

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

Electrical Inspection

M020

School: P.S. 20 - MANHATTAN, 166 ESSEX STREET, MANHATTAN, NY, 10002

InspectionId	Inspection Type	Time In	Last Edited
1178074	ELECTRICAL	2009-05-14 08:42AM	2009-05-26 11:15AM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: INTRUSION ALARM SYSTEM, PARTIAL PA SYSTEM, EMERGENCY/ EXIT LIGHTS, EMERGENCY LIGHT PANEL, PARTIAL LIGHT EXTERIOR SECURITY. Years: 2002 Systems: TELEPHONE SYSTEM, LAN Years: 2009 Systems: FLUORESCENT LIGHTING Years: 1999

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	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on FIRST FLOOR	Does not exist
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	Inspected
Pendant Mounted	
Instance on FIRST FLOOR	Does not exist
Recessed Mounted	
Instance on FIRST FLOOR	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Surface Mounted	
Instance on FIRST FLOOR	Does not exist
Lighting Fixture - Incandescent	
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	LIGHTING FIXTURE BEYOND USEFUL LIFE - NON DEFECTIVE

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

Electrical Inspection

M020

Question	Response
AUDITORIUM	
House Lighting	
Lighting Fixture - Incandescent	
Recessed Mounted	
Deficiency Quantity	4
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Surface Mounted	
Instance on FIRST FLOOR	Does not exist
Local Sound System	
Instance on FIRST FLOOR	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Projection System	
Instance on FIRST FLOOR	Does not exist
Theater Lighting System	
Instance on FIRST FLOOR	Inspected
Dimming System	
Instance on FIRST FLOOR	Does not exist
Theater Lighting	
Instance on FIRST FLOOR	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
AUXILIARY SIGNAL/BELL SYSTEM	Inspected
Condition	3- Fair
Replacement Quantity	92,000
Replacement Uom	S.F.
Deficiency	No deficiencies recorded
CAFETERIA	Inspected
Instance	FIRST FLOOR
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	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Surface Mounted	
Instance on FIRST FLOOR	Does not exist
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	3- Fair
Deficiency	No deficiencies recorded
CAFETERIA/MULTIPURPOSE ROOM	Does not exist

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

Electrical Inspection

M020

Question	Response
CITY FIRE ALARM SYSTEM	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE	Inspected
Lighting	Inspected
Lighting Fixture - Fluorescent	Inspected
Pendant Mounted	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Recessed Mounted	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Surface Mounted	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Lighting Fixture - HID	Does not exist
Lighting Fixture - Incandescent	Inspected
Pendant Mounted	Does not exist
Recessed Mounted	Does not exist
Surface Mounted	Inspected
Condition	3- Fair
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Quantity	10
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
COMPUTER LAB	Inspected
Instance	ROOM 302
Has LAN/Modem access	Yes
Power Panel?	Yes
Instance	ROOM 300
Has LAN/Modem access	Yes
Power Panel?	No
Lighting	
Instance on ROOM 302	Inspected
Instance on ROOM 300	Inspected
Lighting Fixture - Fluorescent	
Instance on ROOM 302	Inspected
Instance on ROOM 300	Inspected
Pendant Mounted	
Instance on ROOM 302	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Instance on ROOM 300	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on ROOM 302	Does not exist
Instance on ROOM 300	Does not exist
Surface Mounted	
Instance on ROOM 302	Does not exist
Instance on ROOM 300	Does not exist

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

Electrical Inspection

M020

Question	Response
COMPUTER LAB	
Lighting	
Lighting Fixture - HID	
Instance on ROOM 302	Does not exist
Instance on ROOM 300	Does not exist
Lighting Fixture - Incandescent	
Instance on ROOM 302	Does not exist
Instance on ROOM 300	Does not exist
Raceway With Receptacles	
Instance on ROOM 302	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Instance on ROOM 300	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
ELECTRIC SERVICE SWITCH	Inspected
Instance	BASEMENT ELECTRICAL ROOM
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	METROPOLITAN ELECTRIC CO
Model	METROPOLITAN
EquipmentId	MAIN SERVICE SWITCH
Capacity/Size	1600 Amps
Installation Year	1963
Deficiency	SWITCH BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	BASEMENT ELECTRICAL ROOM
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
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	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
EMERGENCY LIGHTING	Inspected
Battery Pack	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Connected To Emergency Generator System	Does not exist
Connected To Emergency Light/Exit Light Panel	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Relay Test Switch	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
EXIT LIGHT	Inspected
Battery Pack	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Connected To Emergency Generator System	Does not exist

