

NYC Department of Education
Building Condition Assessment Survey 2018 - 2019

Electrical Inspection

K116

Asset: P.S. 116 - BROOKLYN, 515 KNICKERBOCKER AVENUE, New York, 11237

Inspection Id	Inspection Type	Time In	Last Edited
EE : K116	Electrical	2019-03-06 8:30 AM	2019-04-15 4:50 PM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Yes
Type of Service	Below Ground
Does Interactive Whiteboard (IWB) Exist?	Yes
Water Penetration in Electrical Room?	No
	Systems: Intrusion Alarm System (Central Control Panel, Remote Annunciator, Infrared Sensor)
	Years: 2018
	Systems: LAN
	Years: 2016
	Systems: Local Sound System, Public Address System, Gymnasium (LED Lighting)
	Years: 2015
	Systems: Telephone System
	Years: 2014
	Systems: Science Lab Room 209 (Except Pendant Fluorescent Lighting)
	Years: 2012
	Systems: Interior Fluorescent Lighting
	Years: 2003
	Systems: Intrusion Alarm System (Panic Switch, Siren/Strobe)
	Years: 1999
	Systems: Partial Molded Case Circuit Breaker Panel Board
	Years: 1998
	Systems: Emergency Light/Exit Light Panel
	Years: 1992

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

Priority Condition Exist Last Year?	Priority Category	Condition Description	Component Affected	Location Description	Person(s) Notified	Person(s) Title	Status	PhotoImage
Yes	Grounding System - Improper Grounding	Grounding System is corroded and rusty	GROUNDING SYSTEM	Water Meter Room (Inside Boiler Room)	Steven Chambers	Fireman	Sent to DSF	

Inspection

Question	Response
Electrical	
AUDITORIUM	Does not Exist
CAFETERIA	Inspected
Instance on Basement	Inspected
Lighting	Inspected
Instance on Basement	Inspected
Lighting Fixture - Fluorescent	
Instance on Basement	Inspected
Pendant Mounted	Inspected

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Question	Response
CAFETERIA	
Lighting	
Lighting Fixture - Fluorescent	
Pendant Mounted	
Instance on Basement	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Surface Mounted	Does not Exist
Instance on Basement	Does not Exist
Recessed Mounted	Does not Exist
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
Local Sound System	Inspected
Instance on Basement	Inspected
Installation Year	2015
Source of Installation	Custodial Staff
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Projection System	Does not Exist
Instance on Basement	Does not Exist
Theater Lighting System	Does not Exist
Instance on Basement	Does not Exist
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
Surface Mounted	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Recessed Mounted	Does not Exist
Lighting Fixture - HID	Does not Exist
Lighting Fixture - Incandescent	Does not Exist
Lighting Fixture - LED	Does not Exist
COMPUTER LAB	Does not Exist
GYMNASIUM	Inspected
Instance on 4th Floor	Inspected
Lighting	Inspected
Instance on 4th Floor	Inspected
Lighting Fixture - Fluorescent	
Instance on 4th Floor	Does not Exist
Lighting Fixture - HID	

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Question	Response
GYMNASIUM	
Lighting	
Lighting Fixture - HID	
Instance on 4th Floor	Does not Exist
Lighting Fixture - Incandescent	
Instance on 4th Floor	Does not Exist
Lighting Fixture - LED	
Instance on 4th Floor	Inspected
Pendant Mounted	
Instance on 4th Floor	Does not Exist
Surface Mounted	
Instance on 4th Floor	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on 4th Floor	Does not Exist
Local Sound System	
Instance on 4th Floor	Inspected
Installation Year	2015
Source of Installation	Custodial Staff
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Projection System	
Instance on 4th Floor	Does not Exist
Scoreboard	
Instance on 4th Floor	Does not Exist
Theater Lighting System	
Instance on 4th Floor	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
Surface Mounted	
Instance on Basement	Does not Exist
Recessed Mounted	
Instance on Basement	Inspected
Condition	3 - Fair
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
LIBRARY	
	Inspected

