

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

Electrical Inspection

M898

Asset: P.S. 18 - MANHATTAN, 4124 9TH AVENUE, MANHATTAN, NY, 10034

Inspection Id	Inspection Type	Time In	Last Edited
288	ELECTRICAL	2023-10-19 09:08AM	2023-10-19 03:05PM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Fire Alarm System (Digital Communicator), Intrusion Alarm System (Panic Switch) Years: 2023 Systems: Security Lighting Years: 2022 Systems: Fire Alarm System, Exit/Emergency Light Years: 2021 Systems: Interior Lighting (Except Science Lab), Telephone System Years: 2016 Systems: Exit Lights (Battery Pack), Partial Emergency Lighting (Battery Pack) Years: 2015 Systems: Emergency Generator Set (Battery Charger), Public Address System Years: 2013 Systems: Science Lab Years: 2009 Systems: Intrusion Alarm System Years: 2004 Systems: All Other Electrical Systems and Components Years: 1994
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	Intercom - Not Connected to Remote Monitoring Station	N/A	Intercom System - Elevator	Elevator - Device ID: 1P136867	Albert Rosa	Fireman	No Photo Taken
Yes	Emergency Generator Components - Not Operational	N/A	Emergency Generator	Roof - Emergency Generator Enclosure	Albert Rosa	Fireman	No Photo Taken

Inspection

Question	Response
Electrical	
ATHLETIC FIELD	Does not exist
AUDITORIUM	Does not exist
CAFETERIA	Does not exist
CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE	Inspected
Lighting	Inspected
Does a Chandelier Exist?	No
Lighting Fixture - Fluorescent	Inspected
Pendant Mounted	Does not exist
Surface Mounted	Inspected

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Question	Response
CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE	
Lighting	
Lighting Fixture - Fluorescent	
Surface Mounted	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Recessed Mounted	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies 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	Does not exist
LIBRARY	Does not exist
LOCKER ROOM	Does not exist
MULTIPURPOSE ROOM	Does not exist
SCIENCE DEMO ROOM	Does not exist
SCIENCE LAB	Inspected
Instance on Room 404	Inspected
Power Panel?	Yes
Alternative Use	No
Lighting	
Instance on Room 404	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 404	Inspected
Pendant Mounted	
Instance on Room 404	Does not exist
Surface Mounted	
Instance on Room 404	Does not exist
Recessed Mounted	
Instance on Room 404	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Lighting Fixture - HID	
Instance on Room 404	Does not exist
Lighting Fixture - Incandescent	
Instance on Room 404	Inspected
Pendant Mounted	
Instance on Room 404	Does not exist
Surface Mounted	
Instance on Room 404	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on Room 404	Does not exist
Lighting Fixture - LED	
Instance on Room 404	Does not exist
Emergency Gas Shut-Off Valve	
Instance on Room 404	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded

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Question	Response
SCIENCE LAB	
Emergency Shut-Off Power	
Instance on Room 404	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Power Supply	
Instance on Room 404	Inspected
Instructor Unit	
Instance on Room 404	Inspected
Instance Condition	5- Poor
Deficiency	UNIT NOT OPERATIONAL
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE UNIT
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Meter Demonstration Unit	
Instance on Room 404	Does not exist
Student Unit	
Instance on Room 404	Does not exist
Projection System	
Instance on Room 404	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
SCIENCE PREP ROOM	
SWIMMING POOL	
TOILET ROOM - STAFF	
Lighting	
Lighting Fixture - Fluorescent	
Pendant Mounted	Does not exist
Surface Mounted	Does not exist
Recessed Mounted	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Lighting Fixture - HID	
Lighting Fixture - Incandescent	
Lighting Fixture - LED	
TOILET ROOM - STUDENT	
Lighting	
Lighting Fixture - Fluorescent	
Pendant Mounted	Does not exist
Surface Mounted	Does not exist
Recessed Mounted	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Lighting Fixture - HID	
Lighting Fixture - Incandescent	
Lighting Fixture - LED	
AUXILIARY SIGNAL/BELL SYSTEM	
Condition	3- Fair
Deficiency	No deficiencies recorded
EMERGENCY DC STANDBY BATTERY POWER	
Does not exist	

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Question	Response
EMERGENCY GENERATOR SET	Inspected
Automatic Transfer Switch (ATS)	Inspected
Instance	Electrical Room
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Kohler Power Systems
EquipmentId	Transfer Switch
Capacity/Size Quantity	225
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	1994
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Battery Charger	Inspected
Instance	Roof - Emergency Generator Enclosure
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	SENS
EquipmentId	Battery Charger
Capacity/Size Quantity	3
Capacity/Size UOM	AmpsDC
Capacity/Size 2 Quantity	12
Capacity/Size 2 UOM	VDC
Source of Capacity/Size	Nameplate
Installation Year	2013
Source of Installation Year	Inspector Estimate
Deficiency	No deficiencies recorded
Emergency Distribution Board	Inspected
Number of Spares	3
Fused Disconnect Switch Type	Does not exist
Molded Case Circuit Breaker Type	Inspected
Instance	Electrical Room
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Siemens
EquipmentId	Emergency Panel
Capacity/Size Quantity	225
Capacity/Size UOM	Amps Total
Capacity/Size 2 Quantity	1
Capacity/Size 2 UOM	Section(s)
Source of Capacity/Size	Nameplate
Installation Year	1994
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Diesel	Does not exist
Natural Gas	Inspected
Instance	Roof - Emergency Generator Enclosure
Instance Condition	4- Between Fair and Poor
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Kohler Power Systems
EquipmentId	Emergency Generator
Capacity/Size Quantity	63

