

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

Electrical Inspection

M040

School: P.S. 40 - MANHATTAN, 319 EAST 19 STREET, MANHATTAN, NY, 10003

InspectionId	Inspection Type	Time In	Last Edited
49520	ELECTRICAL	2008-11-06 09:01AM	2009-06-09 03:29PM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: Local Sound Systems Auditorium Cafeteria and 2 Gyms Years: 2008 Systems: Dimming System, House lighting Years: 2008 Systems: The Theater System Years: 2008 Systems: Auxiliary Bell Signal System Years: 2008 Systems: Science Labs Years: 2003 Systems: P.A. System, Security system Years: 2008 Systems: telephone System Years: 2006 Systems: Panel Boards Years: 2003, 2006 Systems: Motor starters Years: 2006 Systems: Exterior Lights Years: 2006 Systems: Exit Lights 20% Years: 2006 Systems: Fire Alarm System Years: 2008 Systems: Partial Lights 20%, 240 Years: 2006 Systems: Electrical Ground 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	
Instance on First Floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Lighting Fixture - HID	

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Question	Response
AUDITORIUM	
House Lighting	
Lighting Fixture - HID	
Instance on First Floor	Does not exist
Lighting Fixture - Incandescent	
Instance on First Floor	Inspected
Pendant Mounted	
Instance on First Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on First Floor	Does not exist
Surface Mounted	
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	Does not exist
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	1- Good
Deficiency	No deficiencies recorded
AUXILIARY SIGNAL/BELL SYSTEM	
Condition	1- Good
Replacement Quantity	106,000
Replacement Uom	S.F.
Deficiency	No deficiencies recorded
CAFETERIA	
	Does not exist
CAFETERIA/MULTIPURPOSE ROOM	
Instance	1st Floor
Lighting	
Instance on 1st Floor	Inspected
Lighting Fixture - Fluorescent	
Instance on 1st Floor	Inspected
Pendant Mounted	
Instance on 1st Floor	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on 1st Floor	Does not exist
Surface Mounted	
Instance on 1st Floor	Does not exist
Lighting Fixture - HID	
Instance on 1st Floor	Does not exist
Lighting Fixture - Incandescent	
Instance on 1st Floor	Does not exist

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Question	Response
CAFETERIA/MULTIPURPOSE ROOM	
Local Sound System	
Instance on 1st Floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Theater Lighting System	
Instance on 1st Floor	Does not exist
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	3- Fair
Deficiency	No deficiencies recorded
Recessed Mounted	Inspected
Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Surface Mounted	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Lighting Fixture - HID	Does not exist
Lighting Fixture - Incandescent	Inspected
Pendant Mounted	Inspected
Condition	3- Fair
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Quantity	60
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
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 303
Has LAN/Modem access	Yes
Power Panel?	Yes
Lighting	
Instance on Room 303	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 303	Inspected
Pendant Mounted	
Instance on Room 303	Inspected

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Question	Response
COMPUTER LAB	
Lighting	
Lighting Fixture - Fluorescent	
Pendant Mounted	
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on Room 303	Does not exist
Surface Mounted	
Instance on Room 303	Does not exist
Lighting Fixture - HID	
Instance on Room 303	Does not exist
Lighting Fixture - Incandescent	
Instance on Room 303	Does not exist
Raceway With Receptacles	
Instance on Room 303	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
ELECTRIC SERVICE SWITCH	Inspected
Instance	Basement Electrical Room
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	All City switchboard
Model	Boltswitch
EquipmentId	N/A
Capacity/Size	1600 Amps
Installation Year	2008
Deficiency	SWITCH ID IS MISSING
Deficiency Location/Instance	Basement 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	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
EMERGENCY LIGHTING	Inspected
Battery Pack	Inspected
Condition	4- Between Fair and Poor
Deficiency	BATTERY NOT OPERATIONAL
Deficiency Location/Instance	through out the school
Deficiency Quantity	24
Quantity Uom	EACH
Potential Action	REPLACE BATTERY
Urgency of Action	PRIORITY 5
Purpose of Action	LEVEL 2
Violations	No violations recorded
Connected To Emergency Generator System	Does not exist
Connected To Emergency Light/Exit Light Panel	Inspected
Condition	3- Fair