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Question	Response
LIBRARY	
Instance on Room 203	Inspected
Lighting	Inspected
Instance on Room 203	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 203	Inspected
Pendant Mounted	Inspected
Instance on Room 203	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Surface Mounted	Does not Exist
Instance on Room 203	Does not Exist
Recessed Mounted	Does not Exist
Instance on Room 203	Does not Exist
Lighting Fixture - HID	
Instance on Room 203	Does not Exist
Lighting Fixture - Incandescent	
Instance on Room 203	Does not Exist
Lighting Fixture - LED	
Instance on Room 203	Does not Exist
Raceway With Receptacles	Does not Exist
Instance on Room 203	Does not Exist
Projection System	Does not Exist
Instance on Room 203	Does not Exist
LOCKER ROOM	Does not Exist
MULTIPURPOSE ROOM	Does not Exist
SCIENCE DEMO ROOM	Does not Exist
SCIENCE LAB	Inspected
Instance on Room 209	Inspected
Power Panel Alternative use	No No
Lighting	Inspected
Instance on Room 209	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 209	Inspected
Pendant Mounted	Inspected
Instance on Room 209	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Surface Mounted	Inspected
Instance on Room 209	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Recessed Mounted	Inspected
Instance on Room 209	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Lighting Fixture - HID	
Instance on Room 209	Does not Exist

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Question	Response
SCIENCE LAB	
Lighting	Inspected
Lighting Fixture - Incandescent	
Instance on Room 209	Does not Exist
Lighting Fixture - LED	
Instance on Room 209	Does not Exist
Emergency Gas Shut-Off Valve	Does not Exist
Instance on Room 209	Does not Exist
Emergency Shut-Off Power	Does not Exist
Instance on Room 209	Does not Exist
Power Supply	Does not Exist
Instance on Room 209	Does not Exist
Projection System	Does not Exist
Instance on Room 209	Does not Exist
SCIENCE PREP ROOM	Does not Exist
SWIMMING POOL	Does not Exist
TOILET ROOM - STAFF	Inspected
Lighting	Inspected
Lighting Fixture - Fluorescent	Inspected
Pendant Mounted	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Surface Mounted	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Recessed Mounted	Does not Exist
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	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Surface Mounted	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Recessed Mounted	Does not Exist
Lighting Fixture - HID	Does not Exist
Lighting Fixture - Incandescent	Does not Exist
Lighting Fixture - LED	Does not Exist
AUXILIARY SIGNAL/BELL SYSTEM	Inspected
Replacement Quantity	50,000
Replacement Uom	S.F.
Condition	3 - Fair
Deficiency	No deficiencies recorded
EMERGENCY DC STANDBY BATTERY POWER	Does not Exist

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Question	Response
EMERGENCY GENERATOR SET	Does not Exist
EMERGENCY LIGHT/EXIT LIGHT PANEL	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
EMERGENCY LIGHTING	Inspected
Battery Pack	Inspected
Condition	3 - Fair
Deficiency	FIXTURE LENS MISSING
Deficiency Location/Instance	Main Entrance Lobby, Cafeteria
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	INSTALL LENS
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Deficiency	BATTERY NOT OPERATIONAL
Deficiency Location/Instance	Gymnasium, 3rd Floor By Staircase "C"
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE BATTERY
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Non Battery Pack	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
EXIT LIGHT	Inspected
Battery Pack	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Non Battery Pack	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
EXIT/EMERGENCY LIGHT	Does not Exist
CITY FIRE ALARM SYSTEM	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
FIRE ALARM SYSTEM	Inspected
Replacement Quantity	50,000
Replacement Uom	S.F.
Bell/Horn	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Strobe	Does not Exist
Manual Pull Station	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded

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Question	Response
FIRE ALARM SYSTEM	
Fan Shutdown Control	Does not Exist
Duct Smoke Detector	Does not Exist
Area Smoke Detector	Does not Exist
CO Detector	Does not Exist
Heat Detector	Does not Exist
Elevator Recall	Does not Exist
Magnetic Door Holder/Contactor	Does not Exist
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)	Does not Exist
Fire Alarm Control Panel (Standard)	Inspected
Instance	Boiler Room
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Edwards
Equipment	Fire Alarm Panel
Capacity/Size Quantity	7
Capacity/Size UOM	Circuits
Source of Capacity/Size	Inspector Estimate
Installation Year	1971
Source of Installation	Documented
Deficiency	PANEL DIRECTION/DIAGRAM IS MISSING
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 2
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	50,000
Quantity Uom	S.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Sub-Panel	Does not Exist
Remote Annunciator	Does not Exist