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Question	Response
EMERGENCY GENERATOR SET	
Natural Gas	
Capacity/Size UOM	kVA
Capacity/Size 2 Quantity	50
Capacity/Size 2 UOM	kW
Capacity/Size 3 Quantity	173
Capacity/Size 3 UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	1994
Source of Installation Year	Documented
Deficiency	GENERATOR NOT OPERATIONAL
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
EMERGENCY LIGHT/EXIT LIGHT PANEL	Does not exist
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	2- Between Good and Fair
Deficiency	No deficiencies recorded
Non Battery Pack	Does not exist
EXIT/EMERGENCY LIGHT	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
FIRE ALARM SYSTEM	Inspected
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	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Duct Smoke Detector	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Area Smoke Detector	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
CO Detector	Does not exist
Heat Detector	Inspected
Condition	1- Good

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Question	Response
FIRE ALARM SYSTEM	
Heat Detector	
Deficiency	No deficiencies recorded
Elevator Recall	
Condition	Inspected
Deficiency	1- Good
Magnetic Door Holder/Contactor	
	No deficiencies recorded
Fused Cutout Panel	
Condition	Does not exist
Deficiency	Inspected
Fire Alarm Digital Communicator	
Condition	Inspected
Instance	Main Entrance Lobby
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	M2M
EquipmentId	M2M Universal Sole/Dual Path Commercial Fire Cellular Communicator With Dual Capture Interface
Installation Year	2023
Source of Installation Year	Inspector Estimate
Deficiency	No deficiencies recorded
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
Manufacturer	Siemens
Model	FireFinder XLS
EquipmentId	N/A
Installation Year	2021
Source of Installation Year	Inspector Estimate
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	
Condition	Inspected
Deficiency	1- Good
	No deficiencies recorded
Printer	
	Does not exist
Punch Register	
	Does not exist
Sprinkler Flow/Air Pressure Switch	
	Does not exist
Tamper Flow Switch/Chain	
	Does not exist
GROUNDING SYSTEM	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
INTERCOM SYSTEM	
	Inspected
Elevator	
Condition	Inspected
Deficiency	3- Fair
Deficiency Location/Instance	NOT CONNECTED TO REMOTE MONITORING STATION
Deficiency Quantity	Elevator - Device ID: 1P136867
Quantity Uom	1
	EACH

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Question	Response
INTERCOM SYSTEM	
Elevator	
Potential Action	INSTALL CONNECTION
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
Holding Area	Does not exist
LAN	Inspected
Local Distribution Frame (I/LDF)	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Main Equipment Rack (MDF)	Does not exist
LIGHTNING PROTECTION	Does not exist
MOTOR CONTROLLER	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	3- Fair
Deficiency	NO SPARE
Deficiency Location/Instance	3rd Floor Electrical Closet
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL NEW PANEL BOARD
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
PUBLIC ADDRESS SYSTEM	Inspected
Instance	Room 207
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Bogen Quantum Multicom IP
Installation Year	2013
Source of Installation Year	Inspector Estimate
Deficiency	No deficiencies recorded
SECURITY	Inspected
IPDVS/CCTV System	Does not exist
Intrusion Alarm System	Inspected
Central Control Panel	Inspected
Instance	2nd Floor - Electrical Closet
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Vista - 128B
Installation Year	2004
Source of Installation Year	Documented
Deficiency	PANEL NOT CONNECTED TO DOE CENTRAL STATION
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REWIRE
Urgency of Action	PRIORITY 4
Purpose of Action	LEVEL 3
Violations	No violations recorded

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Question	Response
SECURITY	
Intrusion Alarm System	
Infrared Sensor	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Panic Switch	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Remote Annunciator	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Siren/Strobe	Inspected
Condition	3- Fair
Deficiency	SIREN/STROBE NOT OPERATIONAL
Deficiency Location/Instance	Exterior
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 4
Purpose of Action	LEVEL 3
Violations	No violations recorded
Lighting - Security	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
SERVICE SWITCH	
Instance	Electrical Room
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Electric Switchboard
EquipmentId	Main
Capacity/Size Quantity	800
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	1994
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
SWITCHBOARD	
Number of Spares	0
Fused Disconnect Switch Type	
Instance	Electrical Room
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Electric Switchboard
EquipmentId	N/A
Capacity/Size Quantity	1000
Capacity/Size UOM	Amps Total
Capacity/Size 2 Quantity	2
Capacity/Size 2 UOM	Section(s)
Source of Capacity/Size	Nameplate
Installation Year	1994
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Fused Knife Switch Type	Does not exist

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Question	Response
SWITCHBOARD	
Molded Case Circuit Breaker Type	Does not exist
TELEPHONE SYSTEM	
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