

NYC Department of Education
Building Condition Assessment Survey 2023 - 2024

Electrical Inspection

K162

Asset: I.S. 162 - BROOKLYN, 1390 WILLOUGHBY AVENUE, New York, 11237

Inspection Id	Inspection Type	Time In	Last Edited
EE : K162	Electrical	2024-02-23 7:54 AM	2024-06-21 10:37 AM

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: IPDVS/CCTV System, LAN
	Years: 2023
	Systems: Retrofitted LED Lighting, Security Lights
	Years: 2022
	Systems: Fused Disconnect Switch Type Panel Board
	Years: 2021
	Systems: Fire Alarm System, Public Address System, Local Sound System, Auditorium (Projection System)
	Years: 2019
	Systems: Intrusion Alarm System (Central Control Panel, Infrared Sensors, Partial Remote Annunciator, Siren/Strobe)
	Years: 2018
	Systems: Telephone System
	Years: 2017
	Systems: Exit Lights (Battery Pack)
	Years: 2016, 2022
	Systems: Auditorium, Gymnasium - 1st Floor (LED Lighting)
	Years: 2016
	Systems: Molded Case Circuit Breaker Type Panel Board
	Years: 2009, 2021
	Systems: Emergency Light/Exit Light Panel
	Years: 2009

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?	No
Which spaces do not have dedicated intercoms?	Rooms 101, 201, 301, 401

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

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Question	Response
AUDITORIUM	
House Lighting	
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
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Surface Mounted	
Instance on 1st Floor	Inspected
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
Installation Year	2019
Source of Installation	Custodial Staff
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Projection System	
Is the projector on a cart or installed on the ceiling?	Ceiling
Instance on 1st Floor	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Theater Lighting System	
Instance on 1st Floor	Does not Exist
CAFETERIA	
Instance on Basement - Staff	Inaccessible
Instance on Basement - Students	Inspected
Lighting	
Instance on Basement - Students	Inspected
Lighting Fixture - Fluorescent	
Instance on Basement - Students	Does not Exist
Lighting Fixture - HID	
Instance on Basement - Students	Does not Exist
Lighting Fixture - Incandescent	
Instance on Basement - Students	Does not Exist
Lighting Fixture - LED	
Instance on Basement - Students	Inspected
Pendant Mounted	
Instance on Basement - Students	Does not Exist
Surface Mounted	
Instance on Basement - Students	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded

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Question	Response
CAFETERIA	
Lighting	Inspected
Lighting Fixture - LED	
Recessed Mounted	Does not Exist
Instance on Basement - Students	Does not Exist
Local Sound System	Inspected
Instance on Basement - Students	Inspected
Installation Year	2019
Source of Installation	Custodial Staff
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Projection System	Does not Exist
Instance on Basement - Students	Does not Exist
Theater Lighting System	Does not Exist
Instance on Basement - Students	Does not Exist
CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE	Inspected
Lighting	Inspected
Does a Chandelier exist?	No
Lighting Fixture - Fluorescent	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	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Recessed Mounted	Does not Exist
COMPUTER LAB	Inspected
Instance on Room 211	Inspected
Power Panel	Yes
Lighting	Inspected
Instance on Room 211	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 211	Does not Exist
Lighting Fixture - HID	
Instance on Room 211	Does not Exist
Lighting Fixture - Incandescent	
Instance on Room 211	Does not Exist
Lighting Fixture - LED	
Instance on Room 211	Inspected
Pendant Mounted	Inspected
Instance on Room 211	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Surface Mounted	Does not Exist
Instance on Room 211	Does not Exist
Recessed Mounted	Does not Exist

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Question	Response
COMPUTER LAB	
Lighting	Inspected
Lighting Fixture - LED	
Recessed Mounted	
Instance on Room 211	Does not Exist
Raceway With Receptacles	Inspected
Instance on Room 211	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
GYMNASIUM	Inspected
Instance on 1st Floor	Inspected
Instance on 3rd Floor	Inspected
Lighting	Inspected
Instance on 3rd Floor	Inspected
Instance on 1st Floor	Inspected
Lighting Fixture - Fluorescent	
Instance on 3rd Floor	Does not Exist
Instance on 1st Floor	Does not Exist
Lighting Fixture - HID	
Instance on 3rd Floor	Does not Exist
Instance on 1st Floor	Does not Exist
Lighting Fixture - Incandescent	
Instance on 3rd Floor	Does not Exist
Instance on 1st Floor	Does not Exist
Lighting Fixture - LED	
Instance on 3rd Floor	Inspected
Instance on 1st Floor	Inspected
Pendant Mounted	Does not Exist
Instance on 3rd Floor	Does not Exist
Instance on 1st Floor	Does not Exist
Surface Mounted	Inspected
Instance on 3rd Floor	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Instance on 1st Floor	Does not Exist
Recessed Mounted	Does not Exist
Instance on 3rd Floor	Does not Exist
Instance on 1st Floor	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Local Sound System	Does not Exist
Instance on 3rd Floor	Does not Exist
Instance on 1st Floor	Does not Exist
Projection System	Does not Exist
Instance on 3rd Floor	Does not Exist
Instance on 1st Floor	Does not Exist
Scoreboard	Does not Exist
Instance on 3rd Floor	Does not Exist
Instance on 1st Floor	Does not Exist

