

**NYC Department of Education
Building Condition Assessment Survey 2018-2019**

Electrical Inspection

X021

School: P.S. 21 - BRONX, 715 EAST 225 STREET, BRONX, NY, 10466

InspectionId	Inspection Type	Time In	Last Edited
4764	ELECTRICAL	2019-05-14 07:40AM	2019-05-15 03:23PM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Interior Lighting, Most Non-Battery Pack Type Emergency Lighting, Fire Alarm System, IPDVS/CCTV System Years: 2015 Systems: Public Address System, Local Sound Systems, Exit Lights, Partial Motor Starters Years: 2014 Systems: Partial Molded Case Circuit Breaker Type Panel Boards Years: 2013, 1998 Systems: Most Security Lights Years: 2012, 1998 Systems: Telephone System, LAN Years: 2006 Systems: Intrusion Alarm System Years: 2005 Systems: Partial Service Switch, Emergency Light/Exit Light Panel Years: 1995 Systems: Library (Except Lighting) Years: 2016 Systems: Auditorium (Theater Lighting System, Projection System) Years: 2013
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	
Instance on 1st Floor	Inspected
House Lighting	
Instance on 1st Floor	Inspected
Does a Chandelier Exist?	No
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	

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Question	Response
AUDITORIUM	
House Lighting	
Lighting Fixture - LED	
Instance on 1st Floor	Inspected
Pendant Mounted	
Instance on 1st Floor	Does not exist
Recessed Mounted	
Instance on 1st Floor	Does not exist
Surface Mounted	
Instance on 1st Floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Local Sound System	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Installation Year	2014
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Projection System	
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
Theater Lighting System	
Instance on 1st Floor	Inspected
Dimming System	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Theater Lighting	
Instance on 1st Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
AUXILIARY SIGNAL/BELL SYSTEM	
Condition	Inspected
Deficiency	3- Fair
Deficiency Location/Instance	PUSH BUTTON STATION NOT OPERATIONAL
Deficiency Quantity	Room 106 - General Office
Quantity Uom	1
Potential Action	EACH
Urgency of Action	REPLACE STATION
Purpose of Action	PRIORITY 3
Violations	LEVEL 2
	No violations recorded
CAFETERIA	
Instance on Basement	Inspected
Lighting	
Instance on Basement	Inspected
Lighting Fixture - Fluorescent	
Instance on Basement	Inspected
Pendant Mounted	
Instance on Basement	Does not exist
Recessed Mounted	
Instance on Basement	Does not exist
Surface Mounted	

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Question	Response
CAFETERIA	
Lighting	
Lighting Fixture - Fluorescent	
Surface Mounted	
Instance on Basement	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Lighting Fixture - HID	
Instance on Basement	Does not exist
Lighting Fixture - Incandescent	
Instance on Basement	Does not exist
Lighting Fixture - LED	
Instance on Basement	Does not exist
Local Sound System	
Instance on Basement	Inspected
Instance Condition	2- Between Good and Fair
Installation Year	2014
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Projection System	
Instance on Basement	Does not exist
Theater Lighting System	
Instance on Basement	Does not exist
CITY FIRE ALARM SYSTEM	Inspected
Condition	5- Poor
Deficiency	NOT OPERATIONAL
Deficiency Location/Instance	Corridor By Room 106
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 2
Violations	No violations recorded
CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE	Inspected
Lighting	Inspected
Does a Chandelier Exist?	No
Lighting Fixture - Fluorescent	Inspected
Pendant Mounted	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Recessed Mounted	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Surface Mounted	Inspected
Condition	1- Good
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
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	1- Good
Deficiency	No deficiencies recorded
EXIT LIGHT	Inspected
Battery Pack	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Non Battery Pack	Does not exist
EXIT/EMERGENCY LIGHT	Does not exist
FIRE ALARM SYSTEM	Inspected
Area Smoke Detector	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Bell/Horn	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
CO Detector	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Duct Smoke Detector	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Elevator Recall	Does not exist
Fan Shutdown Control	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Fire Alarm Digital Communicator	Does not exist
Fused Cutout Panel	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Heat Detector	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Magnetic Door Holder/Contactor	Does not exist
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	Edwards System Technology
Model	EST
EquipmentId	N/A
Capacity/Size Quantity	24
Capacity/Size UOM	Zones
Capacity/Size 2 Quantity	1
Capacity/Size 2 UOM	Section(s)

