

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

Electrical Inspection

R022

Asset: P.S. 22 - STATEN ISLAND, 1860 FOREST AVENUE, STATEN ISLAND, NY, 10303

Inspection Id	Inspection Type	Time In	Last Edited
4568	ELECTRICAL	2024-04-08 08:42AM	2024-05-16 10:38AM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Variable Frequency Drive, LAN Years: 2022 Systems: Fused Disconnect Switch Type Panel Board Years: 2019, 1999 Systems: Auditorium (Projection System, Local Sound System) Years: 2019 Systems: Exit/Emergency Lights Years: 2018 Systems: Most Exit Lights (Battery Pack) Years: 2014 Systems: Intrusion Alarm System (Panic Switch) Years: 2013 Systems: Most Molded Case Circuit Breaker Panel Board Years: 2011, 2006, 1999 Systems: IPDVS/CCTV System Years: 2011 Systems: Cafeteria (Local Sound System), Service Switch, Switchboard, Emergency Generator Set, Fire Alarm System, Emergency Light/Exit Light Panel, Intrusion Alarm System Years: 1999
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		No condition recorded					

Inspection

Question	Response
Electrical	
ATHLETIC FIELD	Does not exist
AUDITORIUM	Inspected
Instance on 1st Floor	Inspected
House Lighting	
Instance on 1st Floor	Under construction
Local Sound System	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Installation Year	2019
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Projection System	
Instance on 1st Floor	Inspected
Instance Condition	1- Good
Is the projector on a cart or installed on the ceiling?	Ceiling

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

Electrical Inspection

R022

Question	Response
AUDITORIUM	
Projection System	
Deficiency	No deficiencies recorded
Theater Lighting System	
Instance on 1st Floor	Does not exist
CAFETERIA	
	Inspected
Instance on 1st Floor	Inspected
Instance on Basement	Inspected
Lighting	
Instance on 1st Floor	Under construction
Instance on Basement	Under construction
Local Sound System	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Installation Year	1999
Source of Installation Year	Documented
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	Cafeteria-1st Floor
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Instance on Basement	Inspected
Instance Condition	3- Fair
Installation Year	1999
Source of Installation Year	Documented
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	Cafeteria-Basement
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	Does not exist
Instance on Basement	Does not exist
Theater Lighting System	
Instance on 1st Floor	Does not exist
Instance on Basement	Does not exist
CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE	
	Inspected
Lighting	Under construction
COMPUTER LAB	
	Does not exist
GYMNASIUM	
	Inspected
Instance on 1st Floor	Inspected
Lighting	
Instance on 1st Floor	Under construction
Local Sound System	
Instance on 1st Floor	Inspected
Instance Condition	5- Poor
Installation Year	1982
Source of Installation Year	Documented
Deficiency	AMPLIFIER NOT OPERATIONAL

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

Electrical Inspection

R022

Question	Response
GYMNASIUM	
Local Sound System	
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	Does not exist
Theater Lighting System	
Instance on 1st Floor	Does not exist
KITCHEN	
Instance on 1st Floor	Inspected
Instance on Basement	Inspected
Lighting	
Instance on 1st Floor	Under construction
Instance on Basement	Under construction
LIBRARY	
Instance on Room 210	Inspected
Lighting	
Instance on Room 210	Under construction
Raceway With Receptacles	
Instance on Room 210	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Projection System	
Instance on Room 210	Does not exist
LOCKER ROOM	
	Does not exist
MULTIPURPOSE ROOM	
	Does not exist
SCIENCE DEMO ROOM	
Instance on Room 225	Inspected
Power Panel?	No
Alternative Use	Yes
Lighting	
Instance on Room 225	Under construction
Emergency Gas Shut-Off Valve	
Instance on Room 225	Does not exist
Emergency Shut-Off Power	
Instance on Room 225	Does not exist
Power Supply	
Instance on Room 225	Does not exist
Projection System	
Instance on Room 225	Does not exist
SCIENCE LAB	
	Does not exist
SCIENCE PREP ROOM	
	Does not exist
SWIMMING POOL	
	Does not exist
TOILET ROOM - STAFF	
Lighting	Under construction
TOILET ROOM - STUDENT	
Lighting	Under construction

NYC Department of Education
Building Condition Assessment Survey 2023-2024

Electrical Inspection

R022

Question	Response
AUXILIARY SIGNAL/BELL SYSTEM	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
EMERGENCY DC STANDBY BATTERY POWER	Does not exist
EMERGENCY GENERATOR SET	Inspected
Automatic Transfer Switch (ATS)	Inspected
Instance	Electrical Distribution Room 204
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	ASCO
EquipmentId	Generator Transfer Switch
Capacity/Size Quantity	400
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	1999
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Battery Charger	Inspected
Instance	1999 Wing Roof
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	La Marche
EquipmentId	Battery Charger
Capacity/Size Quantity	10
Capacity/Size UOM	AmpsDC
Capacity/Size 2 Quantity	24
Capacity/Size 2 UOM	VDC
Source of Capacity/Size	Nameplate
Installation Year	1999
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Emergency Distribution Board	Inspected
Number of Spares	8
Fused Disconnect Switch Type	Inspected
Instance	Electrical Distribution Room 204
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Square D
EquipmentId	N/A
Capacity/Size Quantity	400
Capacity/Size UOM	Amps Total
Capacity/Size 2 Quantity	1
Capacity/Size 2 UOM	Section(s)
Source of Capacity/Size	Nameplate
Installation Year	1999
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Molded Case Circuit Breaker Type	Does not exist
Diesel	Inspected
Instance	1999 Wing Roof
Instance Condition	3- Fair
Instance Quantity	1

