

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

**Electrical Inspection**

**M918**

**Asset:** P.S./IS 278 - MANHATTAN, 421 WEST 219 STREET, MANHATTAN, NY, 10034

Inspection Id	Inspection Type	Time In	Last Edited
319	ELECTRICAL	2023-10-19 09:08AM	2023-10-20 11:41AM

**Asset Data**

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Fire Alarm System (Main Panel, Digital Communicator, Remote Annunciator Panel) Years: 2023 Systems: Security Lights Years: 2022 Systems: Exit/Emergency Lights Years: 2021 Systems: Public Address System (Amplifier) Years: 2020 Systems: Auditorium (Theater Lighting System) Years: 2016, 2004 Systems: Auditorium (LED Lighting, Local Sound System, Dimming System), Telephone System Years: 2016 Systems: Partial Emergency Lighting (Battery Pack), Partial Exit Lights (Battery Pack) Years: 2015 Systems: Auditorium (Projection System) Years: 2014 Systems: All Other Electrical Systems and Components Years: 2004
Type of Service	Below Ground
Does Interactive Whiteboard (IWB) Exist?	Yes
Water Penetration In Electrical Room?	Yes

**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	Fire Alarm System - Components Not Operational	N/A	Fire Alarm System - Magnetic Door Holder/Contact	Corridor near Room 223	Albert Rosa	Fireman	No Photo Taken
Yes	Water Penetration in Electrical Room	N/A	Electrical Equipment	Electrical Room	Albert Rosa	Fireman	No Photo Taken

**Inspection**

Question	Response
<b>Electrical</b>	
<b>ATHLETIC FIELD</b>	Does not exist
<b>AUDITORIUM</b>	Inspected
Instance on 1st Floor	Inspected
<b>House Lighting</b>	
Instance on 1st Floor	Inspected
Does a Chandelier Exist?	No
<b>Lighting Fixture - Fluorescent</b>	
Instance on 1st Floor	Inspected
<b>Pendant Mounted</b>	

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Question	Response
<b>AUDITORIUM</b>	
<b>House Lighting</b>	
<b>Lighting Fixture - Fluorescent</b>	
<b>Pendant Mounted</b>	
Instance on 1st Floor	Does not exist
<b>Surface Mounted</b>	
Instance on 1st Floor	Does not exist
<b>Recessed Mounted</b>	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Lighting Fixture - HID</b>	
Instance on 1st Floor	Does not exist
<b>Lighting Fixture - Incandescent</b>	
Instance on 1st Floor	Does not exist
<b>Lighting Fixture - LED</b>	
Instance on 1st Floor	Inspected
<b>Pendant Mounted</b>	
Instance on 1st Floor	Does not exist
<b>Surface Mounted</b>	
Instance on 1st Floor	Does not exist
<b>Recessed Mounted</b>	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	LIGHTING FIXTURE BALLAST DEFECTIVE
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE BALLAST
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
<b>Local Sound System</b>	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Installation Year	2016
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
<b>Projection System</b>	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Is the projector on a cart or installed on the ceiling?	Ceiling
Deficiency	No deficiencies recorded
<b>Theater Lighting System</b>	
Instance on 1st Floor	Inspected
<b>Dimming System</b>	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Theater Lighting</b>	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>CAFETERIA</b>	
Instance on 1st Floor	Inspected

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Question	Response
<b>CAFETERIA</b>	
<b>Lighting</b>	
Instance on 1st Floor	Inspected
<b>Lighting Fixture - Fluorescent</b>	
Instance on 1st Floor	Inspected
<b>Pendant Mounted</b>	
Instance on 1st Floor	Does not exist
<b>Surface Mounted</b>	
Instance on 1st Floor	Does not exist
<b>Recessed Mounted</b>	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Lighting Fixture - HID</b>	
Instance on 1st Floor	Does not exist
<b>Lighting Fixture - Incandescent</b>	
Instance on 1st Floor	Does not exist
<b>Lighting Fixture - LED</b>	
Instance on 1st Floor	Does not exist
<b>Local Sound System</b>	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Installation Year	2004
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
<b>Projection System</b>	
Instance on 1st Floor	Does not exist
<b>Theater Lighting System</b>	
Instance on 1st Floor	Does not exist
<b>CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE</b>	Inspected
<b>Lighting</b>	Inspected
Does a Chandelier Exist?	No
<b>Lighting Fixture - Fluorescent</b>	Inspected
<b>Pendant Mounted</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Surface Mounted</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Recessed Mounted</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Lighting Fixture - HID</b>	Does not exist
<b>Lighting Fixture - Incandescent</b>	Does not exist
<b>Lighting Fixture - LED</b>	Does not exist
<b>COMPUTER LAB</b>	Does not exist
<b>GYMNASIUM</b>	Does not exist
<b>KITCHEN</b>	Inspected
Instance on 1st Floor	Inspected
<b>Lighting</b>	
Instance on 1st Floor	Inspected
<b>Lighting Fixture - Fluorescent</b>	
Instance on 1st Floor	Inspected
<b>Pendant Mounted</b>	