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Question	Response
FIRE ALARM SYSTEM	
Main Panel	
Fire Alarm Control Panel (Electronic)	
Source of Capacity/Size	Inspector Estimate
Installation Year	2015
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Fire Alarm Control Panel (Standard)	
Does not exist	
Manual Pull Station	
Inspected	
Condition	1- Good
Deficiency	No deficiencies recorded
Remote Annunciator	
Inspected	
Display Monitor	
Does not exist	
Panel	
Inspected	
Condition	1- Good
Deficiency	No deficiencies recorded
Printer	
Inspected	
Condition	1- Good
Deficiency	No deficiencies recorded
Punch Register	
Does not exist	
Sprinkler Flow/Air Pressure Switch	
Does not exist	
Strobe	
Inspected	
Condition	1- Good
Deficiency	No deficiencies recorded
Sub-Panel	
Does not exist	
Tamper Flow Switch/Chain	
Inspected	
Condition	1- Good
Deficiency	No deficiencies recorded
GROUNDING SYSTEM	
Inspected	
Condition	3- Fair
Deficiency	No deficiencies recorded
GYMNASIUM	
Instance on 3rd Floor	
Inspected	
Lighting	
Instance on 3rd Floor	
Inspected	
Lighting Fixture - Fluorescent	
Instance on 3rd Floor	
Inspected	
Pendant Mounted	
Instance on 3rd Floor	
Does not exist	
Recessed Mounted	
Instance on 3rd Floor	
Does not exist	
Surface Mounted	
Instance on 3rd Floor	
Inspected	
Instance Condition	
1- Good	
Deficiency	
No deficiencies recorded	
Lighting Fixture - HID	
Instance on 3rd Floor	
Does not exist	
Lighting Fixture - Incandescent	
Instance on 3rd Floor	
Does not exist	
Lighting Fixture - LED	
Instance on 3rd Floor	
Does not exist	
Local Sound System	
Instance on 3rd Floor	
Inspected	
Instance Condition	
2- Between Good and Fair	

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Question	Response
GYMNASIUM	
Local Sound System	
Installation Year	2014
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Projection System	
Instance on 3rd Floor	Does not exist
Scoreboard	
Instance on 3rd Floor	Does not exist
Theater Lighting System	
Instance on 3rd Floor	Does not exist
INTERCOM SYSTEM	
	Does not exist
KITCHEN	
Instance on Basement	Inspected
Lighting	
Instance on Basement	Inspected
Lighting Fixture - Fluorescent	
Instance on Basement	Inspected
Pendant Mounted	
Instance on Basement	Does not exist
Recessed Mounted	
Instance on Basement	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Surface Mounted	
Instance on Basement	Does not exist
Lighting Fixture - HID	
Instance on Basement	Does not exist
Lighting Fixture - Incandescent	
Instance on Basement	Does not exist
Lighting Fixture - LED	
Instance on Basement	Does not exist
LAN	
	Inspected
Local Distribution Frame (I/LDF)	
	Does not exist
Main Equipment Rack (MDF)	
	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
LIBRARY	
Instance on Room 207	Inspected
Lighting	
Instance on Room 207	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 207	Inspected
Pendant Mounted	
Instance on Room 207	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on Room 207	Does not exist
Surface Mounted	
Instance on Room 207	Does not exist
Lighting Fixture - HID	
Instance on Room 207	Does not exist

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Question	Response
LIBRARY	
Lighting	
Lighting Fixture - Incandescent	
Instance on Room 207	Does not exist
Lighting Fixture - LED	
Instance on Room 207	Does not exist
Projection System	
Instance on Room 207	Does not exist
Raceway With Receptacles	
Instance on Room 207	Does not exist
LIGHTNING PROTECTION	Does not exist
LOCKER ROOM	Does not exist
MOTOR CONTROL CENTER	Does not exist
MOTOR STARTER/CONTACTOR	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
MULTIPURPOSE ROOM	
Instance on Basement	Inspected
Lighting	
Instance on Basement	Inspected
Lighting Fixture - Fluorescent	
Instance on Basement	Inspected
Pendant Mounted	
Instance on Basement	Does not exist
Recessed Mounted	
Instance on Basement	Does not exist
Surface Mounted	
Instance on Basement	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Lighting Fixture - HID	
Instance on Basement	Does not exist
Lighting Fixture - Incandescent	
Instance on Basement	Does not exist
Lighting Fixture - LED	
Instance on Basement	Does not exist
Local Sound System	
Instance on Basement	Does not exist
Projection System	
Instance on Basement	Does not exist
Theater Lighting System	
Instance on Basement	Does not exist
PANEL BOARD	Inspected
Fused Disconnect Switch Type	Does not exist
Fused Knife Switch Type	Does not exist
Fused Toggle Switch Type	Inspected
Condition	3- Fair
Deficiency	PANEL BOARD BEYOND USEFUL LIFE
Deficiency Location/Instance	Electrical Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2

