

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

Electrical Inspection

K917

Asset: BKLYN COLL ACAD (BRIDGES TO K)-K, 350 CONEY ISLAND AVENUE, New York, 11218

Inspection Id	Inspection Type	Time In	Last Edited
EE : K917	Electrical	2018-04-16 8:49 AM	2018-04-19 10:34 AM

Asset Data

Question	Answer
Type of Service	Below Ground
Does Interactive Whiteboard (IWB) Exist?	Yes
Water Penetration in Electrical Room?	No
Have any Systems/Major Building Components been upgraded?	Yes
	Systems: Library
	Years: Under construction
	Systems: Security Lights, IPDVS/CCTV System, Telephone System, Interior Fluorescent Lighting, Exit Lights (Battery Pack)
	Years: 2016
	Systems: Intrusion Alarm System (Panic Switch)
	Years: 2014
	Systems: LAN
	Years: 2012
	Systems: Emergency Lighting (Battery Pack)
	Years: 2011
	Systems: All Other Electrical Systems and Components
	Years: 1996

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	Photo/Image
No condition recorded								

Inspection

Question	Response
Electrical	
AUDITORIUM	Does not Exist
CAFETERIA	Inspected
Instance on 4th Floor	Inspected
Lighting	Inspected
Instance on 4th Floor	Inspected
Lighting Fixture - Fluorescent	
Instance on 4th Floor	Inspected
Pendant Mounted	Does not Exist
Instance on 4th Floor	Does not Exist
Surface Mounted	Does not Exist
Instance on 4th Floor	Does not Exist
Recessed Mounted	Inspected
Instance on 4th Floor	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Lighting Fixture - HID	

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Question	Response
CAFETERIA	
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	Does not Exist
Local Sound System	
	Inspected
Instance on 4th Floor	Inspected
Installation Year	1996
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	CAFETERIA - 4th Floor
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.
Projection System	
	Does not Exist
Instance on 4th Floor	Does not Exist
Theater Lighting System	
	Does not Exist
Instance on 4th Floor	Does not Exist
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
Surface Mounted	
	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Recessed 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	
	Inspected
Instance on Room 312-1	Inspected
Power Panel	Yes
Lighting	
	Inspected
Instance on Room 312-1	Inspected
Lighting Fixture - Fluorescent	
	Inspected
Instance on Room 312-1	Inspected
Pendant Mounted	
	Does not Exist
Instance on Room 312-1	Does not Exist

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Question	Response
COMPUTER LAB	
Lighting	
Lighting Fixture - Fluorescent	
Surface Mounted	Does not Exist
Instance on Room 312-1	Does not Exist
Recessed Mounted	Inspected
Instance on Room 312-1	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Lighting Fixture - HID	
Instance on Room 312-1	Does not Exist
Lighting Fixture - Incandescent	
Instance on Room 312-1	Does not Exist
Lighting Fixture - LED	
Instance on Room 312-1	Does not Exist
Raceway With Receptacles	Does not Exist
Instance on Room 312-1	Does not Exist
GYMNASIUM	Does not Exist
KITCHEN	Inspected
Instance on 4th Floor	Inspected
Lighting	Inspected
Instance on 4th Floor	Inspected
Lighting Fixture - Fluorescent	
Instance on 4th Floor	Inspected
Pendant Mounted	Does not Exist
Instance on 4th Floor	Does not Exist
Surface Mounted	Does not Exist
Instance on 4th Floor	Does not Exist
Recessed Mounted	Inspected
Instance on 4th Floor	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
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	Does not Exist
LIBRARY	Inspected
Instance on Room 306-1	Under Construction
LOCKER ROOM	Inspected
Instance on Rooms 505-1, 505-2	Inspected
Alternative use	Yes
Lighting	Inspected
Instance on Rooms 505-1, 505-2	Inspected
Lighting Fixture - Fluorescent	
Instance on Rooms 505-1, 505-2	Inspected
Pendant Mounted	Does not Exist
Instance on Rooms 505-1, 505-2	Does not Exist

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Question	Response
LOCKER ROOM	
Lighting	
Lighting Fixture - Fluorescent	
Surface Mounted	Does not Exist
Instance on Rooms 505-1, 505-2	Does not Exist
Recessed Mounted	Inspected
Instance on Rooms 505-1, 505-2	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Lighting Fixture - HID	
Instance on Rooms 505-1, 505-2	Does not Exist
Lighting Fixture - Incandescent	
Instance on Rooms 505-1, 505-2	Does not Exist
Lighting Fixture - LED	
Instance on Rooms 505-1, 505-2	Does not Exist
MULTIPURPOSE ROOM	
Instance on 5th Floor	Inspected
Lighting	
Instance on 5th Floor	Inspected
Lighting Fixture - Fluorescent	
Instance on 5th Floor	Inspected
Pendant Mounted	Does not Exist
Instance on 5th Floor	Does not Exist
Surface Mounted	Inspected
Instance on 5th Floor	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Recessed Mounted	Does not Exist
Instance on 5th Floor	Does not Exist
Lighting Fixture - HID	
Instance on 5th Floor	Does not Exist
Lighting Fixture - Incandescent	
Instance on 5th Floor	Does not Exist
Lighting Fixture - LED	
Instance on 5th Floor	Does not Exist
Local Sound System	
Instance on 5th Floor	Inspected
Installation Year	1996
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	CAFETERIA - 4th Floor
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.
Projection System	
Instance on 5th Floor	Does not Exist