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Question	Response
<b>KITCHEN</b>	
<b>Lighting</b>	
<b>Lighting Fixture - Fluorescent</b>	
<b>Pendant Mounted</b>	
Instance on 1st Floor	Does not exist
<b>Surface Mounted</b>	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Recessed Mounted</b>	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Lighting Fixture - HID</b>	
Instance on 1st Floor	Does not exist
<b>Lighting Fixture - Incandescent</b>	
Instance on 1st Floor	Does not exist
<b>Lighting Fixture - LED</b>	
Instance on 1st Floor	Does not exist
<b>LIBRARY</b>	Inspected
Instance on Room 109A	Inspected
<b>Lighting</b>	
Instance on Room 109A	Inspected
<b>Lighting Fixture - Fluorescent</b>	
Instance on Room 109A	Inspected
<b>Pendant Mounted</b>	
Instance on Room 109A	Does not exist
<b>Surface Mounted</b>	
Instance on Room 109A	Does not exist
<b>Recessed Mounted</b>	
Instance on Room 109A	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Lighting Fixture - HID</b>	
Instance on Room 109A	Does not exist
<b>Lighting Fixture - Incandescent</b>	
Instance on Room 109A	Does not exist
<b>Lighting Fixture - LED</b>	
Instance on Room 109A	Does not exist
<b>Raceway With Receptacles</b>	
Instance on Room 109A	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Projection System</b>	
Instance on Room 109A	Does not exist
<b>LOCKER ROOM</b>	Does not exist
<b>MULTIPURPOSE ROOM</b>	Does not exist
<b>SCIENCE DEMO ROOM</b>	Does not exist
<b>SCIENCE LAB</b>	Does not exist
<b>SCIENCE PREP ROOM</b>	Does not exist
<b>SWIMMING POOL</b>	Does not exist
<b>TOILET ROOM - STAFF</b>	Inspected
<b>Lighting</b>	Inspected

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Question	Response
<b>TOILET ROOM - STAFF</b>	
<b>Lighting</b>	
<b>Lighting Fixture - Fluorescent</b>	Inspected
<b>Pendant Mounted</b>	Does not exist
<b>Surface Mounted</b>	Does not exist
<b>Recessed Mounted</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Lighting Fixture - HID</b>	Does not exist
<b>Lighting Fixture - Incandescent</b>	Does not exist
<b>Lighting Fixture - LED</b>	Does not exist
<b>TOILET ROOM - STUDENT</b>	Inspected
<b>Lighting</b>	Inspected
<b>Lighting Fixture - Fluorescent</b>	Inspected
<b>Pendant Mounted</b>	Does not exist
<b>Surface Mounted</b>	Does not exist
<b>Recessed Mounted</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Lighting Fixture - HID</b>	Does not exist
<b>Lighting Fixture - Incandescent</b>	Does not exist
<b>Lighting Fixture - LED</b>	Does not exist
<b>AUXILIARY SIGNAL/BELL SYSTEM</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>EMERGENCY DC STANDBY BATTERY POWER</b>	Does not exist
<b>EMERGENCY GENERATOR SET</b>	Does not exist
<b>EMERGENCY LIGHT/EXIT LIGHT PANEL</b>	Inspected
Condition	3- Fair
Deficiency	LESS THAN 20% SPARE CIRCUIT BREAKERS
Deficiency Location/Instance	Electrical Room
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
<b>EMERGENCY LIGHTING</b>	Inspected
<b>Battery Pack</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Non Battery Pack</b>	Does not exist
<b>EXIT LIGHT</b>	Inspected
<b>Battery Pack</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Non Battery Pack</b>	Does not exist
<b>EXIT/EMERGENCY LIGHT</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>FIRE ALARM SYSTEM</b>	Inspected
<b>Bell/Horn</b>	Inspected
Condition	3- Fair

