

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

Electrical Inspection

M102

Asset: P.S. 102 - MANHATTAN, 315 EAST 113 STREET, MANHATTAN, NY, 10029

Inspection Id	Inspection Type	Time In	Last Edited
813	ELECTRICAL	2023-11-07 09:12AM	2024-01-24 04:28PM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Public Address System (Most Clocks) Years: 2023 Systems: Retrofitted LED Lighting (Except Rooms 303, 304, 305, 306, 307, 308, Boiler Room), Multipurpose Room (LED Lighting), Emergency Lighting (Retrofitted Non Battery Pack), Lighting - Security Years: 2022 Systems: Public Address System (Most Speakers) Years: 2020 Systems: Intrusion Alarm System Years: 2018 Systems: Interior Lighting Years: 2016 Systems: Telephone System, LAN Years: 2015 Systems: Molded Case Circuit Breaker Panel Board, Fire Alarm System, Public Address System, Local Sound System, Service Switch, Switchboard Years: 2008 Systems: Emergency Light/Exit Light Panel Years: 1995
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?	No
Which spaces do not have dedicated intercoms?	Rooms 509, 501, 409, 401, 309, 301, 209, 201

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 2nd Floor	Inspected
House Lighting	
Instance on 2nd Floor	Inspected
Does a Chandelier Exist?	No
Lighting Fixture - Fluorescent	
Instance on 2nd Floor	Does not exist
Lighting Fixture - HID	
Instance on 2nd Floor	Does not exist
Lighting Fixture - Incandescent	
Instance on 2nd Floor	Does not exist
Lighting Fixture - LED	

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Question	Response
AUDITORIUM	
House Lighting	
Lighting Fixture - LED	
Instance on 2nd Floor	Inspected
Pendant Mounted	
Instance on 2nd Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Surface Mounted	
Instance on 2nd Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on 2nd Floor	Does not exist
Local Sound System	
Instance on 2nd Floor	Inspected
Instance Condition	3- Fair
Installation Year	2008
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Projection System	
Instance on 2nd Floor	Does not exist
Theater Lighting System	
Instance on 2nd Floor	Does not exist
CAFETERIA	
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	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	3- Fair
Installation Year	2008
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Projection System	
Instance on 1st Floor	Does not exist
Theater Lighting System	
Instance on 1st Floor	Does not exist

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Question	Response
CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE	Inspected
Lighting	Inspected
Does a Chandelier Exist?	No
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	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	Does not exist
GYMNASIUM	Inspected
Instance on 1st Floor	Inspected
Lighting	Inspected
Instance on 1st Floor	Inspected
Lighting Fixture - Fluorescent	Does not exist
Instance on 1st Floor	Does not exist
Lighting Fixture - HID	Does not exist
Instance on 1st Floor	Does not exist
Lighting Fixture - Incandescent	Does not exist
Instance on 1st Floor	Does not exist
Lighting Fixture - LED	Inspected
Instance on 1st Floor	Inspected
Pendant Mounted	Does not exist
Instance on 1st Floor	Does not exist
Surface Mounted	Inspected
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Recessed Mounted	Does not exist
Instance on 1st Floor	Does not exist
Local Sound System	Inspected
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Installation Year	2008
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Projection System	Does not exist
Instance on 1st Floor	Does not exist
Scoreboard	Does not exist
Instance on 1st Floor	Does not exist
Theater Lighting System	Does not exist
Instance on 1st Floor	Does not exist

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Question	Response
KITCHEN	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	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on 1st Floor	Does not exist
LIBRARY	Inspected
Instance on Room 402	Inspected
Lighting	
Instance on Room 402	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 402	Does not exist
Lighting Fixture - HID	
Instance on Room 402	Does not exist
Lighting Fixture - Incandescent	
Instance on Room 402	Does not exist
Lighting Fixture - LED	
Instance on Room 402	Inspected
Pendant Mounted	
Instance on Room 402	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Surface Mounted	
Instance on Room 402	Does not exist
Recessed Mounted	
Instance on Room 402	Does not exist
Raceway With Receptacles	
Instance on Room 402	Does not exist
Projection System	
Instance on Room 402	Does not exist
LOCKER ROOM	Inspected
Instance on 1st Floor - Boys	Inspected
Alternative Use	Yes
Instance on 2nd Floor - Girls	Inspected
Alternative Use	Yes
Lighting	
Instance on 1st Floor - Boys	Inspected

