

**NYC Department of Education**  
**Building Condition Assessment Survey 2017 - 2018**

Electrical Inspection

**K171**

**Asset: I.S. 171 - BROOKLYN, 528 RIDGEWOOD AVENUE, New York, 11208**

Inspection Id	Inspection Type	Time In	Last Edited
EE : K171	Electrical	2018-05-17 8:48 AM	2018-05-30 1:32 PM

**Asset Data**

Question	Answer
Type of Service	Below Ground
Does Interactive Whiteboard (IWB) Exist?	Yes
Water Penetration in Electrical Room?	Yes
Have any Systems/Major Building Components been upgraded?	Yes
	Systems: Fire Alarm System, Emergency Lighting (Non-Battery Pack), Cafeteria (East, West) - Lighting
	Years: Under construction
	Systems: Multipurpose Room (LED Lighting)
	Years: 2018
	Systems: Intrusion Alarm System
	Years: 2017
	Systems: Telephone System
	Years: 2016
	Systems: IPDVS/CCTV System, Most Exit Lights
	Years: 2015
	Systems: Multipurpose Room (Local Sound System)
	Years: 2013
	Systems: LAN, Raceway with Receptacles (Library, Computer Lab)
	Years: 2011
	Systems: Public Address System (Amplifier, Tuner)
	Years: 2010
	Systems: Security Lights
	Years: 2005, 2010
	Systems: Interior Fluorescent Lighting
	Years: 2001
	Systems: Emergency Light/Exit Light Panel, Partial Fused Disconnect Switch Type Panel Board
	Years: 2000
	Systems: Partial Molded Case Circuit Breaker Panel Board
	Years: 1989, 2001, 2011

**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	Water Penetration in Electrical Room	N/A	Electrical Equipment	Electrical Room	Patrick Rice	Fireman	Sent to DSF	

**Inspection**

Question	Response
<b>Electrical</b>	
<b>AUDITORIUM</b>	Does not Exist
<b>CAFETERIA</b>	Inspected
Instance on Ground Floor - West, Ground Floor - East	Inspected
<b>Lighting</b>	Under Construction

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Question	Response
<b>CAFETERIA</b>	
<b>Lighting</b>	
Instance on Ground Floor - West, Ground Floor - East	Under Construction
<b>Local Sound System</b>	
Instance on Ground Floor - West, Ground Floor - East	Does not Exist
<b>Projection System</b>	
Instance on Ground Floor - West, Ground Floor - East	Does not Exist
<b>Theater Lighting System</b>	
Instance on Ground Floor - West, Ground Floor - East	Does not Exist
<b>CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE</b>	
<b>Lighting</b>	
Does a Chandelier exist?	No
<b>Lighting Fixture - Fluorescent</b>	
<b>Pendant Mounted</b>	
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Surface Mounted</b>	
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Recessed Mounted</b>	
<b>Lighting Fixture - HID</b>	
<b>Lighting Fixture - Incandescent</b>	
<b>Lighting Fixture - LED</b>	
<b>COMPUTER LAB</b>	
Instance on Room 112	Inspected
Power Panel	Yes
<b>Lighting</b>	
Instance on Room 112	Inspected
<b>Lighting Fixture - Fluorescent</b>	
Instance on Room 112	Inspected
<b>Pendant Mounted</b>	
Instance on Room 112	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Surface Mounted</b>	
Instance on Room 112	Does not Exist
<b>Recessed Mounted</b>	
Instance on Room 112	Does not Exist
<b>Lighting Fixture - HID</b>	
Instance on Room 112	Does not Exist
<b>Lighting Fixture - Incandescent</b>	
Instance on Room 112	Does not Exist
<b>Lighting Fixture - LED</b>	
Instance on Room 112	Does not Exist
<b>Raceway With Receptacles</b>	
Instance on Room 112	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>GYMNASIUM</b>	
Does not Exist	

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<b>Question</b>	<b>Response</b>
<b>KITCHEN</b>	Inspected
Instance on Ground Floor - West, Ground Floor - East	Inspected
<b>Lighting</b>	Inspected
Instance on Ground Floor - West, Ground Floor - East	Inspected
<b>Lighting Fixture - Fluorescent</b>	
Instance on Ground Floor - West, Ground Floor - East	Inspected
<b>Pendant Mounted</b>	Does not Exist
Instance on Ground Floor - West, Ground Floor - East	Does not Exist
<b>Surface Mounted</b>	Does not Exist
Instance on Ground Floor - West, Ground Floor - East	Does not Exist
<b>Recessed Mounted</b>	Inspected
Instance on Ground Floor - West, Ground Floor - East	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Lighting Fixture - HID</b>	
Instance on Ground Floor - West, Ground Floor - East	Does not Exist
<b>Lighting Fixture - Incandescent</b>	
Instance on Ground Floor - West, Ground Floor - East	Does not Exist
<b>Lighting Fixture - LED</b>	
Instance on Ground Floor - West, Ground Floor - East	Does not Exist
<b>LIBRARY</b>	Inspected
Instance on Room 309/311	Inspected
<b>Lighting</b>	Inspected
Instance on Room 309/311	Inspected
<b>Lighting Fixture - Fluorescent</b>	
Instance on Room 309/311	Inspected
<b>Pendant Mounted</b>	Inspected
Instance on Room 309/311	Inspected
Condition	3 - Fair
Deficiency	LIGHTING FIXTURE BALLAST DEFECTIVE
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE BALLAST
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
<b>Surface Mounted</b>	Does not Exist
Instance on Room 309/311	Does not Exist
<b>Recessed Mounted</b>	Does not Exist
Instance on Room 309/311	Does not Exist
<b>Lighting Fixture - HID</b>	
Instance on Room 309/311	Does not Exist
<b>Lighting Fixture - Incandescent</b>	
Instance on Room 309/311	Does not Exist
<b>Lighting Fixture - LED</b>	
Instance on Room 309/311	Does not Exist
<b>Raceway With Receptacles</b>	Inspected
Instance on Room 309/311	Inspected

