

**NYC Department of Education
Building Condition Assessment Survey 2008-2009**

Electrical Inspection

K051

School: **I.S. 51 - BROOKLYN, 350 5TH AVENUE, BROOKLYN, NY, 11215**

InspectionId	Inspection Type	Time In	Last Edited
1196047	ELECTRICAL	2009-01-23 08:08AM	2009-01-28 10:51AM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Emergency and Exit Lights Years: 1993 Systems: Fire Alarm System Years: 2007 Systems: PA and Local Sound Systems Years: 2007 Systems: Auxiliary Bell System Years: 2007 Systems: Intrusion Alarm Years: Under Construction Systems: Most Fluorescent Lighting Years: 1983-1985 Systems: Outside Security Lights Years: 2007 Systems: LAN Years: 2004 Systems: Elevator Recall and Intercom Systems Years: Under Construction Systems: Electric Service including Panel Boards and Grounding System Years: 2007 Systems: PBX/ Intercom Years: Classroom phones - 2007, Offices - 2002 Systems: Auditorium Stage Lights Years: Approx. 1984 and 2007/2008 Systems: Auditorium Dimming System Years: 2007 Systems: Fluorescent Lighting in Auditorium Years: 2003 Systems: Recessed Fluorescent Lighting in Corridors Years: 2008 Systems: Floor Mounted Raceways in Computer Lab Years: 2008

Priority Condition

No condition recorded

Inspection

Question	Response
ELECTRICAL	
ATHLETIC FIELD	Does not exist
AUDITORIUM	Inspected
Instance	First Floor
House Lighting	
Instance on First Floor	Inspected
Lighting Fixture - Fluorescent	
Instance on First Floor	Inspected
Pendant Mounted	
Instance on First Floor	Does not exist
Recessed Mounted	
Instance on First Floor	Does not exist
Surface Mounted	

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Question	Response
AUDITORIUM	
House Lighting	
Lighting Fixture - Fluorescent	
Surface Mounted	
Instance on First Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Lighting Fixture - HID	
Instance on First Floor	Does not exist
Lighting Fixture - Incandescent	
Instance on First Floor	Does not exist
Local Sound System	
Instance on First Floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Projection System	
Instance on First Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Theater Lighting System	
Instance on First Floor	Inspected
Dimming System	
Instance on First Floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Theater Lighting	
Instance on First Floor	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
AUXILIARY SIGNAL/BELL SYSTEM	
Condition	1- Good
Replacement Quantity	113,000
Replacement Uom	S.F.
Deficiency	No deficiencies recorded
CAFETERIA	
Instance	Basement
Lighting	
Instance on Basement	Inspected
Lighting Fixture - Fluorescent	
Instance on Basement	Inspected
Pendant Mounted	
Instance on Basement	Does not exist
Recessed Mounted	
Instance on Basement	Does not exist
Surface Mounted	
Instance on Basement	Inspected
Instance 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
Local Sound System	
Instance on Basement	Inspected

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Question	Response
CAFETERIA	
Local Sound System	
Instance Condition	1- Good
Deficiency	No deficiencies recorded
CAFETERIA/MULTIPURPOSE ROOM	
	Does not exist
CITY FIRE ALARM SYSTEM	
Condition	Inspected
Deficiency	3- Fair
CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE	
Lighting	Inspected
Lighting Fixture - Fluorescent	
Pendant Mounted	
Condition	Inspected
Deficiency	3- Fair
Deficiency Quantity	LIGHTING FIXTURE BEYOND USEFUL LIFE - NON DEFECTIVE
Quantity Uom	20
Potential Action	EACH
Urgency of Action	REPLACE-UPGRADE
Purpose of Action	PRIORITY 1
Violations	LEVEL 2
Violations	No violations recorded
Recessed Mounted	
Condition	Inspected
Deficiency	1- Good
Deficiency	No deficiencies recorded
Surface Mounted	
Condition	Inspected
Deficiency	3- Fair
Deficiency	No deficiencies recorded
Lighting Fixture - HID	
	Does not exist
Lighting Fixture - Incandescent	
	Does not exist
COMPUTER LAB	
Instance	Inspected
Has LAN/Modem access	Room 201
Power Panel?	Yes
Power Panel?	Yes
Lighting	
Instance on Room 201	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 201	Inspected
Pendant Mounted	
Instance on Room 201	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on Room 201	Does not exist
Surface Mounted	
Instance on Room 201	Does not exist
Lighting Fixture - HID	
Instance on Room 201	Does not exist
Lighting Fixture - Incandescent	
Instance on Room 201	Does not exist
Raceway With Receptacles	
Instance on Room 201	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
ELECTRIC SERVICE SWITCH	
Instance	Inspected
Instance	Electrical Room

