

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

Electrical Inspection

M146

Asset: P.S. 146 - MANHATTAN, 421 EAST 106 STREET, MANHATTAN, NY, 10029

Inspection Id	Inspection Type	Time In	Last Edited
2524	ELECTRICAL	2024-01-19 09:24AM	2024-02-13 08:13AM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Exit/Emergency Lights Years: 2023 Systems: Lightning - Security Years: 2022, 2007 Systems: Public Address System (Partial Speakers) Years: 2018 Systems: Telephone System, LAN Years: 2017 Systems: Intrusion Alarm System, Lightning Protection Years: 2015 Systems: Interior Lighting (Except Library, Toilet Rooms), Most Emergency Lighting (Non Battery Pack) Years: 2014 Systems: Public Address System (Master Clock) Years: 2012 Systems: Toilet Rooms (Lighting) Years: 2011 Systems: Fire Alarm System (Electronic Sub-Panel) Years: 2007, 2000 Systems: Library, Auditorium (Theater Lighting System), Public Address System (Amplifier/Tuner), Fire Alarm System (Elevator Recall, Remote Annunciator Panel), Molded Case Circuit Breaker Panel Board, Fused Disconnect Switch Type Panel Board, Partial Service Switch Years: 2007 Systems: Fire Alarm System (Fused Cutout Panel, Duct Smoke Detector, Fan Shutdown Control) Years: 2000 Systems: Emergency Light/Exit Light Panel Years: 1985
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
Yes	Electrical Room Used as Storage	N/A	Electrical Equipment	Electrical Room CR2	Jose Marte	Custodian	No Photo Taken
No	Intercom - Not Operational	N/ A	Intercom System - Elevator	Elevator near Stair Case C	Jose Marte	Custodian	No Photo Taken

Inspection

Question	Response
Electrical	
ATHLETIC FIELD	Does not exist
AUDITORIUM	Inspected
Instance on 1st Floor	Inspected

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Question	Response
AUDITORIUM	
House Lighting	
Instance on 1st Floor	Inspected
Does a Chandelier Exist?	No
Lighting Fixture - Fluorescent	
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
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	Does not exist
Recessed Mounted	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Local Sound System	
Instance on 1st Floor	Inspected
Instance Condition	5- Poor
Installation Year	1965
Source of Installation Year	Documented
Deficiency	AMPLIFIER NOT OPERATIONAL
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE SYSTEM
Urgency of Action	PRIORITY 2
Purpose of Action	LEVEL 2
Violations	No violations recorded
Projection System	
Instance on 1st Floor	Does not exist
Theater Lighting System	
Instance on 1st Floor	Inspected
Dimming System	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Theater Lighting	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded

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Question	Response
CAFETERIA	Inspected
Instance on 1st Floor - Students	Inspected
Lighting	
Instance on 1st Floor - Students	Inspected
Lighting Fixture - Fluorescent	
Instance on 1st Floor - Students	Inspected
Pendant Mounted	
Instance on 1st Floor - Students	Does not exist
Surface Mounted	
Instance on 1st Floor - Students	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on 1st Floor - Students	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Lighting Fixture - HID	
Instance on 1st Floor - Students	Does not exist
Lighting Fixture - Incandescent	
Instance on 1st Floor - Students	Does not exist
Lighting Fixture - LED	
Instance on 1st Floor - Students	Does not exist
Local Sound System	
Instance on 1st Floor - Students	Inspected
Instance Condition	4- Between Fair and Poor
Installation Year	1965
Source of Installation Year	Documented
Deficiency	SYSTEM DEFECTIVE
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE SYSTEM
Urgency of Action	PRIORITY 2
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	Cafeteria-1st Floor - Students
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Projection System	
Instance on 1st Floor - Students	Does not exist
Theater Lighting System	
Instance on 1st Floor - Students	Does not exist
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	LIGHTING FIXTURE BALLAST DEFECTIVE
Deficiency Quantity	2
Quantity Uom	EACH

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Question	Response
CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE	
Lighting	
Lighting Fixture - Fluorescent	
Pendant Mounted	
Potential Action	REPLACE BALLAST
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Surface Mounted	Inspected
Condition	2- Between Good and Fair
Deficiency	LIGHTING FIXTURE NOT OPERATIONAL
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations 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	Inspected
Pendant Mounted	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Surface Mounted	Does not exist
Recessed Mounted	Does not exist
COMPUTER LAB	Does not exist
GYMNASIUM	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	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	5- Poor
Installation Year	1965
Source of Installation Year	Documented

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Question	Response
GYMNASIUM	
Local Sound System	
Deficiency	AMPLIFIER NOT OPERATIONAL
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE SYSTEM
Urgency of Action	PRIORITY 2
Purpose of Action	LEVEL 2
Violations	No violations recorded
Projection System	
Instance on 1st Floor	Does not exist
Scoreboard	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Theater Lighting System	
Instance on 1st Floor	Does not exist
KITCHEN	
Instance on 1st Floor	Inspected
Lighting	
Instance on 1st Floor	Inspected
Lighting Fixture - Fluorescent	
Instance on 1st Floor	Inspected
Pendant Mounted	
Instance on 1st Floor	Does not exist
Surface Mounted	
Instance on 1st Floor	Does not exist
Recessed Mounted	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
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	Does not exist
LIBRARY	
Instance on Room 209	Inspected
Lighting	
Instance on Room 209	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 209	Inspected
Pendant Mounted	
Instance on Room 209	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Surface Mounted	
Instance on Room 209	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on Room 209	Inspected
Instance Condition	3- Fair