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<b>Question</b>	<b>Response</b>
<b>LIBRARY</b>	
<b>Raceway With Receptacles</b>	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Projection System</b>	Does not Exist
Instance on Room 309/311	Does not Exist
<b>LOCKER ROOM</b>	Does not Exist
<b>MULTIPURPOSE ROOM</b>	Inspected
Instance on Ground Floor	Inspected
<b>Lighting</b>	Inspected
Instance on Ground Floor	Inspected
<b>Lighting Fixture - Fluorescent</b>	
Instance on Ground Floor	Does not Exist
<b>Lighting Fixture - HID</b>	
Instance on Ground Floor	Does not Exist
<b>Lighting Fixture - Incandescent</b>	
Instance on Ground Floor	Does not Exist
<b>Lighting Fixture - LED</b>	
Instance on Ground Floor	Inspected
<b>Pendant Mounted</b>	Does not Exist
Instance on Ground Floor	Does not Exist
<b>Surface Mounted</b>	Inspected
Instance on Ground Floor	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Recessed Mounted</b>	Does not Exist
Instance on Ground Floor	Does not Exist
<b>Local Sound System</b>	Inspected
Instance on Ground Floor	Inspected
Installation Year	2013
Source of Installation	Custodial Staff
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Projection System</b>	Does not Exist
Instance on Ground Floor	Does not Exist
<b>Theater Lighting System</b>	Inspected
Instance on Ground Floor	Inspected
<b>Dimming System</b>	
Instance on Ground Floor	Does not Exist
<b>Theater Lighting</b>	
Instance on Ground Floor	Inspected
Condition	3 - Fair
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE
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

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<b>Question</b>	<b>Response</b>
<b>MULTIPURPOSE ROOM</b>	Inspected
<b>Theater Lighting System</b>	
<b>Theater Lighting</b>	
Violations	No violations recorded.
<b>SCIENCE DEMO ROOM</b>	Does not Exist
<b>SCIENCE LAB</b>	Does not Exist
<b>SCIENCE PREP ROOM</b>	Does not Exist
<b>SWIMMING POOL</b>	Does not Exist
<b>TOILET ROOM - STAFF</b>	Inspected
<b>Lighting</b>	Inspected
<b>Lighting Fixture - Fluorescent</b>	Inspected
<b>Pendant Mounted</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Surface Mounted</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Recessed Mounted</b>	Does not Exist
<b>Lighting Fixture - HID</b>	Does not Exist
<b>Lighting Fixture - Incandescent</b>	Does not Exist
<b>Lighting Fixture - LED</b>	Does not Exist
<b>TOILET ROOM - STUDENT</b>	Inspected
<b>Lighting</b>	Inspected
<b>Lighting Fixture - Fluorescent</b>	Inspected
<b>Pendant Mounted</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Surface Mounted</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Recessed Mounted</b>	Does not Exist
<b>Lighting Fixture - HID</b>	Does not Exist
<b>Lighting Fixture - Incandescent</b>	Does not Exist
<b>Lighting Fixture - LED</b>	Does not Exist
<b>AUXILIARY SIGNAL/BELL SYSTEM</b>	Inspected
Replacement Quantity	86,000
Replacement Uom	S.F.
Condition	3 - Fair
Deficiency	INDICATOR PANEL NOT OPERATIONAL
Deficiency Location/Instance	Fan Room (Basement)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE PANEL
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
<b>EMERGENCY DC STANDBY BATTERY POWER</b>	Does not Exist