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Question	Response
ELECTRIC SERVICE SWITCH	
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Electrotech
Model	Electrotech
EquipmentId	Main
Capacity/Size	1000 Amps
Installation Year	2007
Deficiency	SWITCH NAME PLATE 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
Violations	No violations recorded
EMERGENCY DC STANDBY BATTERY POWER	
	Does not exist
EMERGENCY GENERATOR SET	
	Does not exist
EMERGENCY LIGHT/EXIT LIGHT PANEL	
Condition	Inspected
Deficiency	2- Between Good and Fair
EMERGENCY LIGHTING	
	Inspected
Battery Pack	
Condition	Inspected
Deficiency	3- Fair
Connected To Emergency Generator System	
	No deficiencies recorded
Connected To Emergency Light/Exit Light Panel	
Condition	Inspected
Deficiency	3- Fair
Relay Test Switch	
Condition	Inspected
Deficiency	3- Fair
EXIT LIGHT	
	Inspected
Battery Pack	
	Does not exist
Connected To Emergency Generator System	
	Does not exist
Connected To Emergency Light/Exit Light Panel	
Condition	Inspected
Deficiency	3- Fair
FIRE ALARM SYSTEM	
Replacement Quantity	Inspected
Replacement Uom	113,000
	S.F.
Area Smoke Detector	
Condition	Inspected
Deficiency	1- Good
Bell/Horn	
Condition	No deficiencies recorded
Deficiency	Inspected
Duct Smoke Detector	
Condition	1- Good
Deficiency	No deficiencies recorded
Elevator Recall	
	Under construction
Fan Shutdown Control	
Condition	Inspected
Deficiency	1- Good
	No deficiencies recorded

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Question	Response
FIRE ALARM SYSTEM	
Fire Alarm Digital Communicator	Does not exist
Fused Cutout Panel	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Heat Detector	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Magnetic Door Holder Contactor	Does not exist
Main Panel	Inspected
Bell At Panel	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Fire Alarm Control Panel (Electronic)	Inspected
Instance	First Floor next to the Custodians Office
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Edwards
Model	EST2
EquipmentId	Fire Alarm Control Panel
Capacity/Size	9 zones
Installation Year	2007
Deficiency	No deficiencies recorded
Fire Alarm Control Panel (Standard)	Does not exist
Manual Pull Station	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Remote Annunciator	Inspected
Display Monitor	Does not exist
Panel	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Printer	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Punch Register	Does not exist
Sprinkler Flow/Air Pressure Switch	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Strobe	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Sub-Panel	Does not exist
Tamper Flow Switch/Chain	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
GROUNDING SYSTEM	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
GYMNASIUM	Inspected
Instance	First Floor
Lighting	
Instance on First Floor	Inspected

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Question	Response
GYMNASIUM	
Lighting	
Lighting Fixture - Fluorescent	
Instance on First Floor	Inspected
Pendant Mounted	
Instance on First Floor	Does not exist
Recessed Mounted	
Instance on First Floor	Does not exist
Surface Mounted	
Instance on First Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Lighting Fixture - HID	
Instance on First Floor	Inspected
Pendant Mounted	
Instance on First Floor	Does not exist
Recessed Mounted	
Instance on First Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Surface Mounted	
Instance on First Floor	Does not exist
Lighting Fixture - Incandescent	
Instance on First Floor	Does not exist
Local Sound System	
Instance on First Floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Scoreboard	
Instance on First Floor	Does not exist
Theater Lighting System	
Instance on First Floor	Does not exist
INTERCOM SYSTEM	
Elevator	Inspected
Holding Area	Under construction
KITCHEN/WARMING PANTRY	Does not exist
Lighting	Inspected
Lighting Fixture - Fluorescent	Inspected
Pendant Mounted	
Condition	Inspected
Deficiency	3- Fair
Recessed Mounted	
Condition	Does not exist
Surface Mounted	
Condition	Inspected
Deficiency	3- Fair
Lighting Fixture - HID	
Condition	Does not exist
Lighting Fixture - Incandescent	
Condition	Does not exist
LAN	
Local Distribution Frame (I/LDF)	Inspected
Condition	Inspected
Deficiency	2- Between Good and Fair
Main Equipment Rack (MDF)	
Condition	Inspected
Deficiency	2- Between Good and Fair
Deficiency	
Condition	No deficiencies recorded
Deficiency	No deficiencies recorded