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Question	Response
PANEL BOARD	
Fused Toggle Switch Type	
Violations	No violations recorded
Molded Case Circuit Breaker Type	Inspected
Condition	3- Fair
Deficiency	PANEL BOARD DIRECTORY MISSING OR REQUIRES UPDATING
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 2
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	PANEL BOARD COVER IS MISSING
Deficiency Location/Instance	Corridor By Room 305
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	NO SPARE
Deficiency Location/Instance	Room 111; Corridors By Rooms 105, 106, 213
Deficiency Quantity	4
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	Boiler Room, Kitchen, Gymnasium, Room 313; Corridors By Rooms 123, 305
Deficiency Quantity	9
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	Room 106 - General Office
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Dukane 250
Installation Year	2014
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
SCIENCE DEMO ROOM	
	Does not exist
SCIENCE LAB	
	Does not exist
SCIENCE PREP ROOM	
	Does not exist
SECURITY	
	Inspected
Intrusion Alarm System	
	Inspected
Central Control Panel	
	Inspected
Instance	Room 110 - Custodian's Office

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Question	Response
SECURITY	
Intrusion Alarm System	
Central Control Panel	
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Vista - 128B
Installation Year	2005
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Infrared Sensor	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Panic Switch	Inspected
Condition	3- 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
Ultrasonic Sensor	Does not exist
IPDVS/CCTV System	Inspected
Condition	1- Good
Installation Year	2015
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Lighting - Security	Inspected
Condition	3- Fair
Replacement Quantity	27
Replacement Uom	EACH
Deficiency	TIME CLOCK NOT OPERATIONAL
Deficiency Location/Instance	Basement - Electrical Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 3
Violations	No violations recorded
Deficiency	LIGHTING FIXTURE BALLAST DEFECTIVE
Deficiency Location/Instance	East 225th Street Side of Building on Walls
Deficiency Quantity	4
Quantity Uom	EACH
Potential Action	REPLACE BALLAST
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 3
Violations	No violations recorded
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE
Deficiency Location/Instance	Addition Wall Perimeter
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 3

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Question	Response
SECURITY	
Lighting - Security	
Violations	No violations recorded
SERVICE SWITCH	Inspected
Instance	Basement - Electrical Room
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Metropolitan
EquipmentId	Service Switch Fuse 1200A
Capacity/Size Quantity	1200
Capacity/Size UOM	Amps
Source of Capacity/Size	Fuse Size
Installation Year	1974
Source of Installation Year	Documented
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	Basement - Electrical Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Instance	Basement - Electrical Room
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	General Electric
EquipmentId	Emergency Light Disconnect Switch
Capacity/Size Quantity	200
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	1995
Source of Installation Year	Inspector Estimate
Deficiency	No deficiencies recorded
SWIMMING POOL	Does not exist
SWITCHBOARD	Inspected
Number of Spares	4
Air Circuit Breaker Type	Does not exist
Fused Disconnect Switch Type	Inspected
Instance	Electrical Room
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Metropolitan Electric
EquipmentId	N/A
Capacity/Size Quantity	1200
Capacity/Size UOM	Amps Total
Capacity/Size 2 Quantity	2
Capacity/Size 2 UOM	Section(s)
Source of Capacity/Size	Service Switch Fuse Size
Installation Year	1974
Source of Installation Year	Documented
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	Electrical Room
Deficiency Quantity	1

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Question	Response
SWITCHBOARD	
Fused Disconnect Switch Type	
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Fused Knife Switch Type	Does not exist
Molded Case Circuit Breaker Type	Does not exist
TELEPHONE SYSTEM	
PBX/Intercom	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Standard	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
TOILET ROOM - STAFF	
Lighting	Inspected
Lighting Fixture - Fluorescent	Inspected
Pendant Mounted	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Recessed Mounted	Does not exist
Surface Mounted	Inspected
Condition	1- Good
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	
Lighting	Inspected
Lighting Fixture - Fluorescent	Inspected
Pendant Mounted	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Recessed Mounted	Does not exist
Surface Mounted	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Lighting Fixture - HID	Does not exist
Lighting Fixture - Incandescent	Does not exist
Lighting Fixture - LED	Does not exist
TRANSFORMER	
	Does not exist
TV SYSTEM	
Cable System Exist?	Inspected
Operational?	Yes
	No
Main Equipment Rack	Does not exist