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Question	Response
LIBRARY	
Lighting	
Lighting Fixture - Fluorescent	
Recessed Mounted	
Deficiency	No deficiencies recorded
Lighting Fixture - HID	
Instance on Room 209	Does not exist
Lighting Fixture - Incandescent	
Instance on Room 209	Does not exist
Lighting Fixture - LED	
Instance on Room 209	Does not exist
Raceway With Receptacles	
Instance on Room 209	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Projection System	
Instance on Room 209	Does not exist
LOCKER ROOM	Inspected
Instance on 1st Floor Behind Gymnasium	Inaccessible
MULTIPURPOSE ROOM	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	Inspected
Pendant Mounted	Does not exist
Surface Mounted	Inspected
Condition	3- 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	Does not exist
Surface Mounted	Inspected
Condition	3- 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
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

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Question	Response
EMERGENCY LIGHT/EXIT LIGHT PANEL	
Deficiency	No deficiencies recorded
EMERGENCY LIGHTING	Inspected
Battery Pack	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Non Battery Pack	Inspected
Condition	2- Between Good and Fair
Deficiency	FIXTURE NOT OPERATIONAL
Deficiency Location/Instance	Near Room 129 & 133
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 2
Violations	No violations recorded
EXIT LIGHT	Inspected
Battery Pack	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Non Battery Pack	Inspected
Condition	3- Fair
Deficiency	FIXTURE LAMP NOT OPERATIONAL
Deficiency Location/Instance	Exit 12
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	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
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
CO Detector	Does not exist
Heat Detector	Does not exist
Elevator Recall	Inspected

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Question	Response
FIRE ALARM SYSTEM	
Elevator Recall	
Condition	2- Between Good and Fair
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	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	Boiler Room
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	ACME
EquipmentId	Fire Alarm
Installation Year	1965
Source of Installation Year	Documented
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	91,000
Quantity Uom	S.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Sub-Panel	Inspected
Bell At Panel	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Fire Alarm Control Panel (Electronic)	Inspected
Instance	Boiler Room
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Edwards System Technology
Model	EST
EquipmentId	Elevator Smoke Detector Recall Panel
Installation Year	2007
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Pyrotronics
Model	PS-35
EquipmentId	Holding Areas
Installation Year	2000
Source of Installation Year	Documented

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Question	Response
FIRE ALARM SYSTEM	
Sub-Panel	
Fire Alarm Control Panel (Electronic)	
Deficiency	No deficiencies recorded
Fire Alarm Control Panel (Standard)	
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	ACME
EquipmentId	Sprinkler Alarm System
Installation Year	1965
Source of Installation Year	Documented
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	91,000
Quantity Uom	S.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	ACME
EquipmentId	Visual Fire Signal Indicator Cabinet
Installation Year	1965
Source of Installation Year	Documented
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	91,000
Quantity Uom	S.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Remote Annunciator	Inspected
Display Monitor	Does not exist
Panel	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Printer	Does not exist
Punch Register	Does not exist
Sprinkler Flow/Air Pressure Switch	Under construction
Tamper Flow Switch/Chain	Under construction
GROUNDING SYSTEM	
Condition	3- Fair
Deficiency	No deficiencies recorded
INTERCOM SYSTEM	
Elevator	Inspected
Condition	4- Between Fair and Poor
Deficiency	INTERCOM CABINET NOT OPERATIONAL
Deficiency Location/Instance	Inside Elevator near Staircase C
Deficiency Quantity	1

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INTERCOM SYSTEM	
Elevator	
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
Holding Area	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
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	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
MOTOR CONTROLLER	Inspected
MOTOR CONTROL CENTER	Does not exist
MOTOR STARTER/CONTACTOR	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Variable Frequency Drive	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
PANEL BOARD	
Fused Disconnect Switch Type	Inspected
Condition	2- Between Good and Fair
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 deficiencies recorded
PUBLIC ADDRESS SYSTEM	
Instance	General Office - Room 125
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Dukane 125
Installation Year	1965
Source of Installation Year	Documented
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	General Office - Room 125
Deficiency Quantity	91,000
Quantity Uom	S.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
SECURITY	Inspected

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Question	Response
SECURITY	
IPDVS/CCTV System	Does not exist
Intrusion Alarm System	Inspected
Central Control Panel	Inspected
Instance	Custodian's Office - Room 109
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Vista 128BPT
Installation Year	2015
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Infrared Sensor	Inspected
Condition	2- Between Good and Fair
Deficiency	SENSOR NOT OPERATIONAL
Deficiency Location/Instance	Room 340
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 4
Purpose of Action	LEVEL 3
Violations	No violations recorded
Panic Switch	Inspected
Condition	4- Between Fair and Poor
Deficiency	SWITCH NOT OPERATIONAL
Deficiency Location/Instance	Principal's Office
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 4
Purpose of Action	LEVEL 3
Violations	No violations 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	2- Between Good and Fair
Deficiency	No deficiencies recorded
SERVICE SWITCH	Inaccessible
SWITCHBOARD	Inaccessible
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