

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

Electrical Inspection

X112

School: **P.S. 112 - BRONX, 1925 SCHIEFFELIN AVENUE, BRONX, NY, 10466**

InspectionId	Inspection Type	Time In	Last Edited
4762	ELECTRICAL	2019-05-14 07:53AM	2019-05-30 01:38PM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Interior Lighting (Except Library and Kitchen Retrofitted Fixtures), Most Non-Battery Pack Emergency Lighting, Exit Lights, Kitchen LED Lights (Retrofitted) Years: 2016 Systems: Partial Motor Starters Years: 2014, 2011 Systems: Security Lights Years: 2013 Systems: Fire Alarm System (Electronic Sub-Panel, Fan Shutdown Control, Duct Smoke Detectors, Area Smoke Detectors, Remote Annunciator Panel and Printer, Fused Cutout Panel) Years: 2012 Systems: Grounding System, Switchboard, Telephone System, Library, Computer Lab 210 (Raceways with Receptacles) Years: 2009 Systems: Service Switches Years: 2009, 1995 Systems: Public Address System (Amplifier, Tuner) Years: 2008 Systems: Intrusion Alarm System Years: 2003 Systems: Emergency Light/Exit Light Panel Years: 1995 Systems: Molded Case Circuit Breaker Type Panel Boards Years: 2018, 2009 Systems: Most Battery Pack Type Emergency Lights Years: 2018, 2010 Systems: Lightning Protection, Fused Disconnect Switch Type Panel Boards Years: 2018 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	Fire Alarm System - Defective	N/A	Fire Alarm System - Sub Panel	Corridor Near Room 119	Jose Dejesus Jr.	Custodian	No Photo Taken

Inspection

Question	Response
Electrical	
ATHLETIC FIELD	Does not exist
AUDITORIUM	

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Question	Response
AUDITORIUM	
Instance on Basement	Inspected
House Lighting	
Instance on Basement	Inspected
Does a Chandelier Exist?	No
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	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
Local Sound System	
Instance on Basement	Inspected
Instance Condition	5- Poor
Installation Year	1970
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 Basement	Does not exist
Theater Lighting System	
Instance on Basement	Inspected
Dimming System	
Instance on Basement	Does not exist
Theater Lighting	
Instance on Basement	Inspected
Instance Condition	3- Fair
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE
Deficiency Quantity	26
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1

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Question	Response
AUDITORIUM	
Theater Lighting System	
Theater Lighting	
Purpose of Action	LEVEL 2
Violations	No violations recorded
AUXILIARY SIGNAL/BELL SYSTEM	
Condition	Inspected
Deficiency	3- Fair
CAFETERIA	
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
Recessed Mounted	
Instance on 1st Floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Surface Mounted	
Instance on 1st Floor	Does not exist
Local Sound System	
Instance on 1st Floor	Inspected
Instance Condition	5- Poor
Installation Year	1970
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	Does not exist
CITY FIRE ALARM SYSTEM	
Condition	Inspected
Deficiency	3- Fair
CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE	
Condition	Inspected
Lighting	
Does a Chandelier Exist?	Inspected
Does a Chandelier Exist?	No
Lighting Fixture - Fluorescent	
Condition	Inspected
Pendant Mounted	
Condition	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded

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Question	Response
CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE	
Lighting	
Lighting Fixture - Fluorescent	
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	
COMPUTER LAB	
Instance on Room 210	Inspected
Power Panel?	Yes
Lighting	
Instance on Room 210	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 210	Inspected
Pendant Mounted	
Instance on Room 210	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on Room 210	Does not exist
Surface Mounted	
Instance on Room 210	Does not exist
Lighting Fixture - HID	
Instance on Room 210	Does not exist
Lighting Fixture - Incandescent	
Instance on Room 210	Does not exist
Lighting Fixture - LED	
Instance on Room 210	Does not exist
Raceway With Receptacles	
Instance on Room 210	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
EMERGENCY DC STANDBY BATTERY POWER	
Does not exist	
EMERGENCY GENERATOR SET	
Does not exist	
EMERGENCY LIGHT/EXIT LIGHT PANEL	
Condition	3- Fair
Deficiency	LESS THAN 20% SPARE CIRCUIT BREAKERS
Deficiency Location/Instance	Basement - 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	2- Between Good and Fair
Deficiency	No deficiencies recorded
Non Battery Pack	
Inspected	
Condition	1- Good

