit Light Panel
	Years: 2001
	Systems: Partial Molded Case Circuit Breaker Type Panel Board
	Years: 1990, 2001, 2012, 2015

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 Basement	Inspected
Lighting	Inspected
Instance on Basement	Inspected
Lighting Fixture - Fluorescent	
Instance on Basement	Does not Exist

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Question	Response
CAFETERIA	
Lighting	
Lighting Fixture - HID	
Instance on Basement	Does not Exist
Lighting Fixture - Incandescent	
Instance on Basement	Does not Exist
Lighting Fixture - LED	
Instance on Basement	Inspected
Pendant Mounted	
Instance on Basement	Does not Exist
Surface Mounted	
Instance on Basement	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on Basement	Does not Exist
Local Sound System	
Instance on Basement	Inspected
Installation Year	2010
Source of Installation	Inspector Estimate
Condition	3 - Fair
Deficiency	No deficiencies recorded
Projection System	
Instance on Basement	Does not Exist
Theater Lighting System	
Instance on Basement	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	
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	
Does not Exist	

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Question	Response
COMPUTER LAB	Does not Exist
GYMNASIUM	Does not Exist
KITCHEN	Inspected
Instance on Basement	Inspected
Lighting	Inspected
Instance on Basement	Inspected
Lighting Fixture - Fluorescent	
Instance on Basement	Does not Exist
Lighting Fixture - HID	
Instance on Basement	Does not Exist
Lighting Fixture - Incandescent	
Instance on Basement	Does not Exist
Lighting Fixture - LED	
Instance on Basement	Inspected
Pendant Mounted	Inspected
Instance on Basement	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Surface Mounted	Does not Exist
Instance on Basement	Does not Exist
Recessed Mounted	Does not Exist
Instance on Basement	Does not Exist
LIBRARY	Does not Exist
LOCKER ROOM	Does not Exist
MULTIPURPOSE ROOM	Inspected
Instance on 1st Floor	Inspected
Instance on Basement	Inspected
Lighting	Inspected
Instance on Basement	Inspected
Instance on 1st Floor	Inspected
Lighting Fixture - Fluorescent	
Instance on Basement	Does not Exist
Instance on 1st Floor	Inspected
Pendant Mounted	Inspected
Instance on 1st Floor	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
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 Basement	Does not Exist
Instance on 1st Floor	Does not Exist
Lighting Fixture - Incandescent	
Instance on Basement	Does not Exist
Instance on 1st Floor	Does not Exist
Lighting Fixture - LED	

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Question	Response
MULTIPURPOSE ROOM	
Lighting	
Lighting Fixture - LED	
Instance on Basement	Inspected
Instance on 1st Floor	Inspected
Pendant Mounted	
Instance on Basement	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Instance on 1st Floor	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Surface Mounted	
Instance on Basement	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Instance on 1st Floor	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on Basement	Does not Exist
Instance on 1st Floor	Does not Exist
Local Sound System	
Instance on Basement	Inspected
Installation Year	2010
Source of Installation	Inspector Estimate
Condition	3 - Fair
Deficiency	No deficiencies recorded
Instance on 1st Floor	Inspected
Installation Year	2016
Source of Installation	Custodial Staff
Condition	2 - Between Good and Fair
Deficiency	MICROPHONE / JACK NOT OPERATIONAL
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 2
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Projection System	
Instance on Basement	Does not Exist
Instance on 1st Floor	Does not Exist
Theater Lighting System	
Instance on Basement	Does not Exist
Instance on 1st Floor	Inspected
Dimming System	
Instance on 1st Floor	Inspected
Condition	3 - Fair

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Question	Response
MULTIPURPOSE ROOM	
Theater Lighting System	
Dimming System	
Deficiency	DIMMING RACK/LIGHT CONSOLE BEYOND USEFUL LIFE
Deficiency Quantity	1
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.
Theater Lighting	
Instance on 1st Floor	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
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
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	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Surface Mounted	Inspected
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	Inspected
Condition	2 - Between Good and Fair

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Question	Response
TOILET ROOM - STUDENT	
Lighting	
Lighting Fixture - Fluorescent	Inspected
Pendant Mounted	Inspected
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	Inspected
Pendant Mounted	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Surface Mounted	Does not Exist
Recessed Mounted	Does not Exist
AUXILIARY SIGNAL/BELL SYSTEM	Inspected
Replacement Quantity	47,000
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	No deficiencies recorded
EMERGENCY LIGHTING	Inspected
Battery Pack	Inspected
Condition	3 - Fair
Deficiency	BATTERY NOT OPERATIONAL
Deficiency Location/Instance	Basement - By Exit 5, Boiler Room
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE BATTERY
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
Deficiency	No deficiencies recorded
Non Battery Pack	Does not Exist
EXIT/EMERGENCY LIGHT	Does not Exist
FIRE ALARM SYSTEM	Inspected
Replacement Quantity	47,000
Replacement Uom	S.F.