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

Electrical Inspection

M020

Question	Response
EXIT LIGHT	
Connected To Emergency Light/Exit Light Panel	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
FIRE ALARM SYSTEM	Inspected
Replacement Quantity	92,000
Replacement Uom	S.F.
Area Smoke Detector	Does not exist
Bell/Horn	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Duct Smoke Detector	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Elevator Recall	Does not exist
Fan Shutdown Control	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Fire Alarm Digital Communicator	Does not exist
Fused Cutout Panel	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Heat Detector	Does not exist
Magnetic Door Holder Contactor	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
Manufacturer	ACME.
EquipmentId	FIRE ALARM.
Capacity/Size	9 circuits
Installation Year	1963
Deficiency	PANEL BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Manual Pull Station	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Remote Annunciator	Does not exist
Sprinkler Flow/Air Pressure Switch	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Strobe	Does not exist
Sub-Panel	Inspected
Bell At Panel	Inspected

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

Electrical Inspection

M020

Question	Response
FIRE ALARM SYSTEM	
Sub-Panel	
Bell At Panel	
Condition	3- Fair
Deficiency	No deficiencies recorded
Fire Alarm Control Panel (Electronic)	Does not exist
Fire Alarm Control Panel (Standard)	Inspected
Instance	BASEMENT ELECTRICAL ROOM
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	ACME.
EquipmentId	SMOKE DETECTOR & FAN SHUT DOWN
Capacity/Size	5 circuits
Installation Year	1963
Deficiency	PANEL BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Instance	BOILER ROOM.
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	ACME.
EquipmentId	SPRINKLER ALARM.
Capacity/Size	3 circuits
Installation Year	1963
Deficiency	PANEL BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Tamper Flow Switch/Chain	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
GROUNDING SYSTEM	
Condition	3- Fair
Deficiency	No deficiencies recorded
GYMNASIUM	
Instance	FIRST FLOOR
Lighting	
Instance on FIRST FLOOR	Inspected
Lighting Fixture - Fluorescent	
Instance on FIRST FLOOR	Does not exist
Lighting Fixture - HID	
Instance on FIRST FLOOR	Inspected
Pendant Mounted	
Instance on FIRST FLOOR	Does not exist
Recessed Mounted	
Instance on FIRST FLOOR	Does not exist

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

Electrical Inspection

M020

Question	Response
GYMNASIUM	
Lighting	
Lighting Fixture - HID	
Surface Mounted	
Instance on FIRST FLOOR	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Lighting Fixture - Incandescent	
Instance on FIRST FLOOR	Does not exist
Local Sound System	
Instance on FIRST FLOOR	Inspected
Instance Condition	5- Poor
Deficiency	AMPLIFIER NOT OPERATIONAL
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Scoreboard	
Instance on FIRST FLOOR	Does not exist
Theater Lighting System	
Instance on FIRST FLOOR	Does not exist
INTERCOM SYSTEM	
	Does not exist
KITCHEN/WARMING PANTRY	
	Inspected
Lighting	
	Inspected
Lighting Fixture - Fluorescent	
Pendant Mounted	
	Does not exist
Recessed Mounted	
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Surface Mounted	
	Does not exist
Lighting Fixture - HID	
	Does not exist
Lighting Fixture - Incandescent	
	Does not exist
LAN	
	Inspected
Local Distribution Frame (I/LDF)	
Condition	1- Good
Deficiency	No deficiencies recorded
Main Equipment Rack (MDF)	
Condition	1- Good
Deficiency	No deficiencies recorded
LIBRARY	
	Inspected
Instance	ROOM218
Has LAN/Modem access	Yes
Lighting	
Instance on ROOM218	Inspected
Lighting Fixture - Fluorescent	
Instance on ROOM218	Inspected
Pendant Mounted	
Instance on ROOM218	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on ROOM218	Does not exist