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

Electrical Inspection

R022

Question	Response
EMERGENCY GENERATOR SET	
Diesel	
Instance Quantity Uom	EACH
Manufacturer	Caterpillar
EquipmentId	Emergency Generator
Capacity/Size Quantity	288
Capacity/Size UOM	kVA
Capacity/Size 2 Quantity	230
Capacity/Size 2 UOM	kW
Capacity/Size 3 Quantity	346
Capacity/Size 3 UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	1999
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Natural Gas	Does not exist
EMERGENCY LIGHT/EXIT LIGHT PANEL	
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
EMERGENCY LIGHTING	
	Inspected
Battery Pack	
	Inspected
Condition	3- Fair
Deficiency	FIXTURE NOT OPERATIONAL
Deficiency Location/Instance	Cafeterias, Boiler Room
Deficiency Quantity	5
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 2
Violations	No violations 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	3- Fair
Deficiency	No deficiencies recorded
Strobe	
	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded

NYC Department of Education
Building Condition Assessment Survey 2023-2024

Electrical Inspection

R022

Question	Response
FIRE ALARM SYSTEM	
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	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Elevator Recall	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Magnetic Door Holder/Contactor	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
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)	Inspected
Instance	Main Entrance Lobby
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Edwards System Technology
Model	EST 3
EquipmentId	Fire Alarm Control Panel
Installation Year	1999
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

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

Electrical Inspection

R022

Question	Response
FIRE ALARM SYSTEM	
Sprinkler Flow/Air Pressure Switch	
Condition	3- Fair
Deficiency	No deficiencies recorded
Tamper Flow Switch/Chain	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
GROUNDING SYSTEM	
Condition	3- Fair
Deficiency	No deficiencies recorded
INTERCOM SYSTEM	
Elevator	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Holding Area	Does not exist
LAN	
Local Distribution Frame (I/LDF)	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Main Equipment Rack (MDF)	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
LIGHTNING PROTECTION	
Under construction	
MOTOR CONTROLLER	
Inspected	
MOTOR CONTROL CENTER	
Does not exist	
MOTOR STARTER/CONTACTOR	
Condition	3- Fair
Deficiency	No deficiencies recorded
Variable Frequency Drive	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
PANEL BOARD	
Inspected	
Fused Disconnect Switch Type	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Fused Knife Switch Type	Inspected
Condition	3- Fair
Deficiency	PANEL BOARD BEYOND USEFUL LIFE
Deficiency Location/Instance	Basement Mechanical Room, Corridor near Room 122
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Fused Toggle Switch Type	Inspected
Condition	3- Fair
Deficiency	PANEL BOARD BEYOND USEFUL LIFE
Deficiency Location/Instance	Corridor near Rooms 228, 207, Boiler Room
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2

NYC Department of Education
Building Condition Assessment Survey 2023-2024

Electrical Inspection

R022

Question	Response
PANEL BOARD	
Fused Toggle Switch Type	
Violations	No violations recorded
Molded Case Circuit Breaker Type	Inspected
Condition	3- Fair
Deficiency	PANEL BOARD DOOR LOCK IS MISSING
Deficiency Location/Instance	Boiler Room, Basement Mechanical Room
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 2
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	NO SPARE
Deficiency Location/Instance	1st Floor Kitchen
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
Deficiency	NO SPARE
Deficiency Location/Instance	Corridor near Room 117
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE PANEL BOARD
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	PANEL BOARD BEYOND USEFUL LIFE
Deficiency Location/Instance	Electrical Room, Basement Kitchen, Corridor near Room 214
Deficiency Quantity	5
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
PUBLIC ADDRESS SYSTEM	Inspected
Instance	General Office - Room 115
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Rauland TC4001
Installation Year	1982
Source of Installation Year	Documented
Deficiency	CLOCK NOT OPERATIONAL
Deficiency Location/Instance	Classrooms and Corridors
Deficiency Quantity	15
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	General Office - Room 115
Deficiency Quantity	97,000

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

Electrical Inspection

R022

Question	Response
PUBLIC ADDRESS SYSTEM	
Quantity Uom	S.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
SECURITY	
	Inspected
IPDVS/CCTV System	
	Inspected
Condition	3- Fair
Installation Year	2011
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Intrusion Alarm System	
	Inspected
Central Control Panel	
	Inspected
Instance	Custodian's Office - Room 201
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Vista - 50P
Installation Year	1999
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Infrared Sensor	
	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Panic Switch	
	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Remote Annunciator	
	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Siren/Strobe	
	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Lighting - Security	
	Inaccessible
SERVICE SWITCH	
	Inspected
Instance	Electrical Room
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Square D
EquipmentId	2500 Amp Main Service System
Capacity/Size Quantity	2500
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	1999
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
SWITCHBOARD	
	Inspected
Number of Spares	2
Fused Disconnect Switch Type	
	Inspected
Instance	Electrical Room
Instance Condition	3- Fair
Instance Quantity	1

NYC Department of Education
Building Condition Assessment Survey 2023-2024

Electrical Inspection

R022

Question	Response
SWITCHBOARD	
Fused Disconnect Switch Type	
Instance Quantity Uom	EACH
Manufacturer	Square D
EquipmentId	N/A
Capacity/Size Quantity	2500
Capacity/Size UOM	Amps Total
Capacity/Size 2 Quantity	2
Capacity/Size 2 UOM	Section(s)
Source of Capacity/Size	Nameplate
Installation Year	1999
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