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Question	Response
FIRE ALARM SYSTEM	
Bell/Horn	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Strobe	Does not Exist
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	Does not Exist
CO Detector	Does not Exist
Heat Detector	Does not Exist
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
Bell At Panel	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Fire Alarm Control Panel (Electronic)	Does not Exist
Fire Alarm Control Panel (Standard)	Inspected
Instance	Custodian's Office
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Edwards
Equipment	Fire Alarm Control Panel
Installation Year	1963
Source of Installation	Documented
Deficiency	No deficiencies recorded
Sub-Panel	Inspected
Bell At Panel	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Fire Alarm Control Panel (Electronic)	Does not Exist
Fire Alarm Control Panel (Standard)	Inspected
Instance	Custodian's Office
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	ACME
Equipment	N/A
Installation Year	1963
Source of Installation	Documented
Deficiency	No deficiencies recorded

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Question	Response
FIRE ALARM SYSTEM	
Remote Annunciator	Inspected
Display Monitor	Does not Exist
Panel	Inspected
Condition	1 - Good
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	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	1 - Good
Deficiency	No deficiencies recorded
Main Equipment Rack (MDF)	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
LIGHTNING PROTECTION	Does not Exist
MOTOR CONTROLLER	Inspected
Motor Control Center	Does not Exist
Motor Starter/Contactor	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Variable Frequency Drive	Inspected
Condition	1 - Good
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	Inspected
Condition	3 - Fair
Deficiency	PANEL BOARD BEYOND USEFUL LIFE
Deficiency Location/Instance	Electrical Meter Room (Inside Basement Multipurpose Room)
Deficiency Quantity	1
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.
Molded Case Circuit Breaker Type	Inspected

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Question	Response
PANEL BOARD	
Molded Case Circuit Breaker Type	
Condition	3 - Fair
Deficiency	NO SPARE
Deficiency Location/Instance	Corridor by Room 103
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE PANEL BOARD
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Deficiency	NO SPARE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
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.
Deficiency	PANEL BOARD BEYOND USEFUL LIFE
Deficiency Location/Instance	Corridors - By Rooms (303, 306), Kitchen, Cafeteria, Basement Multipurpose Room, Main Entrance Lobby, Projection Room
Deficiency Quantity	8
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.
Deficiency	PANEL BOARD COVER IS MISSING
Deficiency Location/Instance	Corridors - By Rooms 206, 103
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
PUBLIC ADDRESS SYSTEM	
Replacement Quantity	Inspected
Replacement Quantity	47,000
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	2010

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Question	Response
PUBLIC ADDRESS SYSTEM	Inspected
Source of Installation	Inspector Estimate
Deficiency	No deficiencies recorded
SECURITY	Inspected
IPDVS/CCTV System	Does not Exist
Intrusion Alarm System	Inspected
Replacement Quantity	47,000
Replacement Uom	S.F.
Central Control Panel	Inspected
Instance	Room 150D (Inside Basement Multipurpose Room)
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Vista-128BPT
Installation Year	2018
Source of Installation	Custodial Staff
Deficiency	No deficiencies recorded
Infrared Sensor	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Panic Switch	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Remote Annunciator	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Siren/Stroke	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Lighting - Security	Inaccessible
SERVICE SWITCH	Inspected
Instance	Electrical Meter Room (Inside Basement Multipurpose Room)
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	American Switchboard Co.
Equipment	Service Switch
Capacity/Size Quantity	1,200
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	1963
Source of Installation	Inspector Estimate
Deficiency	No deficiencies recorded
SWITCHBOARD	Inspected
Number of Spares	0
Fused Disconnect Switch Type	Inspected
Instance	Electrical Room (Inside Custodian's Office)
Instance Condition	3 - Fair
Instance Quantity	1

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Question	Response
SWITCHBOARD	
Fused Disconnect Switch Type	
Instance Quantity Uom	EACH
Instance Manufacturer	American Switchboard Co.
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	1963
Source of Installation	Inspector Estimate
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	TELEPHONE MISSING
Deficiency Location/Instance	1st Floor Multipurpose Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL TELEPHONE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Standard	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
TRANSFORMER	Does not Exist