

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

Electrical Inspection

X170

School: **P.S. 170 (ECC) - BRONX, 1598 TOWNSEND AVENUE, BRONX, NY, 10452**

InspectionId	Inspection Type	Time In	Last Edited
1682	ELECTRICAL	2019-01-22 12:15PM	2019-05-08 03:10PM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Battery Pack Emergency Lighting, Partial Non-Battery Pack Exit Lighting Years: 2018 Systems: LAN Years: 2013 Systems: Telephone System Years: 2001 Systems: Library, Exit/Emergency Lights Years: 2000 Systems: Molded Case Circuit Breaker Type Panel Boards Years: 2000, 1993 Systems: All Other Systems and Components Years: 1993 Systems: Intrusion Alarm System - Partial Remote Annunciators, Most Infrared Sensors, Central Control Panel Years: 2017
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	Fire Alarm System - Components Not Operational	Not Operational	Fire Alarm System - Area Smoke Detector	Stair A and Stair B Bulkheads	Donald Melhado	Fireman	No Photo Taken

Inspection

Question	Response
Electrical	
ATHLETIC FIELD	Does not exist
AUDITORIUM	Does not exist
AUXILIARY SIGNAL/BELL SYSTEM	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
CAFETERIA	
Instance on Room 106	Inspected
Lighting	
Instance on Room 106	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 106	Inspected
Pendant Mounted	
Instance on Room 106	Does not exist
Recessed Mounted	
Instance on Room 106	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded

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Question	Response
CAFETERIA	
Lighting	
Lighting Fixture - Fluorescent	
Surface Mounted	
Instance on Room 106	Does not exist
Lighting Fixture - HID	
Instance on Room 106	Does not exist
Lighting Fixture - Incandescent	
Instance on Room 106	Does not exist
Lighting Fixture - LED	
Instance on Room 106	Does not exist
Local Sound System	
Instance on Room 106	Inspected
Instance Condition	4- Between Fair and Poor
Installation Year	1993
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 Room 106	Does not exist
Theater Lighting System	
Instance on Room 106	Does not exist
CITY FIRE ALARM SYSTEM	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE	Inspected
Lighting	Inspected
Does a Chandelier Exist?	No
Lighting Fixture - Fluorescent	Inspected
Pendant Mounted	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Recessed Mounted	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Surface Mounted	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Lighting Fixture - HID	Does not exist
Lighting Fixture - Incandescent	Inspected
Pendant Mounted	Does not exist
Recessed Mounted	Does not exist
Surface Mounted	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Lighting Fixture - LED	Does not exist
COMPUTER LAB	Does not exist
EMERGENCY DC STANDBY BATTERY POWER	Does not exist
EMERGENCY GENERATOR SET	Inspected

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Question	Response
EMERGENCY GENERATOR SET	
Automatic Transfer Switch (ATS)	Inspected
Instance	Room C28 - Electrical Meter Room
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Kohler Power Systems
EquipmentId	ATS-1
Capacity/Size Quantity	600
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	1993
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Instance	Room C28 - Electrical Meter Room
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Kohler Power Systems
EquipmentId	ATS-2
Capacity/Size Quantity	400
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	1993
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Battery Charger	Inspected
Instance	Roof Enclosure
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Kohler Power Systems
EquipmentId	Automatic Battery Charger
Capacity/Size Quantity	10
Capacity/Size UOM	AmpsDC
Capacity/Size 2 Quantity	13
Capacity/Size 2 UOM	VDC
Source of Capacity/Size	Nameplate
Installation Year	1993
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Diesel	Inspected
Instance	Roof Enclosure
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Kohler Power Systems
EquipmentId	Emergency Generator
Capacity/Size Quantity	125
Capacity/Size UOM	kVA
Capacity/Size 2 Quantity	100
Capacity/Size 2 UOM	kW
Capacity/Size 3 Quantity	347
Capacity/Size 3 UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	1993

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Question	Response
EMERGENCY GENERATOR SET	
Diesel	
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Natural Gas	Does not exist
EMERGENCY LIGHT/EXIT LIGHT PANEL	
	Does not exist
EMERGENCY LIGHTING	
	Inspected
Battery Pack	
Condition	Inspected
Deficiency	1- Good
	No deficiencies recorded
Non Battery Pack	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
EXIT LIGHT	
	Inspected
Battery Pack	
	Does not exist
Non Battery Pack	
Condition	Inspected
Deficiency	2- Between Good and Fair
	No deficiencies recorded
EXIT/EMERGENCY LIGHT	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
FIRE ALARM SYSTEM	
	Inspected
Area Smoke Detector	
Condition	Inspected
Deficiency	3- Fair
Deficiency Location/Instance	DETECTOR NOT OPERATIONAL
Deficiency Quantity	Stair A and Stair B Bulkheads
Quantity Uom	2
Potential Action	EACH
Urgency of Action	REPLACE
Purpose of Action	PRIORITY 5
Violations	LEVEL 6
	No violations recorded
Bell/Horn	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
CO Detector	
	Does not exist
Duct Smoke Detector	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
Elevator Recall	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
Fan Shutdown Control	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
Fire Alarm Digital Communicator	
	Does not exist
Fused Cutout Panel	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
Heat Detector	
Condition	Inspected
Deficiency	3- Fair
	No deficiencies recorded
Magnetic Door Holder/Contactor	
Condition	Inspected
	3- Fair

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Question	Response
FIRE ALARM SYSTEM	
Magnetic Door Holder/Contactor	
Deficiency	No deficiencies recorded
Main Panel	Inspected
Bell At Panel	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Fire Alarm Control Panel (Electronic)	Inspected
Instance	Room 104 - Custodian's Office
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Notifier
Model	AIM 200
EquipmentId	Interior Fire Alarm Control Panel
Capacity/Size Quantity	48
Capacity/Size UOM	Zones
Capacity/Size 2 Quantity	1
Capacity/Size 2 UOM	Section(s)
Source of Capacity/Size	Inspector Estimate
Installation Year	1993
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Fire Alarm Control Panel (Standard)	Does not exist
Manual Pull Station	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Remote Annunciator	Does not exist
Sprinkler Flow/Air Pressure Switch	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Strobe	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Sub-Panel	Does not exist
Tamper Flow Switch/Chain	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
GROUNDING SYSTEM	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
GYMNASIUM	Does not exist
INTERCOM SYSTEM	Inspected
Elevator	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Holding Area	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
KITCHEN	
Instance on Rooms 106A, 126	Inspected
Lighting	
Instance on Rooms 106A, 126	Inspected
Lighting Fixture - Fluorescent	

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Question	Response
KITCHEN	
Lighting	
Lighting Fixture - Fluorescent	
Instance on Rooms 106A, 126	Inspected
Pendant Mounted	
Instance on Rooms 106A, 126	Does not exist
Recessed Mounted	
Instance on Rooms 106A, 126	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Surface Mounted	
Instance on Rooms 106A, 126	Does not exist
Lighting Fixture - HID	
Instance on Rooms 106A, 126	Does not exist
Lighting Fixture - Incandescent	
Instance on Rooms 106A, 126	Does not exist
Lighting Fixture - LED	
Instance on Rooms 106A, 126	Does not exist
LAN	Inspected
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
LIBRARY	
Instance on Room 304A	Inspected
Lighting	
Instance on Room 304A	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 304A	Inspected
Pendant Mounted	
Instance on Room 304A	Does not exist
Recessed Mounted	
Instance on Room 304A	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Surface Mounted	
Instance on Room 304A	Does not exist
Lighting Fixture - HID	
Instance on Room 304A	Does not exist
Lighting Fixture - Incandescent	
Instance on Room 304A	Does not exist
Lighting Fixture - LED	
Instance on Room 304A	Does not exist
Projection System	
Instance on Room 304A	Does not exist
Raceway With Receptacles	
Instance on Room 304A	Does not exist
LIGHTNING PROTECTION	Does not exist
LOCKER ROOM	Does not exist
MOTOR CONTROL CENTER	Does not exist
MOTOR STARTER/CONTACTOR	Inspected

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Question	Response
MOTOR STARTER/CONTACTOR	
Condition	3- Fair
Deficiency	No deficiencies recorded
MULTIPURPOSE ROOM	Does not exist
PANEL BOARD	Inspected
Fused Disconnect Switch Type	Inspected
Condition	3- 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	3- Fair
Deficiency	PANEL BOARD DIRECTORY MISSING OR REQUIRES UPDATING
Deficiency Location/Instance	Room 204
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 2
Purpose of Action	LEVEL 2
Violations	No violations recorded
PUBLIC ADDRESS SYSTEM	Inspected
Instance	Room 209
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Dukane 125
Installation Year	1993
Source of Installation Year	Documented
Deficiency	TUNER/CD PLAYER NOT OPERATIONAL
Deficiency Location/Instance	Room 209
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	CLOCK NOT OPERATIONAL
Deficiency Location/Instance	Corridors
Deficiency Quantity	8
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
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 104 - Custodian's Office
Instance Condition	1- Good
Instance Quantity	1

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Question	Response
SECURITY	
Intrusion Alarm System	
Central Control Panel	
Instance Quantity Uom	EACH
Model	Vista 128BPT
Installation Year	2017
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
Infrared Sensor	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Panic Switch	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Remote Annunciator	Inspected
Condition	2- Between Good and 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	Inaccessible
SERVICE SWITCH	Inspected
Instance	Room C28 - Electrical Meter Room
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Siemens
EquipmentId	Service Disconnect
Capacity/Size Quantity	2500
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	1993
Source of Installation Year	Documented
Deficiency	No deficiencies recorded
SWIMMING POOL	Does not exist
SWITCHBOARD	Inspected
Number of Spares	3
Air Circuit Breaker Type	Does not exist
Fused Disconnect Switch Type	Inspected
Instance	Room C28 - Electrical Meter Room
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Siemens
EquipmentId	Main DIST SWBD
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	1993
Source of Installation Year	Documented

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Question	Response
SWITCHBOARD	
Fused Disconnect Switch Type	
Deficiency	No deficiencies recorded
Instance	Room C28 - Electrical Meter Room
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Siemens
EquipmentId	EB
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	1993
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
TOILET ROOM - STAFF	Inspected
Lighting	Inspected
Lighting Fixture - Fluorescent	Inspected
Pendant Mounted	Does not exist
Recessed Mounted	Does not exist
Surface Mounted	Inspected
Condition	3- Fair
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	3- Fair
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?	No
Main Equipment Rack	Does not exist