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<b>Question</b>	<b>Response</b>
<b>FIRE ALARM SYSTEM</b>	
<b>Bell/Horn</b>	
Deficiency	No deficiencies recorded
<b>Strobe</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Manual Pull Station</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Fan Shutdown Control</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Duct Smoke Detector</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Area Smoke Detector</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>CO Detector</b>	Does not exist
<b>Heat Detector</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Elevator Recall</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Magnetic Door Holder/Contactor</b>	Inspected
Condition	4- Between Fair and Poor
Deficiency	CONTACTOR NOT OPERATIONAL
Deficiency Location/Instance	Corridor near Room 223
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	12056487R
<b>Fused Cutout Panel</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Fire Alarm Digital Communicator</b>	Inspected
Instance	Custodian's Office - Room 101A
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
<b>Main Panel</b>	Inspected
<b>Bell At Panel</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Fire Alarm Control Panel (Electronic)</b>	Inspected
Instance	Custodian's Office - Room 101A

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<b>FIRE ALARM SYSTEM</b>	
<b>Main Panel</b>	
<b>Fire Alarm Control Panel (Electronic)</b>	
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Siemens
Model	FC92X
EquipmentId	Fire Alarm Control Panel
Installation Year	2023
Source of Installation Year	Inspector Estimate
Deficiency	No deficiencies recorded
<b>Fire Alarm Control Panel (Standard)</b>	Does not exist
<b>Sub-Panel</b>	Does not exist
<b>Remote Annunciator</b>	Inspected
<b>Display Monitor</b>	Does not exist
<b>Panel</b>	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
<b>Printer</b>	Does not exist
<b>Punch Register</b>	Does not exist
<b>Sprinkler Flow/Air Pressure Switch</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Tamper Flow Switch/Chain</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>GROUNDING SYSTEM</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>INTERCOM SYSTEM</b>	Inspected
<b>Elevator</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Holding Area</b>	Does not exist
<b>LAN</b>	Inspected
<b>Local Distribution Frame (I/LDF)</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Main Equipment Rack (MDF)</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>LIGHTNING PROTECTION</b>	Does not exist
<b>MOTOR CONTROLLER</b>	Inspected
<b>MOTOR CONTROL CENTER</b>	Does not exist
<b>MOTOR STARTER/CONTACTOR</b>	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>Variable Frequency Drive</b>	Does not exist
<b>PANEL BOARD</b>	Inspected
<b>Fused Disconnect Switch Type</b>	Does not exist
<b>Fused Knife Switch Type</b>	Does not exist
<b>Fused Toggle Switch Type</b>	Does not exist
<b>Molded Case Circuit Breaker Type</b>	Inspected

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Question	Response
<b>PANEL BOARD</b>	
<b>Molded Case Circuit Breaker Type</b>	
Condition	3- Fair
Deficiency	No deficiencies recorded
<b>PUBLIC ADDRESS SYSTEM</b>	
Instance	Inspected
Instance Condition	General Office - Room 100A
Instance Quantity	3- Fair
Instance Quantity Uom	1
Model	EACH
Installation Year	Plena Mixer Amplifier
Source of Installation Year	2004
Deficiency	Documented
	No deficiencies recorded
<b>SECURITY</b>	
IPDVS/CCTV System	Inspected
Intrusion Alarm System	Does not exist
Central Control Panel	Inspected
Infrared Sensor	Does not exist
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
Panic Switch	Inspected
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
Remote Annunciator	Inspected
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
Siren/Strobe	Inspected
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
Lighting - Security	Inspected
Condition	Inspected
Deficiency	1- Good
	No deficiencies recorded
<b>SERVICE SWITCH</b>	
Instance	Inspected
Instance Condition	Basement - Electrical Room
Instance Quantity	3- Fair
Instance Quantity Uom	1
Manufacturer	EACH
EquipmentId	Electrotech
Capacity/Size Quantity	N/A
Capacity/Size UOM	2000
Source of Capacity/Size	Amps
Installation Year	Inspector Estimate
Source of Installation Year	2004
Deficiency	Documented
	No deficiencies recorded
<b>SWITCHBOARD</b>	
Number of Spares	Inspected
Fused Disconnect Switch Type	2
Instance	Inspected
Instance Condition	Basement - Electrical Room
Instance Quantity	3- Fair
Instance Quantity Uom	1
Manufacturer	EACH
EquipmentId	Electrotech
	N/A



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<b>SWITCHBOARD</b>	
<b>Fused Disconnect Switch Type</b>	
Capacity/Size Quantity	2000
Capacity/Size UOM	Amps Total
Capacity/Size 2 Quantity	2
Capacity/Size 2 UOM	Section(s)
Source of Capacity/Size	Inspector Estimate
Installation Year	2004
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
<b>Fused Knife Switch Type</b>	Does not exist
<b>Molded Case Circuit Breaker Type</b>	Does not exist
<b>TELEPHONE SYSTEM</b>	Inspected
<b>PBX/Intercom</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>Standard</b>	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
<b>TRANSFORMER</b>	Does not exist