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Question	Response
EMERGENCY LIGHTING	
Connected To Emergency Light/Exit Light Panel	
Deficiency	No deficiencies recorded
Relay Test Switch	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
EXIT LIGHT	Inspected
Battery Pack	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Connected To Emergency Generator System	Does not exist
Connected To Emergency Light/Exit Light Panel	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
FIRE ALARM SYSTEM	Inspected
Replacement Quantity	106,000
Replacement Uom	S.F.
Area Smoke Detector	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Bell/Horn	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Duct Smoke Detector	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Elevator Recall	Does not exist
Fan Shutdown Control	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
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 Main Entrance
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	EST
Model	EST2
EquipmentId	N/A
Capacity/Size	10 Zones
Installation Year	2008
Deficiency	No deficiencies recorded
Fire Alarm Control Panel (Standard)	Does not exist

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Question	Response
FIRE ALARM SYSTEM	
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
Instance	Third Floor
Lighting	
Instance on First Floor	Inspected
Instance on Third Floor	Inspected
Lighting Fixture - Fluorescent	
Instance on First Floor	Inspected
Instance on Third Floor	Does not exist
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	Does not exist
Instance on Third Floor	Inspected
Pendant Mounted	
Instance on Third Floor	Does not exist
Recessed Mounted	
Instance on Third Floor	Inspected
Instance Condition	3- Fair
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Quantity	14

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Question	Response
GYMNASIUM	
Lighting	
Lighting Fixture - HID	
Recessed Mounted	
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
Deficiency	LIGHTING FIXTURE BALLAST DEFECTIVE
Deficiency Quantity	6
Quantity Uom	EACH
Potential Action	REPLACE BALLAST
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Surface Mounted	
Instance on Third Floor	Does not exist
Lighting Fixture - Incandescent	
Instance on First Floor	Does not exist
Instance on Third Floor	Inspected
Pendant Mounted	
Instance on Third Floor	Does not exist
Recessed Mounted	
Instance on Third Floor	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
Surface Mounted	
Instance on Third Floor	Does not exist
Local Sound System	
Instance on First Floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Instance on Third Floor	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Scoreboard	
Instance on First Floor	Does not exist
Instance on Third Floor	Does not exist
Theater Lighting System	
Instance on First Floor	Does not exist
Instance on Third Floor	Does not exist
INTERCOM SYSTEM	
	Does not exist
KITCHEN/WARMING PANTRY	
	Inspected
Lighting	
	Inspected
Lighting Fixture - Fluorescent	
	Inspected
Pendant Mounted	
	Inspected
Condition	3- Fair

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Question	Response
KITCHEN/WARMING PANTRY	
Lighting	
Lighting Fixture - Fluorescent	
Pendant Mounted	
Deficiency	No deficiencies recorded
Recessed Mounted	Does not exist
Surface Mounted	Does not exist
Lighting Fixture - HID	Does not exist
Lighting Fixture - Incandescent	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
LIBRARY	Inspected
Instance	Room 311
Has LAN/Modem access	Yes
Lighting	
Instance on Room 311	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 311	Inspected
Pendant Mounted	
Instance on Room 311	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on Room 311	Does not exist
Surface Mounted	
Instance on Room 311	Does not exist
Lighting Fixture - HID	
Instance on Room 311	Does not exist
Lighting Fixture - Incandescent	
Instance on Room 311	Does not exist
Raceway With Receptacles	
Instance on Room 311	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
LIGHTING - EXTERIOR SECURITY	Inspected
Condition	2- Between Good and Fair
Replacement Quantity	7
Replacement Uom	EACH
Deficiency	No deficiencies recorded
LIGHTNING PROTECTION	Does not exist
LOCKER ROOM/SHOWER ROOM	Does not exist
MOTOR CONTROL CENTER	Does not exist
MOTOR STARTER/CONTACTOR	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
MULTIPURPOSE ROOM	Does not exist
PANEL BOARD	Inspected
Fused Disconnect Switch Type	Inspected
Condition	3- Fair