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Question	Response
GYMNASIUM	Inspected
Scoreboard	Does not Exist
Theater Lighting System	Does not Exist
Instance on 3rd Floor	Does not Exist
Instance on 1st Floor	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	Does not Exist
Instance on Basement	Does not Exist
Surface Mounted	Does not Exist
Instance on Basement	Does not Exist
Recessed Mounted	Inspected
Instance on Basement	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
LIBRARY	Inspected
Instance on Room 307/309	Inspected
Lighting	Inspected
Instance on Room 307/309	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 307/309	Does not Exist
Lighting Fixture - HID	
Instance on Room 307/309	Does not Exist
Lighting Fixture - Incandescent	
Instance on Room 307/309	Does not Exist
Lighting Fixture - LED	
Instance on Room 307/309	Inspected
Pendant Mounted	Inspected
Instance on Room 307/309	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Surface Mounted	Does not Exist
Instance on Room 307/309	Does not Exist
Recessed Mounted	Does not Exist
Instance on Room 307/309	Does not Exist
Raceway With Receptacles	Inspected
Instance on Room 307/309	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded

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Question	Response
LIBRARY	Inspected
Projection System	Does not Exist
Instance on Room 307/309	Does not Exist
LOCKER ROOM	Does not Exist
MULTIPURPOSE ROOM	Does not Exist
SCIENCE DEMO ROOM	Inspected
Instance on Room 301	Inspected
Power Panel	No
Alternative use	No
Instance on Room 313	Inspected
Power Panel	Yes
Alternative use	Yes
Lighting	Inspected
Instance on Room 313	Inspected
Instance on Room 301	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 313	Does not Exist
Instance on Room 301	Does not Exist
Lighting Fixture - HID	
Instance on Room 313	Does not Exist
Instance on Room 301	Does not Exist
Lighting Fixture - Incandescent	
Instance on Room 313	Does not Exist
Instance on Room 301	Does not Exist
Lighting Fixture - LED	
Instance on Room 313	Inspected
Instance on Room 301	Inspected
Pendant Mounted	Inspected
Instance on Room 313	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Instance on Room 301	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Surface Mounted	Does not Exist
Instance on Room 313	Does not Exist
Instance on Room 301	Does not Exist
Recessed Mounted	Does not Exist
Instance on Room 313	Does not Exist
Instance on Room 301	Does not Exist
Emergency Gas Shut-Off Valve	Inspected
Instance on Room 313	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Instance on Room 301	Does not Exist
Emergency Shut-Off Power	Does not Exist
Instance on Room 313	Does not Exist
Instance on Room 301	Does not Exist
Power Supply	Does not Exist

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Question	Response
SCIENCE DEMO ROOM	
Power Supply	Does not Exist
Instance on Room 313	Does not Exist
Instance on Room 301	Does not Exist
Projection System	Does not Exist
Instance on Room 313	Does not Exist
Instance on Room 301	Does not Exist
SCIENCE LAB	Inspected
Instance on Room 203	Inspected
Power Panel Alternative use	No No
Instance on Room 310	Inspected
Power Panel Alternative use	No Yes
Instance on Room 311	Inspected
Power Panel Alternative use	No Yes
Lighting	Inspected
Instance on Room 311	Inspected
Instance on Room 310	Inspected
Instance on Room 203	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 311	Does not Exist
Instance on Room 310	Does not Exist
Instance on Room 203	Does not Exist
Lighting Fixture - HID	
Instance on Room 311	Does not Exist
Instance on Room 310	Does not Exist
Instance on Room 203	Does not Exist
Lighting Fixture - Incandescent	
Instance on Room 311	Does not Exist
Instance on Room 310	Does not Exist
Instance on Room 203	Does not Exist
Lighting Fixture - LED	
Instance on Room 311	Inspected
Instance on Room 310	Inspected
Instance on Room 203	Inspected
Pendant Mounted	Inspected
Instance on Room 311	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Instance on Room 310	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Instance on Room 203	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Surface Mounted	Does not Exist
Instance on Room 311	Does not Exist