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Question	Response
LIBRARY	Inspected
Instance	Room 333
Has LAN/Modem access	Yes
Lighting	
Instance on Room 333	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 333	Inspected
Pendant Mounted	
Instance on Room 333	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on Room 333	Does not exist
Surface Mounted	
Instance on Room 333	Does not exist
Lighting Fixture - HID	
Instance on Room 333	Does not exist
Lighting Fixture - Incandescent	
Instance on Room 333	Does not exist
Raceway With Receptacles	
Instance on Room 333	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
LIGHTING - EXTERIOR SECURITY	Inspected
Condition	1- Good
Replacement Quantity	36
Replacement Uom	EACH
Deficiency	No deficiencies recorded
LIGHTNING PROTECTION	Does not exist
LOCKER ROOM/SHOWER ROOM	Inspected
Instance	Basement Boys
Alternative Use	No
Instance	First Floor Girls
Alternative Use	No
Lighting	
Instance on Basement Boys	Inspected
Instance on First Floor Girls	Inspected
Lighting Fixture - Fluorescent	
Instance on Basement Boys	Inspected
Instance on First Floor Girls	Inspected
Pendant Mounted	
Instance on Basement Boys	Does not exist
Instance on First Floor Girls	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on Basement Boys	Does not exist
Instance on First Floor Girls	Does not exist
Surface Mounted	
Instance on Basement Boys	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Instance on First Floor Girls	Inspected
Instance Condition	3- Fair

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Question	Response
LOCKER ROOM/SHOWER ROOM	
Lighting	
Lighting Fixture - Fluorescent	
Surface Mounted	
Deficiency	No deficiencies recorded
Lighting Fixture - HID	
Instance on Basement Boys	Does not exist
Instance on First Floor Girls	Does not exist
Lighting Fixture - Incandescent	
Instance on Basement Boys	Inspected
Instance on First Floor Girls	Inspected
Pendant Mounted	
Instance on Basement Boys	Does not exist
Instance on First Floor Girls	Does not exist
Recessed Mounted	
Instance on Basement Boys	Does not exist
Instance on First Floor Girls	Does not exist
Surface Mounted	
Instance on Basement Boys	Inspected
Instance Condition	3- Fair
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Quantity	8
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Instance on First Floor Girls	Inspected
Instance Condition	3- Fair
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
MOTOR CONTROL CENTER	Does not exist
MOTOR STARTER/CONTACTOR	Inspected
Condition	3- Fair
Deficiency	MOTOR STARTER BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	Mechanical Spaces
Deficiency Quantity	16
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
MULTIPURPOSE ROOM	Does not exist
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

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Question	Response
PANEL BOARD	
Molded Case Circuit Breaker Type	
Condition	1- Good
Deficiency	No deficiencies recorded
PUBLIC ADDRESS SYSTEM	
Replacement Quantity	113,000
Replacement Uom	S.F.
Instance	General Office
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Telecenter TC2105
Deficiency	No deficiencies recorded
SCIENCE DEMO ROOM	
Instance	Room 102
Has LAN/Modem access	Yes
Power Panel?	Yes
Alternative Use	No
Instance	Rooms 240, 244, 340 and 344
Has LAN/Modem access	Yes
Power Panel?	No
Alternative Use	No
Emergency Gas Shut-Off Valve	
Instance on Room 102	Does not exist
Instance on Rooms 240, 244, 340 and 344	Does not exist
Emergency Shut-Off Power	
Instance on Room 102	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Instance on Rooms 240, 244, 340 and 344	Does not exist
Lighting	
Instance on Room 102	Inspected
Instance on Rooms 240, 244, 340 and 344	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 102	Inspected
Instance on Rooms 240, 244, 340 and 344	Inspected
Pendant Mounted	
Instance on Room 102	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Instance on Rooms 240, 244, 340 and 344	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on Room 102	Does not exist
Instance on Rooms 240, 244, 340 and 344	Does not exist
Surface Mounted	
Instance on Room 102	Does not exist
Instance on Rooms 240, 244, 340 and 344	Does not exist
Lighting Fixture - HID	
Instance on Room 102	Does not exist
Instance on Rooms 240, 244, 340 and 344	Does not exist
Lighting Fixture - Incandescent	
Instance on Room 102	Does not exist