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Question	Response
EMERGENCY LIGHTING	
Non Battery Pack	
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	2- Between Good and Fair
Deficiency	No deficiencies recorded
Bell/Horn	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
CO Detector	Does not exist
Duct Smoke Detector	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Elevator Recall	Does not exist
Fan Shutdown Control	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Fire Alarm Digital Communicator	Does not exist
Fused Cutout Panel	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Heat Detector	Does not exist
Magnetic Door Holder/Contactor	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	Basement Near Room B9
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Edwards
EquipmentId	Fire Alarm
Capacity/Size Quantity	4
Capacity/Size UOM	Circuits
Source of Capacity/Size	Inspector Estimate
Installation Year	1953
Source of Installation Year	Documented
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	Basement Near Room B9
Deficiency Quantity	71,000
Quantity Uom	S.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2

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Question	Response
FIRE ALARM SYSTEM	
Main Panel	
Fire Alarm Control Panel (Standard)	
Violations	No violations recorded
Manual Pull Station	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
Remote Annunciator	
	Inspected
Display Monitor	
	Does not exist
Panel	
Condition	Inspected
Deficiency	2- Between Good and Fair
	No deficiencies recorded
Printer	
Condition	Inspected
Deficiency	2- Between Good and Fair
	No deficiencies recorded
Punch Register	
	Does not exist
Sprinkler Flow/Air Pressure Switch	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
Strobe	
	Does not exist
Sub-Panel	
	Inspected
Bell At Panel	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
Fire Alarm Control Panel (Electronic)	
	Inspected
Instance	1st Floor Near Room 119
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	General Electric
Model	EST 2
EquipmentId	Smoke Detection Alarm Panel
Capacity/Size Quantity	2
Capacity/Size UOM	Zones
Source of Capacity/Size	Diagram
Installation Year	2012
Source of Installation Year	Documented
Deficiency	PANEL DEFECTIVE
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Violations	No violations recorded
Fire Alarm Control Panel (Standard)	
	Inspected
Instance	Boiler Room
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Edwards
EquipmentId	Sprinkler Alarm Control Board
Capacity/Size Quantity	2
Capacity/Size UOM	Circuits
Source of Capacity/Size	Inspector Estimate
Installation Year	1953

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Question	Response
FIRE ALARM SYSTEM	
Sub-Panel	
Fire Alarm Control Panel (Standard)	
Source of Installation Year	Documented
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	71,000
Quantity Uom	S.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Tamper Flow Switch/Chain	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
GROUNDING SYSTEM	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
GYMNASIUM	
Instance on 2nd Floor	Inspected
Lighting	
Instance on 2nd Floor	Inspected
Lighting Fixture - Fluorescent	
Instance on 2nd Floor	Does not exist
Lighting Fixture - HID	
Instance on 2nd Floor	Does not exist
Lighting Fixture - Incandescent	
Instance on 2nd Floor	Does not exist
Lighting Fixture - LED	
Instance on 2nd Floor	Inspected
Pendant Mounted	
Instance on 2nd Floor	Does not exist
Recessed Mounted	
Instance on 2nd Floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Surface Mounted	
Instance on 2nd Floor	Does not exist
Local Sound System	
Instance on 2nd Floor	Inspected
Instance Condition	5- Poor
Installation Year	1970
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 2nd Floor	Does not exist
Scoreboard	
Instance on 2nd Floor	Does not exist