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Question	Response
SCIENCE LAB	
Lighting	
Lighting Fixture - LED	
Surface Mounted	Does not Exist
Instance on Room 310	Does not Exist
Instance on Room 203	Does not Exist
Recessed Mounted	Does not Exist
Instance on Room 311	Does not Exist
Instance on Room 310	Does not Exist
Instance on Room 203	Does not Exist
Emergency Gas Shut-Off Valve	Inspected
Instance on Room 311	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Instance on Room 310	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Instance on Room 203	Does not Exist
Emergency Shut-Off Power	Does not Exist
Instance on Room 311	Does not Exist
Instance on Room 310	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Instance on Room 203	Does not Exist
Power Supply	Does not Exist
Instance on Room 311	Does not Exist
Instance on Room 310	Does not Exist
Instance on Room 203	Does not Exist
Projection System	Does not Exist
Instance on Room 311	Does not Exist
Instance on Room 310	Does not Exist
Instance on Room 203	Does not Exist
SCIENCE PREP ROOM	Does not Exist
SWIMMING POOL	Does not Exist
TOILET ROOM - STAFF	Inspected
Lighting	Inspected
Lighting Fixture - Fluorescent	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	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Recessed Mounted	Does not Exist
TOILET ROOM - STUDENT	Inspected

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Question	Response
TOILET ROOM - STUDENT	
Lighting	Inspected
Lighting Fixture - Fluorescent	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	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Recessed Mounted	Does not Exist
AUXILIARY SIGNAL/BELL SYSTEM	
Replacement Quantity	74,000
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	
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
EMERGENCY LIGHTING	
Battery Pack	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Non Battery Pack	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
EXIT LIGHT	
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	
Replacement Quantity	74,000
Replacement Uom	S.F.
Bell/Horn	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Strobe	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Manual Pull Station	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Fan Shutdown Control	Does not Exist

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Question	Response
FIRE ALARM SYSTEM	
Duct Smoke Detector	Does not Exist
Area Smoke Detector	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
CO Detector	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Heat Detector	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Elevator Recall	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Magnetic Door Holder/Contactor	Does not Exist
Fused Cutout Panel	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Fire Alarm Digital Communicator	Does not Exist
Main Panel	Inspected
Bell At Panel	Does not Exist
Fire Alarm Control Panel (Electronic)	Inspected
Instance	Main Entrance Lobby
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Siemens
Equipment	Fire Alarm Control Panel
Model	FireFinder-XLS
Installation Year	2019
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	1 - Good
Deficiency	No deficiencies recorded
Printer	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Punch Register	Does not Exist
Sprinkler Flow/Air Pressure Switch	Does not Exist
Tamper Flow Switch/Chain	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
GROUNDING SYSTEM	
Condition	3 - Fair

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Question	Response
GROUNDING SYSTEM	Inspected
Deficiency	No deficiencies recorded
INTERCOM SYSTEM	Inspected
Elevator	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Holding Area	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	3 - Fair
Deficiency	No deficiencies recorded
Variable Frequency Drive	Does not Exist
PANEL BOARD	Inspected
Fused Disconnect Switch Type	Inspected
Condition	1 - Good
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	2 - Between Good and Fair
Deficiency	NO SPARE
Deficiency Location/Instance	Corridor by Room 405
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.
PUBLIC ADDRESS SYSTEM	Inspected
Replacement Quantity	74,000
Replacement Uom	S.F.
Instance	General Office
Instance Condition	2 - Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Bogen HTA250A
Installation Year	2019
Source of Installation	Custodial Staff
Deficiency	No deficiencies recorded

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Question	Response
SECURITY	Inspected
IPDVS/CCTV System	Inspected
Replacement Quantity	74,000
Replacement Uom	S.F.
Installation Year	2023
Source of Installation	Custodial Staff
Condition	1 - Good
Deficiency	No deficiencies recorded
Intrusion Alarm System	Inspected
Replacement Quantity	74,000
Replacement Uom	S.F.
Central Control Panel	Inspected
Instance	Custodian's Office
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	3 - Fair
Deficiency	No deficiencies recorded
Remote Annunciator	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Siren/Strobe	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Lighting - Security	Inspected
Replacement Uom	EACH
Condition	1 - Good
Deficiency	No deficiencies recorded
SERVICE SWITCH	Inspected
Instance	Electrical Room (Inside Cafeteria)
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Empire Switchboard
Equipment	N/A
Capacity/Size Quantity	1,200
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	1971
Source of Installation	Inspector Estimate
Deficiency	No deficiencies recorded

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Question	Response
SWITCHBOARD	Inspected
Number of Spares	0
Fused Disconnect Switch Type	Inspected
Instance	MDF Room B32 (Inside Boiler Room)
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Electric 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	Switchboard Mains Size
Installation Year	1971
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	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