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<b>Question</b>	<b>Response</b>
<b>EMERGENCY GENERATOR SET</b>	Does not Exist
<b>EMERGENCY LIGHT/EXIT LIGHT PANEL</b>	Inspected
Condition	2 - Between Good and Fair
Deficiency	LESS THAN 20% SPARE CIRCUIT BREAKERS
Deficiency Location/Instance	Outside Electrical Room
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	INSTALL NEW PANEL BOARD
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
<b>EMERGENCY LIGHTING</b>	Inspected
<b>Battery Pack</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>Non Battery Pack</b>	Under Construction
<b>EXIT LIGHT</b>	Inspected
<b>Battery Pack</b>	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Non Battery Pack</b>	Does not Exist
<b>EXIT/EMERGENCY LIGHT</b>	Does not Exist
<b>CITY FIRE ALARM SYSTEM</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>FIRE ALARM SYSTEM</b>	Under Construction
<b>GROUNDING SYSTEM</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>INTERCOM SYSTEM</b>	Does not Exist
<b>LAN</b>	Inspected
<b>Local Distribution Frame (I/LDF)</b>	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>Main Equipment Rack (MDF)</b>	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
<b>LIGHTNING PROTECTION</b>	Does not Exist
<b>MOTOR CONTROL CENTER</b>	Does not Exist
<b>MOTOR STARTER/CONTACTOR</b>	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
<b>PANEL BOARD</b>	Inspected
<b>Fused Disconnect Switch Type</b>	Inspected
Condition	3 - Fair
Deficiency	PANEL BOARD BEYOND USEFUL LIFE
Deficiency Location/Instance	Boiler Room
Deficiency Quantity	2

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Question	Response
<b>PANEL BOARD</b>	
<b>Fused Disconnect Switch Type</b>	
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.
<b>Fused Knife Switch Type</b>	
	Does not Exist
<b>Fused Toggle Switch Type</b>	
	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
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
<b>Molded Case Circuit Breaker Type</b>	
	Inspected
Condition	3 - Fair
Deficiency	PANEL BOARD DOOR LOCK IS MISSING
Deficiency Location/Instance	Electrical Room
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	PANEL BOARD DIRECTORY MISSING OR REQUIRES UPDATING
Deficiency Location/Instance	By Room 304
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	PANEL BOARD COVER IS MISSING
Deficiency Location/Instance	By Rooms 204A, 404A, Cafeteria (East)
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded

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<b>PANEL BOARD</b>	
<b>Molded Case Circuit Breaker Type</b>	
Violations	No violations recorded.
Deficiency	PANEL BOARD BEYOND USEFUL LIFE
Deficiency Location/Instance	By Room 105, Cafeteria
Deficiency Quantity	4
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.
Deficiency	NO SPARE
Deficiency Location/Instance	Corridors (2nd to 4th Floor), Boiler Room
Deficiency Quantity	7
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.
<b>PUBLIC ADDRESS SYSTEM</b>	
	Inspected
Replacement Quantity	86,000
Replacement Uom	S.F.
Instance	General Office
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	IPA 300T
Installation Year	1983
Source of Installation	Inspector Estimate
Deficiency	MASTER CLOCK NOT OPERATIONAL
Deficiency Location/Instance	General Office
Deficiency Quantity	86,000
Quantity Uom	S.F.
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	General Office
Deficiency Quantity	86,000
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.



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<b>Question</b>	<b>Response</b>
<b>SECURITY</b>	Inspected
<b>IPDVS/CCTV System</b>	Inspected
Replacement Quantity	86,000
Replacement Uom	S.F.
Installation Year	2015
Source of Installation	Custodial Staff
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Intrusion Alarm System</b>	Inspected
Replacement Quantity	86,000
Replacement Uom	S.F.
<b>Central Control Panel</b>	Inspected
Instance	Custodian's Office
Instance Condition	1 - Good
Instance Quantity	1
Instance Quantity Uom	EACH
Model	N/A
Installation Year	2017
Source of Installation	Custodial Staff
Deficiency	No deficiencies recorded
<b>Infrared Sensor</b>	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Panic Switch</b>	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Remote Annunciator</b>	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Siren/Strobe</b>	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Ultrasonic Sensor</b>	Does not Exist
<b>Lighting - Security</b>	Inaccessible
<b>SERVICE SWITCH</b>	Inspected
Instance	Electrical Room
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Federal Pacific Electric
Equipment	Main Disc. SW 1600A B.P.S 1400A LCL Fuses
Capacity/Size Quantity	1,400
Capacity/Size UOM	Amps
Source of Capacity/Size	Fuse Size
Installation Year	1960
Source of Installation	Inspector Estimate
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	General Office
Deficiency Quantity	86,000

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<b>Question</b>	<b>Response</b>
<b>SERVICE SWITCH</b>	
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.
<b>SWITCHBOARD</b>	
Number of Spares	Inspected 0
<b>Air Circuit Breaker Type</b>	Does not Exist
<b>Fused Disconnect Switch Type</b>	Inspected
Instance	Electrical Room
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Federal Pacific Electric
Equipment	N/A
Capacity/Size Quantity	1,400
Capacity/Size UOM	Amps Total
Capacity/Size2 Quantity	2
Capacity/Size2 UOM	Section(S)
Source of Capacity/Size	Service Switch Fuse Size
Installation Year	1960
Source of Installation	Inspector Estimate
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	General Office
Deficiency Quantity	86,000
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.
<b>Fused Knife Switch Type</b>	Does not Exist
<b>Molded Case Circuit Breaker Type</b>	Does not Exist
<b>TELEPHONE SYSTEM</b>	
<b>PBX/Intercom</b>	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>Standard</b>	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
<b>TRANSFORMER</b>	Does not Exist
<b>TV SYSTEM</b>	Does not Exist