

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

Electrical Inspection

M812

Asset: HS FOR MATH, SCI & ENGINEERING - MANHATTAN, 240 CONVENT AVENUE, MANHATTAN, NY, 10031

Inspection Id	Inspection Type	Time In	Last Edited
5226	ELECTRICAL	2024-05-07 11:13AM	2024-05-31 08:42AM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Retrofitted LED Surface Lighting Years: 2023 Systems: Fire Alarm System (Elevator Recall), Intercom System (Elevator) Years: 2022 Systems: Science Rooms (Except Fluorescent Lighting) Years: 2011 Systems: Molded Case Circuit Breaker Type Panel Board Years: 2006, 1987 Systems: Partial Service Switch, Partial Switchboard, All Other Electrical Systems and Components (Except Security Lighting) Years: 2006 Systems: Emergency Light/Exit Light Panel Years: 1987
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 condition recorded							

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	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Surface Mounted	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Recessed Mounted	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Lighting Fixture - HID	Does not exist
Lighting Fixture - Incandescent	Does not exist
Lighting Fixture - LED	Inspected
Pendant Mounted	Does not exist
Surface Mounted	Inspected

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Question	Response
CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE	
Lighting	
Lighting Fixture - LED	
Surface Mounted	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Recessed Mounted	Does not exist
COMPUTER LAB	
Instance on Room B05	Inspected
Power Panel?	Yes
Instance on Room B06	Inspected
Power Panel?	No
Instance on Room C01	Inspected
Power Panel?	No
Lighting	
Instance on Room B05	Inspected
Instance on Room B06	Inspected
Instance on Room C01	Inspected
Lighting Fixture - Fluorescent	
Instance on Room B05	Inspected
Instance on Room B06	Inspected
Instance on Room C01	Inspected
Pendant Mounted	
Instance on Room B05	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Instance on Room B06	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Instance on Room C01	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Surface Mounted	
Instance on Room B05	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Instance on Room B06	Does not exist
Instance on Room C01	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on Room B05	Does not exist
Instance on Room B06	Does not exist
Instance on Room C01	Does not exist
Lighting Fixture - HID	
Instance on Room B05	Does not exist
Instance on Room B06	Does not exist
Instance on Room C01	Does not exist
Lighting Fixture - Incandescent	
Instance on Room B05	Does not exist
Instance on Room B06	Does not exist
Instance on Room C01	Does not exist
Lighting Fixture - LED	

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Question	Response
COMPUTER LAB	
Lighting	
Lighting Fixture - LED	
Instance on Room B05	Does not exist
Instance on Room B06	Does not exist
Instance on Room C01	Does not exist
Raceway With Receptacles	
Instance on Room B05	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Instance on Room B06	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Instance on Room C01	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
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 Rooms 107, 108	Inspected
Power Panel?	Yes
Alternative Use	No
Lighting	
Instance on Rooms 107, 108	Inspected
Lighting Fixture - Fluorescent	
Instance on Rooms 107, 108	Inspected
Pendant Mounted	
Instance on Rooms 107, 108	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Surface Mounted	
Instance on Rooms 107, 108	Does not exist
Recessed Mounted	
Instance on Rooms 107, 108	Does not exist
Lighting Fixture - HID	
Instance on Rooms 107, 108	Does not exist
Lighting Fixture - Incandescent	
Instance on Rooms 107, 108	Inspected
Pendant Mounted	
Instance on Rooms 107, 108	Does not exist
Surface Mounted	
Instance on Rooms 107, 108	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on Rooms 107, 108	Does not exist
Lighting Fixture - LED	
Instance on Rooms 107, 108	Does not exist
Emergency Gas Shut-Off Valve	

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Question	Response
SCIENCE LAB	
Emergency Gas Shut-Off Valve	
Instance on Rooms 107, 108	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Emergency Shut-Off Power	
Instance on Rooms 107, 108	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Power Supply	
Instance on Rooms 107, 108	Inspected
Instructor Unit	
Instance on Rooms 107, 108	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Meter Demonstration Unit	
Instance on Rooms 107, 108	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Student Unit	
Instance on Rooms 107, 108	Does not exist
Projection System	
Instance on Rooms 107, 108	Does not exist
SCIENCE PREP ROOM	
Instance on Room 107A	Inspected
Power Panel?	No
Alternative Use	No
Instance on Room 108A	Inspected
Power Panel?	No
Alternative Use	No
Lighting	
Instance on Room 107A	Inspected
Instance on Room 108A	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 107A	Inspected
Instance on Room 108A	Inspected
Pendant Mounted	
Instance on Room 107A	Does not exist
Instance on Room 108A	Does not exist
Surface Mounted	
Instance on Room 107A	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Instance on Room 108A	Does not exist
Recessed Mounted	
Instance on Room 107A	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Instance on Room 108A	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Lighting Fixture - HID	
Instance on Room 107A	Does not exist

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Question	Response
SCIENCE PREP ROOM	
Lighting	
Lighting Fixture - HID	
Instance on Room 108A	Does not exist
Lighting Fixture - Incandescent	
Instance on Room 107A	Does not exist
Instance on Room 108A	Does not exist
Lighting Fixture - LED	
Instance on Room 107A	Does not exist
Instance on Room 108A	Does not exist
Emergency Gas Shut-Off Valve	
Instance on Room 107A	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Instance on Room 108A	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Emergency Shut-Off Power	
Instance on Room 107A	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Instance on Room 108A	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Power Supply	
Instance on Room 107A	Does not exist
Instance on Room 108A	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	
Does not exist	
Recessed Mounted	
Inspected	
Condition	3- Fair
Deficiency	No deficiencies recorded
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	3- Fair
Deficiency	No deficiencies recorded
Surface Mounted	
Does not exist	
Recessed Mounted	
Inspected	
Condition	3- Fair
Deficiency	No deficiencies recorded
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