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Question	Response
SCIENCE DEMO ROOM	
Lighting	
Lighting Fixture - Incandescent	
Instance on Rooms 240, 244, 340 and 344	Does not exist
Power Supply	
Instance on Room 102	Does not exist
Instance on Rooms 240, 244, 340 and 344	Does not exist
SCIENCE LAB	Does not exist
SCIENCE PREP ROOM	Inspected
Instance	Room 242
Has LAN/Modem access	Yes
Power Panel?	No
Alternative Use	No
Instance	Room 342
Has LAN/Modem access	Yes
Power Panel?	No
Alternative Use	No
Emergency Gas Shut-Off Valve	
Instance on Room 242	Does not exist
Instance on Room 342	Does not exist
Emergency Shut-Off Power	
Instance on Room 242	Does not exist
Instance on Room 342	Does not exist
Lighting	
Instance on Room 242	Inspected
Instance on Room 342	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 242	Inspected
Instance on Room 342	Inspected
Pendant Mounted	
Instance on Room 242	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Instance on Room 342	Does not exist
Recessed Mounted	
Instance on Room 242	Does not exist
Instance on Room 342	Does not exist
Surface Mounted	
Instance on Room 242	Does not exist
Instance on Room 342	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Lighting Fixture - HID	
Instance on Room 242	Does not exist
Instance on Room 342	Does not exist
Lighting Fixture - Incandescent	
Instance on Room 242	Does not exist
Instance on Room 342	Does not exist
Power Supply	
Instance on Room 242	Does not exist
Instance on Room 342	Does not exist
SECURITY	Inspected
Replacement Quantity	113,000
Replacement Uom	S.F.

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Question	Response
SECURITY	
Intrusion Alarm	Under construction
IPDVS/CCTV System	Does not exist
SWIMMING POOL	Does not exist
SWITCHBOARD	Inspected
Air Circuit Breaker Type	Does not exist
Fused Disconnect Switch Type	Inspected
Instance	Electrical Room
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	Electrotech
EquipmentId	N/A
Capacity/Size	1000 Amps total, 3 sections
Installation Year	2007
Deficiency	SWITCHBOARD NAME PLATE IS MISSING
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 2
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	SWITCHBOARD ID IS MISSING
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	MAINTENANCE
Urgency of Action	PRIORITY 2
Purpose of Action	LEVEL 2
Violations	No violations recorded
Fused Knife Switch Type	Does not exist
Molded Case Circuit Breaker Type	Does not exist
TELEPHONE	Inspected
PBX/Intercom	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Standard	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
TOILET ROOM - STAFF	Inspected
Lighting	Inspected
Lighting Fixture - Fluorescent	Inspected
Pendant Mounted	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
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
TOILET ROOM - STUDENT	Inspected
Lighting	Inspected
Lighting Fixture - Fluorescent	Inspected
Pendant Mounted	Inspected
Condition	3- Fair

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Question	Response
TOILET ROOM - STUDENT	
Lighting	
Lighting Fixture - Fluorescent	
Pendant Mounted	
Deficiency	No deficiencies recorded
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
TRANSFORMER	Does not exist
TV SYSTEM	Inspected
Cable Service	Inspected
Condition	5- Poor
Deficiency	SERVICE NOT OPERATIONAL
Deficiency Location/Instance	Main Building Feed
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPAIR
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Main Equipment Rack	Does not exist
Master Antenna System	Inspected
Condition	3- Fair
Deficiency	ANTENNA NOT IN USE
Deficiency Location/Instance	Roof
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded