

NYC Department of Education
Building Condition Assessment Survey 2018 - 2019

Electrical Inspection

K162

Asset: I.S. 162 - BROOKLYN, 1390 WILLOUGHBY AVENUE, New York, 11237

Inspection Id	Inspection Type	Time In	Last Edited
EE : K162	Electrical	2018-10-31 8:32 AM	2018-12-19 6:44 PM

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: Fire Alarm System, Public Address System, Local Sound System
	Years: Under Construction
	Systems: Intrusion Alarm System (Central Control Panel, Infrared Sensors, Partial Remote Annunciator, Siren/Strobe)
	Years: 2018
	Systems: Telephone System
	Years: 2017
	Systems: Interior Lighting, Exit Lights (Battery Pack)
	Years: 2016
	Systems: Computer Lab (Raceway with Receptacles)
	Years: 2012
	Systems: Intercom System (Elevator), IPDVS/CCTV System
	Years: 2010
	Systems: Auditorium (Projection System, Local Sound System), Emergency Light/Exit Light Panel, LAN, Molded Case Circuit Breaker Panel Board
	Years: 2009
	Systems: Security Lights
	Years: 1990

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	Intercom - Not Connected to Remote Monitoring Station	N/A	INTERCOM SYSTEM Elevator	Elevator - Device ID 3P13112	Florian Galway	Custodian	Sent to DSF	

Inspection

Question	Response
Electrical	
AUDITORIUM	Inspected
Instance on 1st Floor	Inspected
House Lighting	Inspected
Does a Chandelier exist?	No
Instance on 1st Floor	Inspected
Lighting Fixture - Fluorescent	
Instance on 1st Floor	Does not Exist
Lighting Fixture - HID	

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Question	Response
AUDITORIUM	
House Lighting	
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	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Surface Mounted	
Instance on 1st Floor	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on 1st Floor	Does not Exist
Local Sound System	
Instance on 1st Floor	Under Construction
Projection System	
Is the projector on a cart or installed on the ceiling?	Ceiling
Instance on 1st Floor	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Theater Lighting System	
Instance on 1st Floor	Does not Exist
CAFETERIA	
Instance on Basement - Students, Basement - Staff	Inspected
Lighting	
Instance on Basement - Students, Basement - Staff	Inspected
Lighting Fixture - Fluorescent	
Instance on Basement - Students, Basement - Staff	Inspected
Pendant Mounted	
Instance on Basement - Students, Basement - Staff	Does not Exist
Surface Mounted	
Instance on Basement - Students, Basement - Staff	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on Basement - Students, Basement - Staff	Does not Exist
Lighting Fixture - HID	
Instance on Basement - Students, Basement - Staff	Does not Exist
Lighting Fixture - Incandescent	
Instance on Basement - Students, Basement - Staff	Does not Exist
Lighting Fixture - LED	
Instance on Basement - Students, Basement - Staff	Does not Exist
Local Sound System	
Instance on Basement - Students, Basement - Staff	Does not Exist

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Question	Response
CAFETERIA	Inspected
Projection System	Does not Exist
Instance on Basement - Students, Basement - Staff	Does not Exist
Theater Lighting System	Does not Exist
Instance on Basement - Students, Basement - Staff	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	Does not Exist
Lighting Fixture - HID	Does not Exist
Lighting Fixture - Incandescent	Does not Exist
Lighting Fixture - LED	Does not Exist
COMPUTER LAB	Inspected
Instance on Room 211	Inspected
Power Panel	Yes
Lighting	Inspected
Instance on Room 211	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 211	Inspected
Pendant Mounted	Inspected
Instance on Room 211	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Surface Mounted	Does not Exist
Instance on Room 211	Does not Exist
Recessed Mounted	Does not Exist
Instance on Room 211	Does not Exist
Lighting Fixture - HID	
Instance on Room 211	Does not Exist
Lighting Fixture - Incandescent	
Instance on Room 211	Does not Exist
Lighting Fixture - LED	
Instance on Room 211	Does not Exist
Raceway With Receptacles	Inspected
Instance on Room 211	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
GYMNASIUM	Inspected
Instance on 1st Floor	Inspected
Instance on 3rd Floor	Inspected
Lighting	Inspected
Instance on 3rd Floor	Inspected

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Question	Response
GYMNASIUM	
Lighting	
Instance on 1st Floor	Inspected
Lighting Fixture - Fluorescent	
Instance on 3rd Floor	Inspected
Instance on 1st Floor	Inspected
Pendant Mounted	Does not Exist
Instance on 3rd Floor	Does not Exist
Instance on 1st Floor	Does not Exist
Surface Mounted	Inspected
Instance on 3rd Floor	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Instance on 1st Floor	Does not Exist
Recessed Mounted	Does not Exist
Instance on 3rd Floor	Does not Exist
Instance on 1st Floor	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Lighting Fixture - HID	
Instance on 3rd Floor	Does not Exist
Instance on 1st Floor	Does not Exist
Lighting Fixture - Incandescent	
Instance on 3rd Floor	Does not Exist
Instance on 1st Floor	Does not Exist
Lighting Fixture - LED	
Instance on 3rd Floor	Does not Exist
Instance on 1st Floor	Does not Exist
Local Sound System	Does not Exist
Instance on 3rd Floor	Does not Exist
Instance on 1st Floor	Does not Exist
Projection System	Does not Exist
Instance on 3rd Floor	Does not Exist
Instance on 1st Floor	Does not Exist
Scoreboard	Does not Exist
Instance on 3rd Floor	Does not Exist
Instance on 1st Floor	Does not Exist
Theater Lighting System	Does not Exist
Instance on 3rd Floor	Does not Exist
Instance on 1st Floor	Does not Exist
KITCHEN	Inspected
Instance on Basement	Inspected
Lighting	Inspected
Instance on Basement	Inspected
Lighting Fixture - Fluorescent	
Instance on Basement	Inspected
Pendant Mounted	Does not Exist
Instance on Basement	Does not Exist

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Question	Response
KITCHEN	
Lighting	
Lighting Fixture - Fluorescent	
Surface Mounted	Does not Exist
Instance on Basement	Does not Exist
Recessed Mounted	Inspected
Instance on Basement	Inspected
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	Does not Exist
LIBRARY	Inspected
Instance on Room 307/309	Inspected
Lighting	Inspected
Instance on Room 307/309	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 307/309	Inspected
Pendant Mounted	Inspected
Instance on Room 307/309	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Surface Mounted	Does not Exist
Instance on Room 307/309	Does not Exist
Recessed Mounted	Does not Exist
Instance on Room 307/309	Does not Exist
Lighting Fixture - HID	
Instance on Room 307/309	Does not Exist
Lighting Fixture - Incandescent	
Instance on Room 307/309	Does not Exist
Lighting Fixture - LED	
Instance on Room 307/309	Does not Exist
Raceway With Receptacles	Inspected
Instance on Room 307/309	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Projection System	Does not Exist
Instance on Room 307/309	Does not Exist
LOCKER ROOM	Does not Exist
MULTIPURPOSE ROOM	Does not Exist
SCIENCE DEMO ROOM	Inspected
Instance on Room 313	Inspected
Power Panel	Yes
Alternative use	Yes
Lighting	Inspected
Instance on Room 313	Inspected

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Question	Response
SCIENCE DEMO ROOM	
Lighting	
Lighting Fixture - Fluorescent	
Instance on Room 313	Inspected
Pendant Mounted	
Instance on Room 313	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Surface Mounted	
Instance on Room 313	Does not Exist
Recessed Mounted	
Instance on Room 313	Does not Exist
Lighting Fixture - HID	
Instance on Room 313	Does not Exist
Lighting Fixture - Incandescent	
Instance on Room 313	Does not Exist
Lighting Fixture - LED	
Instance on Room 313	Does not Exist
Projection System	
Instance on Room 313	Does not Exist
Emergency Gas Shut-Off Valve	
Instance on Room 313	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Emergency Shut-Off Power	
Instance on Room 313	Does not Exist
Power Supply	
Instance on Room 313	Does not Exist
SCIENCE LAB	
Instance on Room 301	Inspected
Power Panel	Yes
Alternative use	No
Instance on Room 310	Inspected
Power Panel	No
Alternative use	Yes
Instance on Room 311	Inspected
Power Panel	No
Alternative use	Yes
Lighting	
Instance on Room 311	Inspected
Instance on Room 310	Inspected
Instance on Room 301	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 311	Inspected
Instance on Room 310	Inspected
Instance on Room 301	Inspected
Pendant Mounted	
Instance on Room 311	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded

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Question	Response
SCIENCE LAB	
Lighting	
Lighting Fixture - Fluorescent	
Pendant Mounted	
Instance on Room 310	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Instance on Room 301	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Surface Mounted	
Instance on Room 311	Does not Exist
Instance on Room 310	Does not Exist
Instance on Room 301	Does not Exist
Recessed Mounted	
Instance on Room 311	Does not Exist
Instance on Room 310	Does not Exist
Instance on Room 301	Does not Exist
Lighting Fixture - HID	
Instance on Room 311	Does not Exist
Instance on Room 310	Does not Exist
Instance on Room 301	Does not Exist
Lighting Fixture - Incandescent	
Instance on Room 311	Does not Exist
Instance on Room 310	Does not Exist
Instance on Room 301	Does not Exist
Lighting Fixture - LED	
Instance on Room 311	Does not Exist
Instance on Room 310	Does not Exist
Instance on Room 301	Does not Exist
Emergency Gas Shut-Off Valve	
Instance on Room 311	Inspected
Instance on Room 310	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Instance on Room 301	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Instance on Room 301	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Emergency Shut-Off Power	
Instance on Room 311	Does not Exist
Instance on Room 310	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Instance on Room 301	Does not Exist
Power Supply	
Instance on Room 311	Does not Exist
Instance on Room 310	Does not Exist
Instance on Room 301	Does not Exist

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Question	Response
SCIENCE LAB	
Power Supply	Does not Exist
Instance on Room 301	Does not Exist
Projection System	Does not Exist
Instance on Room 311	Does not Exist
Instance on Room 310	Does not Exist
Instance on Room 301	Does not Exist
SCIENCE PREP ROOM	Inspected
Instance on Room 306A	Inspected
Power Panel	Yes
Alternative use	Yes
Lighting	Inspected
Instance on Room 306A	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 306A	Inspected
Pendant Mounted	Inspected
Instance on Room 306A	Inspected
Condition	1 - Good
Deficiency	No deficiencies recorded
Surface Mounted	Does not Exist
Instance on Room 306A	Does not Exist
Recessed Mounted	Does not Exist
Instance on Room 306A	Does not Exist
Lighting Fixture - HID	
Instance on Room 306A	Does not Exist
Lighting Fixture - Incandescent	
Instance on Room 306A	Does not Exist
Lighting Fixture - LED	
Instance on Room 306A	Does not Exist
Emergency Gas Shut-Off Valve	Does not Exist
Instance on Room 306A	Does not Exist
Emergency Shut-Off Power	Does not Exist
Instance on Room 306A	Does not Exist
Power Supply	Does not Exist
Instance on Room 306A	Does not Exist
SWIMMING POOL	Does not Exist
TOILET ROOM - STAFF	Inspected
Lighting	Inspected
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	Does not Exist
Lighting Fixture - HID	Does not Exist
Lighting Fixture - Incandescent	Does not Exist
Lighting Fixture - LED	Does not Exist