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Question	Response
LOCKER ROOM	
Lighting	
Instance on 2nd Floor - Girls	Inspected
Lighting Fixture - Fluorescent	
Instance on 1st Floor - Boys	Does not exist
Instance on 2nd Floor - Girls	Does not exist
Lighting Fixture - HID	
Instance on 1st Floor - Boys	Does not exist
Instance on 2nd Floor - Girls	Does not exist
Lighting Fixture - Incandescent	
Instance on 1st Floor - Boys	Does not exist
Instance on 2nd Floor - Girls	Does not exist
Lighting Fixture - LED	
Instance on 1st Floor - Boys	Inspected
Instance on 2nd Floor - Girls	Inspected
Pendant Mounted	
Instance on 1st Floor - Boys	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Instance on 2nd Floor - Girls	Does not exist
Surface Mounted	
Instance on 1st Floor - Boys	Does not exist
Instance on 2nd Floor - Girls	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on 1st Floor - Boys	Does not exist
Instance on 2nd Floor - Girls	Does not exist
MULTIPURPOSE ROOM	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	Does not exist
Surface Mounted	
Instance on 1st Floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on 1st Floor	Does not exist
Local Sound System	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Installation Year	2008
Source of Installation Year	Documented
Deficiency	No deficiencies recorded

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Question	Response
MULTIPURPOSE ROOM	
Projection System	
Instance on 1st Floor	Does not exist
Theater Lighting System	
Instance on 1st Floor	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	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
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	Inspected
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	LESS THAN 20% SPARE CIRCUIT BREAKERS
Deficiency Location/Instance	Electrical Room By Main Entrance
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

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EMERGENCY LIGHTING	
Battery Pack	
Deficiency	BATTERY NOT OPERATIONAL
Deficiency Location/Instance	Auditorium, Cafeteria
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	REPLACE BATTERY
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 2
Violations	No violations recorded
Non Battery Pack	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
EXIT LIGHT	
Battery Pack	
Condition	Inspected
Deficiency	3- Fair
Deficiency	No deficiencies recorded
Non Battery Pack	
Condition	Inspected
Condition	3- Fair
Deficiency	FIXTURE LAMP NOT OPERATIONAL
Deficiency Location/Instance	Auditorium
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 2
Violations	No violations recorded
EXIT/EMERGENCY LIGHT	
Does not exist	
FIRE ALARM SYSTEM	
Inspected	
Bell/Horn	
Condition	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Strobe	
Condition	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Manual Pull Station	
Condition	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Fan Shutdown Control	
Condition	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Duct Smoke Detector	
Condition	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Area Smoke Detector	
Condition	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
CO Detector	
Under construction	
Heat Detector	
Condition	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Elevator Recall	
Does not exist	
Magnetic Door Holder/Contactor	
Does not exist	
Fused Cutout Panel	
Condition	Inspected
Condition	2- Between Good and Fair

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FIRE ALARM SYSTEM	
Fused Cutout Panel	
Deficiency	No deficiencies recorded
Fire Alarm Digital Communicator	Does not exist
Main Panel	Inspected
Bell At Panel	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Fire Alarm Control Panel (Electronic)	Inspected
Instance	Main Entrance Lobby
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	General Electric
Model	EST 2
EquipmentId	Fire Alarm Control Panel
Installation Year	2008
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Fire Alarm Control Panel (Standard)	Does not exist
Sub-Panel	Inspected
Bell At Panel	Does not exist
Fire Alarm Control Panel (Electronic)	Under construction
Fire Alarm Control Panel (Standard)	Does not exist
Remote Annunciator	Inspected
Display Monitor	Does not exist
Panel	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Printer	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Punch Register	Does not exist
Sprinkler Flow/Air Pressure Switch	Does not exist
Tamper Flow Switch/Chain	Inspected
Condition	2- Between Good and 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	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
MOTOR CONTROLLER	Inspected
MOTOR CONTROL CENTER	Does not exist
MOTOR STARTER/CONTACTOR	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded

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Question	Response
MOTOR CONTROLLER	
Variable Frequency Drive	Does not exist
PANEL BOARD	Inspected
Fused Disconnect Switch Type	Does not exist
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 deficiencies recorded
PUBLIC ADDRESS SYSTEM	Inspected
Instance	General Office - 1st Floor Mezzanine
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Biamp MPA250
Installation Year	2008
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
SECURITY	Inspected
IPDVS/CCTV System	Does not exist
Intrusion Alarm System	Inspected
Central Control Panel	Inspected
Instance	Closet By Old Custodian's Office - Room 271A
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Vista 128BPT
Installation Year	2018
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	2- Between Good and Fair
Deficiency	No deficiencies recorded
Remote Annunciator	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Siren/Strobe	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Lighting - Security	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
SERVICE SWITCH	Inspected
Instance	Electrical Room at Main Entrance
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Electrotech
EquipmentId	Bolt Switch 800A SS#1
Capacity/Size Quantity	800
Capacity/Size UOM	Amps

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Question	Response
SERVICE SWITCH	
Source of Capacity/Size	Nameplate
Installation Year	2008
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
SWITCHBOARD	
	Inspected
Number of Spares	3
Fused Disconnect Switch Type	
	Inspected
Instance	Boiler Room
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Electrotech
EquipmentId	Main Switchboard MSA Section 1 and Section 2
Capacity/Size Quantity	800
Capacity/Size UOM	Amps Total
Capacity/Size 2 Quantity	2
Capacity/Size 2 UOM	Section(s)
Source of Capacity/Size	Nameplate
Installation Year	2008
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	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