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

Electrical Inspection

M020

Question	Response
LIBRARY	
Lighting	
Lighting Fixture - Fluorescent	
Surface Mounted	
Instance on ROOM218	Does not exist
Lighting Fixture - HID	
Instance on ROOM218	Does not exist
Lighting Fixture - Incandescent	
Instance on ROOM218	Does not exist
Raceway With Receptacles	
Instance on ROOM218	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
LIGHTING - EXTERIOR SECURITY	Inspected
Condition	3- Fair
Replacement Quantity	17
Replacement Uom	EACH
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	BUILDING EXTERIOR
Deficiency Quantity	7
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 3
Violations	No violations recorded
LIGHTNING PROTECTION	Does not exist
LOCKER ROOM/SHOWER ROOM	Inspected
Instance	ROOM B29
Alternative Use	Yes
Lighting	
Instance on ROOM B29	Not required
MOTOR CONTROL CENTER	Does not exist
MOTOR STARTER/CONTACTOR	Inspected
Condition	3- Fair
Deficiency	MOTOR STARTER BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	BOILER ROOM
Deficiency Quantity	7
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	Inspected
Condition	3- Fair
Deficiency	PANEL BOARD BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	BOILER ROOM, MACHINE ROOM.
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded

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

Electrical Inspection

M020

Question	Response
PANEL BOARD	
Fused Knife Switch Type	Does not exist
Fused Toggle Switch Type	Inspected
Condition	3- Fair
Deficiency	PANEL BOARD BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	BASEMENT ELECTRICAL ROOM.
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Molded Case Circuit Breaker Type	Inspected
Condition	3- Fair
Deficiency	PANEL BOARD BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	CORRIDORS, BASEMENT.
Deficiency Quantity	14
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
PUBLIC ADDRESS SYSTEM	Inspected
Replacement Quantity	92,000
Replacement Uom	S.F.
Instance	GENERAL OFFICE 108.
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	BOGEN.
Deficiency	CLOCK NOT OPERATIONAL
Deficiency Location/Instance	CORRIDORS
Deficiency Quantity	10
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
SCIENCE DEMO ROOM	Does not exist
SCIENCE LAB	Does not exist
SCIENCE PREP ROOM	Does not exist
SECURITY	Inspected
Replacement Quantity	92,000
Replacement Uom	S.F.
Intrusion Alarm	Inspected
Central Control Panel	Inspected
Instance	ROOM 104
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	ADEMCO VISTA 4140 XMPT
Deficiency	No deficiencies recorded
Infrared Sensor	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded

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

Electrical Inspection

M020

Question	Response
SECURITY	
Intrusion Alarm	
Panic Switch	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Remote Annunciator	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Siren/Strobe	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Ultrasonic Sensor	Does not exist
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	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	METROPOLITAN ELECTRIC
EquipmentId	MAIN SWITCHBOARD
Capacity/Size	800 AMPS TOTAL, 4 SECTIONS
Installation Year	1963
Deficiency	SWITCHBOARD BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
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	1- Good
Deficiency	No deficiencies recorded
Standard	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
TOILET ROOM - STAFF	Inspected
Lighting	Inspected
Lighting Fixture - Fluorescent	Inspected
Pendant Mounted	Does not exist
Recessed Mounted	Does not exist
Surface Mounted	Inspected
Condition	2- Between Good and 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

NYC Department of Education
Building Condition Assessment Survey 2008-2009

Electrical Inspection

M020

Question	Response
TOILET ROOM - STUDENT	
Lighting	
Lighting Fixture - Fluorescent	
Pendant Mounted	Does not exist
Recessed Mounted	Does not exist
Surface Mounted	Inspected
Condition	2- Between Good and 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	2- Between Good and Fair
Deficiency	No deficiencies recorded
Main Equipment Rack	Does not exist
Master Antenna System	Does not exist