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Question	Response
TOILET ROOM - STUDENT	Inspected
Lighting	Inspected
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	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	74,000
Replacement Uom	S.F.
Condition	3 - Fair
Deficiency	No deficiencies recorded
EMERGENCY DC STANDBY BATTERY POWER	Does not Exist
EMERGENCY GENERATOR SET	Does not Exist
EMERGENCY LIGHT/EXIT LIGHT PANEL	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
EMERGENCY LIGHTING	Inspected
Battery Pack	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
Non Battery Pack	Inspected
Condition	3 - Fair
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
CITY FIRE ALARM SYSTEM	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
FIRE ALARM SYSTEM	Under Construction
GROUNDING SYSTEM	Inspected
Condition	3 - Fair
Deficiency	No deficiencies recorded
INTERCOM SYSTEM	Inspected
Elevator	Inspected
Condition	2 - Between Good and Fair
Deficiency	NOT CONNECTED TO REMOTE MONITORING STATION
Deficiency Location/Instance	Elevator - Device ID 3P13112
Deficiency Quantity	1

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Question	Response
INTERCOM SYSTEM	
Elevator	Inspected
Quantity Uom	EACH
Potential Action	INSTALL CONNECTION
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 6
Deficiency Photo	No photo recorded
Violations	No violations recorded.
Holding Area	Does not Exist
LAN	Inspected
Local Distribution Frame (I/LDF)	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Main Equipment Rack (MDF)	Inspected
Condition	2 - Between Good and Fair
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	Does not Exist
Fused Knife Switch Type	Does not Exist
Fused Toggle Switch Type	Does not Exist
Molded Case Circuit Breaker Type	Inspected
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
PUBLIC ADDRESS SYSTEM	Under Construction
SECURITY	Inspected
IPDVS/CCTV System	Inspected
Replacement Quantity	74,000
Replacement Uom	S.F.
Installation Year	2010
Source of Installation	Documented
Condition	2 - Between Good and Fair
Deficiency	No deficiencies recorded
Intrusion Alarm System	Inspected
Replacement Quantity	74,000
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
Installation Year	2018
Source of Installation	Custodial Staff
Deficiency	No deficiencies recorded

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Question	Response
SECURITY	
Intrusion Alarm System	
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	1 - Good
Deficiency	SIREN/STROBE NOT ACTIVE
Deficiency Location/Instance	Exterior Walls facing Saint Nicholas Avenue
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 4
Purpose of Action	LEVEL 3
Deficiency Photo1	No photo recorded
Violations	No violations recorded.
Ultrasonic Sensor	Does not Exist
Lighting - Security	Inaccessible
SERVICE SWITCH	
Instance	Electrical Room (Inside Cafeteria)
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Empire Switchboard
Equipment	N/A
Capacity/Size Quantity	1,200
Capacity/Size UOM	Amps
Source of Capacity/Size	Nameplate
Installation Year	1971
Source of Installation	Documented
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	Electrical Room (Inside Cafeteria)
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	
Number of Spares	1
Air Circuit Breaker Type	Does not Exist
Fused Disconnect Switch Type	Inspected

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Question	Response
SWITCHBOARD	
Fused Disconnect Switch Type	
Instance	Electrical Room (Inside Boiler Room)
Instance Condition	3 - Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Instance Manufacturer	Electric Switchboard
Equipment	N/A
Capacity/Size Quantity	1,250
Capacity/Size UOM	Amps Total
Capacity/Size2 Quantity	2
Capacity/Size2 UOM	Section(S)
Source of Capacity/Size	Service Switch Size
Installation Year	1971
Source of Installation	Documented
Deficiency	BEYOND USEFUL LIFE
Deficiency Location/Instance	Electrical Room (Inside Boiler Room)
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Deficiency Photo	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
Cable System Exist? Operational?	Yes No
Main Equipment Rack	Does not Exist