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Question	Response
FIRE ALARM SYSTEM	Inspected
Sprinkler Flow/Air Pressure Switch	Does not Exist
Tamper Flow Switch/Chain	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
GROUNDING SYSTEM	Inspected
Condition	4 - Between Fair and Poor
Deficiency	IMPROPER GROUNDING
Deficiency Location/Instance	Water Meter Room (Inside Boiler Room)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
INTERCOM SYSTEM	Does not Exist
LAN	Inspected
Local Distribution Frame (L/DF)	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Main Equipment Rack (MDF)	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
LIGHTNING PROTECTION	Does not Exist
MOTOR CONTROL CENTER	Does not Exist
MOTOR STARTER/CONTACTOR	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
PANEL BOARD	Inspected
Fused Disconnect Switch Type	Inspected
Condition	3 - Fair
Deficiency	PANEL BOARD BEYOND USEFUL LIFE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Fused Knife Switch Type	Does not Exist
Fused Toggle Switch Type	Inspected
Condition	3 - Fair
Deficiency	PANEL BOARD BEYOND USEFUL LIFE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE

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Question	Response
PANEL BOARD	
Fused Toggle Switch Type	Inspected
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Molded Case Circuit Breaker Type	Inspected
Condition	3 - Fair
Deficiency	NO SPARE
Deficiency Location/Instance	Cafeteria, Corridor - By Rooms 206, 407
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	REPLACE PANEL BOARD
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Deficiency	PANEL BOARD BEYOND USEFUL LIFE
Deficiency Location/Instance	Kitchen, Storage Room (in side Kitchen), Gymnasium, Boiler Room, Custodian's Office, Corridor - By Rooms 107, 306
Deficiency Quantity	7
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
PUBLIC ADDRESS SYSTEM	Inspected
Replacement Quantity	50,000
Replacement Uom	S.F.
Instance	General Office
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Telecor II
Installation Year	2015
Source of Installation	Custodial Staff
Deficiency	No deficiencies recorded
SECURITY	Inspected
IPDVS/CCTV System	Does not Exist
Intrusion Alarm System	Inspected
Replacement Quantity	50,000
Replacement Uom	S.F.
Central Control Panel	Inspected
Instance	Custodian's Office
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Vista - 128BPT

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Question	Response
SECURITY	
Intrusion Alarm System	
Central Control Panel	
Installation Year	2018
Source of Installation	Custodial Staff
Deficiency	PANEL NOT CONNECTED TO DOE CENTRAL STATION
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL CONNECTION
Urgency of Action	PRIORITY 4
Purpose of Action	LEVEL 3
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Infrared Sensor	
Condition	Inspected
Deficiency	1 - Good
Deficiency	No deficiencies recorded
Panic Switch	
Condition	Inspected
Deficiency	3 - Fair
Deficiency	No deficiencies recorded
Remote Annunciator	
Condition	Inspected
Deficiency	1 - Good
Deficiency	No deficiencies recorded
Siren/Strobe	
Condition	Inspected
Deficiency	3 - Fair
Deficiency	No deficiencies recorded
Ultrasonic Sensor	
Condition	Does not Exist
Lighting - Security	
Replacement Quantity	Inspected
Replacement Uom	2
Condition	EACH
Deficiency	3 - Fair
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE
Deficiency Location/Instance	On wall By Main Entrance Door
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 3
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
SERVICE SWITCH	
Instance	Inspected
Instance Condition	Boiler Room
Instance Quantity	3 - Fair
Instance Quantity Uom	1
Instance Manufacturer	EACH
Equipment	B-K Electrical Produces, Inc.
Capacity/Size Quantity	Main
Capacity/Size UOM	1,200
Source of Capacity/Size	Amps
	Nameplate

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Question	Response
SERVICE SWITCH	
Installation Year	1972
Source of Installation	Documented
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
SWITCHBOARD	
	Inspected
Number of Spares	3
Air Circuit Breaker Type	Does not Exist
Fused Disconnect Switch Type	Inspected
Instance	Boiler Room
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	B-K Electrical Produces, Inc.
Equipment	Main Distr. Panel
Capacity/Size Quantity	1,200
Capacity/Size UOM	Amps Total
Capacity/Size2 Quantity	1
Capacity/Size2 UOM	Section(S)
Source of Capacity/Size	Nameplate
Installation Year	1972
Source of Installation	Documented
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Fused Knife Switch Type	Does not Exist
Molded Case Circuit Breaker Type	Does not Exist
TELEPHONE SYSTEM	
	Inspected
PBX/Intercom	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Standard	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
TRANSFORMER	Does not Exist
TV SYSTEM	Inspected

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Question	Response
TV SYSTEM	
Cable System Exist? Operational?	Yes No
Main Equipment Rack	Does not Exist