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Question	Response
PANEL BOARD	
Fused Disconnect Switch Type	
Deficiency	No deficiencies recorded
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	Fourth Floor
Deficiency Quantity	2
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	1- Good
Deficiency	No deficiencies recorded
PUBLIC ADDRESS SYSTEM	Inspected
Replacement Quantity	106,000
Replacement Uom	S.F.
Instance	office 225
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Rauland
Deficiency	No deficiencies recorded
SCIENCE DEMO ROOM	Does not exist
SCIENCE LAB	Inspected
Instance	Room 500,501
Has LAN/Modem access	Yes
Power Panel?	No
Alternative Use	No
Emergency Gas Shut-Off Valve	
Instance on Room 500,501	Does not exist
Emergency Shut-Off Power	
Instance on Room 500,501	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Lighting	
Instance on Room 500,501	Inspected
Lighting Fixture - Fluorescent	
Instance on Room 500,501	Inspected
Pendant Mounted	
Instance on Room 500,501	Does not exist
Recessed Mounted	
Instance on Room 500,501	Inspected
Instance Condition	2- Between Good and Fair
Deficiency	No deficiencies recorded
Surface Mounted	
Instance on Room 500,501	Does not exist
Lighting Fixture - HID	
Instance on Room 500,501	Does not exist
Lighting Fixture - Incandescent	
Instance on Room 500,501	Does not exist

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Question	Response
SCIENCE LAB	
Power Supply	
Instance on Room 500,501	Does not exist
SCIENCE PREP ROOM	Does not exist
SECURITY	Inspected
Replacement Quantity	106,000
Replacement Uom	S.F.
Intrusion Alarm	Inspected
Central Control Panel	Inspected
Instance	Custodian Office 126
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Model	Honeywell
Deficiency	No deficiencies recorded
Infrared Sensor	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Panic Switch	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Remote Annunciator	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Siren/Strobe	Inspected
Condition	1- Good
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	Basement Electrical Room
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	All city switchboard
EquipmentId	N/A
Capacity/Size	1600 Amps total, 3 sections
Installation Year	2008
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	Inspected
Instance	Basement
Instance Condition	3- Fair
Instance Quantity	2
Instance Quantity Uom	EACH
Manufacturer	AASCO Products

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Question	Response
SWITCHBOARD	
Fused Knife Switch Type	
EquipmentId	N/A
Capacity/Size	312 Amps total, 1 section.
Installation Year	1928
Deficiency	SWITCHBOARD 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
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	
Condition	1- Good
Deficiency	No deficiencies recorded
Surface Mounted	
Condition	3- Fair
Deficiency	No deficiencies recorded
Lighting Fixture - HID	
	Does not exist
Lighting Fixture - Incandescent	
	Inspected
Pendant Mounted	
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
Recessed Mounted	
	Does not exist
Surface Mounted	
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
TOILET ROOM - STUDENT	
	Inspected
Lighting	
	Inspected

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Question	Response
TOILET ROOM - STUDENT	
Lighting	
Lighting Fixture - Fluorescent	Inspected
Pendant Mounted	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Recessed Mounted	Inspected
Condition	1- Good
Deficiency	No deficiencies recorded
Surface Mounted	Does not exist
Lighting Fixture - HID	Does not exist
Lighting Fixture - Incandescent	Does not exist
TRANSFORMER	Does not exist
TV SYSTEM	Inspected
Cable Service	Inspected
Condition	3- Fair
Deficiency	SERVICE NOT IN USE
Deficiency Location/Instance	Auditorium
Deficiency Quantity	1
Quantity Uom	EACH
Potential Action	NO ACTION
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 1
Violations	No violations recorded
Main Equipment Rack	Does not exist
Master Antenna System	Does not exist