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Question	Response
MULTIPURPOSE ROOM	Inspected
Theater Lighting System	Does not Exist
Instance on 5th Floor	Does not Exist
SCIENCE DEMO ROOM	Does not Exist
SCIENCE LAB	Inspected
Instance on Room 510-1/510-2	Inspected
Power Panel	Yes
Alternative use	No
Lighting	Inspected
Instance on Room 510-1/510-2	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 510-1/510-2	Inspected
Pendant Mounted	Does not Exist
Instance on Room 510-1/510-2	Does not Exist
Surface Mounted	Does not Exist
Instance on Room 510-1/510-2	Does not Exist
Recessed Mounted	Inspected
Instance on Room 510-1/510-2	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Lighting Fixture - HID	
Instance on Room 510-1/510-2	Does not Exist
Lighting Fixture - Incandescent	
Instance on Room 510-1/510-2	Does not Exist
Lighting Fixture - LED	
Instance on Room 510-1/510-2	Does not Exist
Emergency Gas Shut-Off Valve	Inspected
Instance on Room 510-1/510-2	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Emergency Shut-Off Power	Does not Exist
Instance on Room 510-1/510-2	Does not Exist
Power Supply	Inspected
Instance on Room 510-1/510-2	Inspected
Instructor Unit	
Instance on Room 510-1/510-2	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Student Unit	
Instance on Room 510-1/510-2	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Meter Demonstration Unit	
Instance on Room 510-1/510-2	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Projection System	Does not Exist
Instance on Room 510-1/510-2	Does not Exist
SCIENCE PREP ROOM	Does not Exist
SWIMMING POOL	Does not Exist

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Question	Response
TOILET ROOM - STAFF	Inspected
Lighting	Inspected
Lighting Fixture - Fluorescent	Inspected
Pendant Mounted	Does not Exist
Surface Mounted	Inspected
Condition	1 - Good
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	Does not Exist
Surface Mounted	Does not Exist
Recessed 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
AUXILIARY SIGNAL/BELL SYSTEM	Inspected
Replacement Quantity	55,000
Replacement Uom	S.F.
Condition	3 - Fair
Deficiency	No deficiencies recorded
EMERGENCY DC STANDBY BATTERY POWER	Does not Exist
EMERGENCY GENERATOR SET	Inspected
Automatic Transfer Switch (ATS)	Inspected
Instance	Electrical Room
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Cummins Onan
Equipment	ATS GEN
Capacity/Size Quantity	400
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	1996
Source of Installation	Documented
Deficiency	No deficiencies recorded
Instance	Electrical Room
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Cummins Onan
Equipment	Fire Alarm ATS

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Question	Response
EMERGENCY GENERATOR SET	
Automatic Transfer Switch (ATS)	
Capacity/Size Quantity	70
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	1996
Source of Installation	Documented
Deficiency	No deficiencies recorded
Battery Charger	
	Inspected
Instance	Electrical Room
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Cummins Onan
Equipment	Battery Charger
Capacity/Size Quantity	10
Capacity/Size UOM	AmpsDC
Capacity/Size2 Quantity	12
Capacity/Size2 UOM	VDC
Source of Capacity/Size	Nameplate
Installation Year	1996
Source of Installation	Documented
Deficiency	No deficiencies recorded
Diesel	
	Does not Exist
Natural Gas	
	Inspected
Instance	Roof - Generator Enclosure
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Cummins Onan
Equipment	Emergency Generator
Capacity/Size Quantity	100
Capacity/Size UOM	KVA
Capacity/Size2 Quantity	80
Capacity/Size2 UOM	KW
Capacity/Size3Quantity	278
Capacity/Size3 UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	1996
Source of Installation	Documented
Deficiency	No deficiencies recorded
EMERGENCY LIGHT/EXIT LIGHT PANEL	
	Does not Exist
EMERGENCY LIGHTING	
	Inspected
Battery Pack	
	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Non Battery Pack	
	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded

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Question	Response
EXIT LIGHT	Inspected
Battery Pack	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Non Battery Pack	Inspected
Condition	3 - Fair
Deficiency	FIXTURE NOT OPERATIONAL
Deficiency Location/Instance	Room 110-1
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
EXIT/EMERGENCY LIGHT	Does not Exist
CITY FIRE ALARM SYSTEM	Does not Exist
FIRE ALARM SYSTEM	Inspected
Replacement Quantity	55,000
Replacement Uom	S.F.
Bell/Horn	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Strobe	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Manual Pull Station	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Fan Shutdown Control	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Duct Smoke Detector	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Area Smoke Detector	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
CO Detector	Does not Exist
Heat Detector	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Elevator Recall	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
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

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Question	Response
FIRE ALARM SYSTEM	
Main Panel	Inspected
Bell At Panel	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Fire Alarm Control Panel (Electronic)	Inspected
Instance	Main Entrance Lobby
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Simplex
Equipment	Fire Alarm Control Panel
Model	4100
Capacity/Size Quantity	16
Capacity/Size UOM	Zones
Capacity/Size2 Quantity	1
Capacity/Size2 UOM	Section(S)
Source of Capacity/Size	Diagram
Installation Year	1996
Source of Installation	Documented
Deficiency	No deficiencies recorded
Fire Alarm Control Panel (Standard)	Does not Exist
Sub-Panel	Does not Exist
Remote Annunciator	Inspected
Display Monitor	Inspected
Condition	4 - Between Fair and Poor
Deficiency	MONITOR NOT OPERATIONAL
Deficiency Location/Instance	Room 110-1
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Panel	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Printer	Inspected
Condition	5 - Poor
Deficiency	PRINTER NOT OPERATIONAL
Deficiency Location/Instance	Room 110-1
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.

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Question	Response
FIRE ALARM SYSTEM	
Remote Annunciator	Inspected
Punch Register	Does not Exist
Sprinkler Flow/Air Pressure Switch	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Tamper Flow Switch/Chain	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
GROUNDING SYSTEM	
Condition	3 - Fair
Deficiency	No deficiencies recorded
INTERCOM SYSTEM	
Elevator	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Holding Area	Does not Exist
LAN	
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
LIGHTNING PROTECTION	
Does not Exist	
MOTOR CONTROL CENTER	
Does not Exist	
MOTOR STARTER/CONTACTOR	
Condition	3 - Fair
Deficiency	No deficiencies recorded
PANEL BOARD	
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	Rooms (107-2, 229-1)
Deficiency Quantity	2
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 DOOR LOCK IS MISSING
Deficiency Location/Instance	Room 229-1
Deficiency Quantity	1

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Question	Response
PANEL BOARD	
Molded Case Circuit Breaker Type	
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
PUBLIC ADDRESS SYSTEM	
	Inspected
Replacement Quantity	55,000
Replacement Uom	S.F.
Instance	General Office
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Dukane 125
Installation Year	1996
Source of Installation	Documented
Deficiency	CLOCK NOT OPERATIONAL
Deficiency Location/Instance	Classrooms and Corridors
Deficiency Quantity	6
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
SECURITY	
	Inspected
IPDVS/CCTV System	
	Inspected
Replacement Quantity	55,000
Replacement Uom	S.F.
Installation Year	2016
Source of Installation	Custodial Staff
Condition	1 - Good
Deficiency	No deficiencies recorded
Intrusion Alarm System	
	Inspected
Replacement Quantity	55,000
Replacement Uom	S.F.
Central Control Panel	
	Inspected
Instance	Room 103-1
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Vista - 50P
Installation Year	1996
Source of Installation	Documented
Deficiency	No deficiencies recorded
Infrared Sensor	
	Inspected
Condition	3 - Fair

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Question	Response
SECURITY	
Intrusion Alarm System	
Infrared Sensor	Inspected
Deficiency	No deficiencies recorded
Panic Switch	Inspected
Condition	1 - Good
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
Lighting - Security	Inspected
Replacement Quantity	6
Replacement Uom	EACH
Condition	1 - Good
Deficiency	No deficiencies recorded
SERVICE SWITCH	Inspected
Instance	Electrical Room
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	General Electric
Equipment	N/A
Capacity/Size Quantity	2,500
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	1996
Source of Installation	Documented
Deficiency	No deficiencies recorded
SWITCHBOARD	Inspected
Number of Spares	0
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
Instance Manufacturer	General Electric
Equipment	Main DSWB
Capacity/Size Quantity	2,500
Capacity/Size UOM	Amps Total
Capacity/Size2 Quantity	2
Capacity/Size2 UOM	Section(S)
Source of Capacity/Size	Service Switch Size
Installation Year	1996
Source of Installation	Documented

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Question	Response
SWITCHBOARD	
Fused Disconnect Switch Type	
Deficiency	No deficiencies recorded
Instance	Electrical Room
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	General Electric
Equipment	EMDP (Emergency Generator Switchboard)
Capacity/Size Quantity	400
Capacity/Size UOM	Amps Total
Capacity/Size2 Quantity	1
Capacity/Size2 UOM	Section(S)
Source of Capacity/Size	Nameplate
Installation Year	1996
Source of Installation	Documented
Deficiency	No deficiencies recorded
Fused Knife Switch Type	Does not Exist
Molded Case Circuit Breaker Type	Does not Exist
TELEPHONE SYSTEM	
PBX/Intercom	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Standard	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
TRANSFORMER	
TV SYSTEM	Inspected
Cable System Exist?	Yes
Operational?	Yes
Main Equipment Rack	Does not Exist