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Question	Response
AUXILIARY SIGNAL/BELL SYSTEM	
Deficiency	No deficiencies recorded
EMERGENCY DC STANDBY BATTERY POWER	
	Does not exist
EMERGENCY GENERATOR SET	
Automatic Transfer Switch (ATS)	Inspected
Instance	Electrical Room 19 in Tunnel behind Room B - 17
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Dayton
EquipmentId	Transfer Switch
Capacity/Size Quantity	159
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	2006
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Battery Charger	Does not exist
Emergency Distribution Board	Does not exist
Diesel	Does not exist
Natural Gas	Does not exist
EMERGENCY LIGHT/EXIT LIGHT PANEL	
Condition	3- Fair
Deficiency	No deficiencies recorded
EMERGENCY LIGHTING	
	Inspected
Battery Pack	Does not exist
Non Battery Pack	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
EXIT LIGHT	
	Inspected
Battery Pack	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Non Battery Pack	Does not exist
EXIT/EMERGENCY LIGHT	
	Does not exist
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	No deficiencies recorded

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Question	Response
FIRE ALARM SYSTEM	
CO Detector	Does not exist
Heat Detector	Inspected
Condition	3- Fair
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	3- Fair
Deficiency	No deficiencies recorded
Fire Alarm Digital Communicator	Inspected
Instance	Main Entrance Lobby
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Ademco
EquipmentId	Fire Alarm Communicator
Installation Year	2006
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Main Panel	Inspected
Bell At Panel	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Fire Alarm Control Panel (Electronic)	Inspected
Instance	Main Entrance Lobby
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Edwards System Technology
Model	EST 2
EquipmentId	Fire Alarm Control Panel
Installation Year	2006
Source of Installation Year	Documented
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	3- Fair
Deficiency	No deficiencies recorded
Printer	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Punch Register	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

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Question	Response
GROUNDING SYSTEM	Does not exist
INTERCOM SYSTEM	Inspected
Elevator	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Holding Area	Does not exist
LAN	Inspected
Local Distribution Frame (L/DF)	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Main Equipment Rack (MDF)	Inspected
Condition	3- 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
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	Room B13
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Dukane 250
Installation Year	2006
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
SECURITY	Inspected
IPDVS/CCTV System	Inspected
Condition	3- Fair
Installation Year	2006
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Intrusion Alarm System	Inspected
Central Control Panel	Inspected
Instance	Room B16
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Vista - 128B
Installation Year	2006
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Infrared Sensor	Inspected
Condition	3- Fair

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Question	Response
SECURITY	
Intrusion Alarm System	
Infrared Sensor	
Deficiency	No deficiencies recorded
Panic Switch	
Condition	Inspected
Deficiency	3- Fair
Deficiency	No deficiencies recorded
Remote Annunciator	
Condition	Inspected
Deficiency	3- Fair
Deficiency	No deficiencies recorded
Siren/Strobe	
Condition	Inspected
Deficiency	3- Fair
Deficiency	SIREN/STROBE NOT ACTIVE
Deficiency Location/Instance	Exterior Wall - Facing Convent Avenue
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 4
Purpose of Action	LEVEL 3
Violations	No violations recorded
Lighting - Security	
Condition	Inspected
Condition	3- Fair
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE
Deficiency Location/Instance	Exterior Wall - Building Perimeter
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 3
Violations	No violations recorded
SERVICE SWITCH	
Condition	Inspected
Instance	Electrical Cage in Tunnel behind Room B-17
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Siemens
EquipmentId	Panel DP-D Disconnect Switch
Capacity/Size Quantity	400
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	2006
Source of Installation Year	Inspector Estimate
Deficiency	No deficiencies recorded
Instance	Electrical Cage in Tunnel behind Room B-17
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Metropolitan
EquipmentId	Service 1
Capacity/Size Quantity	800
Capacity/Size UOM	Amps
Source of Capacity/Size	Inspector Estimate
Installation Year	1965
Source of Installation Year	Inspector Estimate
Deficiency	BEYOND USEFUL LIFE

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SERVICE SWITCH	
Deficiency Location/Instance	Electrical Cage in Tunnel behind Room B-17
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Instance	Electrical Cage in Tunnel behind Room B-17
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Metropolitan
EquipmentId	Service 2
Capacity/Size Quantity	800
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	1965
Source of Installation Year	Inspector Estimate
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	Electrical Cage in Tunnel behind Room B-17
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
SWITCHBOARD	Inspected
Number of Spares	10
Fused Disconnect Switch Type	Inspected
Instance	Electrical Room 19 in Tunnel behind Room B-17
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	I.T.E. Imperial Corp.
EquipmentId	Main Dist. Panel No. 1
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	1977
Source of Installation Year	Inspector Estimate
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	Electrical Room 19 in Tunnel behind Room B-17
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Instance	Electrical Room 19 in Tunnel behind Room B-17
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	I.T.E. Imperial Corp.

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Question	Response
SWITCHBOARD	
Fused Disconnect Switch Type	
EquipmentId	Main Dist. Panel No. 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	1977
Source of Installation Year	Inspector Estimate
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	Electrical Room 19 in Tunnel behind Room B-17
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Instance	Computer Lab Room B05
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Siemens
EquipmentId	Panel DP - D
Capacity/Size Quantity	400
Capacity/Size UOM	Amps Total
Capacity/Size 2 Quantity	1
Capacity/Size 2 UOM	Section(s)
Source of Capacity/Size	Service Switch Size
Installation Year	2006
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