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Question	Response
GYMNASIUM	
Theater Lighting System	
Instance on 2nd Floor	Does not exist
INTERCOM SYSTEM	
	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
Recessed Mounted	
Instance on 1st Floor	Does not exist
Surface Mounted	
Instance on 1st Floor	Inspected
Instance Condition	1- Good
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	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	2- Between Good and Fair
Deficiency	No deficiencies recorded
LAN	
	Inspected
Local Distribution Frame (I/LDF)	
Condition	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Main Equipment Rack (MDF)	
Condition	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
LIBRARY	
Instance on Room 218	Inspected
Lighting	
Instance on Room 218	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 218	Inspected
Pendant Mounted	
Instance on Room 218	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on Room 218	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded

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Question	Response
LIBRARY	
Lighting	
Lighting Fixture - Fluorescent	
Surface Mounted	
Instance on Room 218	Does not exist
Lighting Fixture - HID	
Instance on Room 218	Does not exist
Lighting Fixture - Incandescent	
Instance on Room 218	Does not exist
Lighting Fixture - LED	
Instance on Room 218	Does not exist
Projection System	
Instance on Room 218	Does not exist
Raceway With Receptacles	
Instance on Room 218	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
LIGHTNING PROTECTION	
Condition	Inspected
Deficiency	1- Good
Deficiency	No deficiencies recorded
LOCKER ROOM	
	Does not exist
MOTOR CONTROL CENTER	
	Does not exist
MOTOR STARTER/CONTACTOR	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	No deficiencies recorded
MULTIPURPOSE ROOM	
	Does not exist
PANEL BOARD	
	Inspected
Fused Disconnect Switch Type	
Condition	Inspected
Deficiency	1- Good
Deficiency	No deficiencies recorded
Fused Knife Switch Type	
	Does not exist
Fused Toggle Switch Type	
	Does not exist
Molded Case Circuit Breaker Type	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	No deficiencies recorded
PUBLIC ADDRESS SYSTEM	
Instance	Inspected
Instance Condition	Room 119
Instance Quantity	3- Fair
Instance Quantity Uom	1
Model	EACH
Installation Year	N/A
Source of Installation Year	1970
Deficiency	Documented
Deficiency Location/Instance	CLOCK NOT OPERATIONAL
Deficiency Quantity	2nd Floor Corridors
Quantity Uom	4
Potential Action	EACH
Urgency of Action	REPLACE
Purpose of Action	PRIORITY 3
Violations	LEVEL 2
Deficiency	No violations recorded
Deficiency Location/Instance	BEYOND USEFUL LIFE
Deficiency Quantity	Room 119
	71,000

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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
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 B15A - Custodian's Office
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Vista - 128B
Installation Year	2003
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	Does not exist
Lighting - Security	Inspected
Condition	2- Between Good and Fair
Replacement Quantity	10
Replacement Uom	EACH
Deficiency	No deficiencies recorded
SERVICE SWITCH	Inspected
Instance	Basement - Electrical Room
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	All City Switchboard
EquipmentId	Service Switch #1
Capacity/Size Quantity	2000
Capacity/Size UOM	Amps
Source of Capacity/Size	Fuse Size
Installation Year	2009
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
SWIMMING POOL	Does not exist

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Question	Response
SWITCHBOARD	Inspected
Number of Spares	15
Air Circuit Breaker Type	Does not exist
Fused Disconnect Switch Type	Inspected
Instance	Electrical Room
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	All City Switchboard
EquipmentId	MDP
Capacity/Size Quantity	2000
Capacity/Size UOM	Amps Total
Capacity/Size 2 Quantity	4
Capacity/Size 2 UOM	Section(s)
Source of Capacity/Size	Nameplate
Installation Year	2009
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	2- Between Good and Fair
Deficiency	No deficiencies recorded
Standard	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
TOILET ROOM - STAFF	Inspected
Lighting	Inspected
Lighting Fixture - Fluorescent	Inspected
Pendant Mounted	Does not exist
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	Inspected
Lighting	Inspected
Lighting Fixture - Fluorescent	Inspected
Pendant Mounted	Does not exist
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	Inspected
Cable System Exist?	Yes
Operational?	Yes
Main Equipment Rack	Does not exist