

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

Electrical Inspection

M102

School: P.S. 102 - MANHATTAN, 315 EAST 113 STREET, MANHATTAN, NY, 10029

InspectionId	Inspection Type	Time In	Last Edited
1182009	ELECTRICAL	2008-11-19 09:00AM	2009-06-02 05:19PM

Asset Data

Question	Answer
Have any Systems/Major Building Components been upgraded?	Systems: TELEPHONE SYSTEM Years: 2002 Systems: LAN Years: 2002 Systems: INTRUSION ALARM Years: 1996 Systems: PA SYSTEM Years: 2008 Systems: FA SYSTEM Years: 2008 Systems: SWITCHBOARD Years: 2008 Systems: ELECTRICAL PANELS Years: 2008 Systems: LOCAL SOUND SYSTEMS Years: 2008

Priority Condition

Condition Description	Component Affected	Location Description	Person(s) Notified
WATER PENETRATION	ELECTRICAL COMPONENTS	BACK WALL BOILER ROOM	CUSTODIAN HERMINIO NEGRON

Inspection

Question	Response
ELECTRICAL	
ATHLETIC FIELD	Does not exist
AUDITORIUM	Inspected
Instance	SECOND FLOOR
House Lighting	
Instance on SECOND FLOOR	Inspected
Lighting Fixture - Fluorescent	
Instance on SECOND FLOOR	Inspected
Pendant Mounted	
Instance on SECOND FLOOR	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on SECOND FLOOR	Does not exist
Surface Mounted	
Instance on SECOND FLOOR	Inspected
Instance Condition	4- Between Fair and Poor
Deficiency	LIGHTING FIXTURE NOT OPERATIONAL
Deficiency Quantity	2
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded
Lighting Fixture - HID	
Instance on SECOND FLOOR	Does not exist
Lighting Fixture - Incandescent	
Instance on SECOND FLOOR	Does not exist

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Question	Response
AUDITORIUM	
Local Sound System	
Instance on SECOND FLOOR	Inspected
Instance Condition	1- Good
Deficiency	No deficiencies recorded
Projection System	
Instance on SECOND FLOOR	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Theater Lighting System	
Instance on SECOND FLOOR	Does not exist
AUXILIARY SIGNAL/BELL SYSTEM	
	Inspected
Condition	3- Fair
Replacement Quantity	69,000
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	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
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
CAFETERIA/MULTIPURPOSE ROOM	
	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	
Condition	4- Between Fair and Poor
Deficiency	LIGHTING FIXTURE NOT OPERATIONAL
Deficiency Quantity	20
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 3
Purpose of Action	LEVEL 2
Violations	No violations recorded

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Question	Response
CLASSROOM/CORRIDOR/ADMINISTRATIVE SPACE	
Lighting	
Lighting Fixture - Fluorescent	
Pendant Mounted	
Deficiency	LIGHTING FIXTURE BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Quantity	650
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	No deficiencies recorded
Lighting Fixture - HID	Does not exist
Lighting Fixture - Incandescent	Does not exist
COMPUTER LAB	Does not exist
ELECTRIC SERVICE SWITCH	Inspected
Instance	ELECTRICAL ROOM FIRST FLOOR
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	ELECTROTECH
Model	BOLTSWITCH
EquipmentId	MAIN SERVICE
Capacity/Size	800 AMPS
Installation Year	2008
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	1- Good
Deficiency	No deficiencies recorded
EMERGENCY LIGHTING	Inspected
Battery Pack	Inspected
Condition	3- Fair
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
Relay Test Switch	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
EXIT LIGHT	Inspected
Battery Pack	Inspected
Condition	3- Fair
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

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Question	Response
FIRE ALARM SYSTEM	Inspected
Replacement Quantity	69,000
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	MAIN ENTRANCE
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	EDWARDS
Model	EST2
EquipmentId	FIRE ALARM CONTROL PANEL
Capacity/Size	10 ZONES
Installation Year	2008
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	Does not exist
Strobe	Inspected
Condition	1- Good

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Question	Response
FIRE ALARM SYSTEM	
Strobe	
Deficiency	No deficiencies recorded
Sub-Panel	Does not exist
Tamper Flow Switch/Chain	Inspected
Condition	1- Good
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
Surface Mounted	
Instance on FIRST FLOOR	Inspected
Instance Condition	3- Fair
Deficiency	LIGHTING FIXTURE 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
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	
	Does not exist
KITCHEN/WARMING PANTRY	
	Inspected
Lighting	
	Inspected
Lighting Fixture - Fluorescent	
	Inspected
Pendant Mounted	
Condition	3- Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
	Does not exist
Surface Mounted	
Condition	3- Fair
Deficiency	No deficiencies recorded
Lighting Fixture - HID	
	Does not exist

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Question	Response
KITCHEN/WARMING PANTRY	
Lighting	
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 402
Has LAN/Modem access	Yes
Lighting	
Instance on ROOM 402	Inspected
Lighting Fixture - Fluorescent	
Instance on ROOM 402	Inspected
Pendant Mounted	
Instance on ROOM 402	Inspected
Instance Condition	3- Fair
Deficiency	No deficiencies recorded
Recessed Mounted	
Instance on ROOM 402	Does not exist
Surface Mounted	
Instance on ROOM 402	Does not exist
Lighting Fixture - HID	
Instance on ROOM 402	Does not exist
Lighting Fixture - Incandescent	
Instance on ROOM 402	Does not exist
Raceway With Receptacles	
Instance on ROOM 402	Does not exist
LIGHTING - EXTERIOR SECURITY	Inspected
Condition	4- Between Fair and Poor
Replacement Quantity	6
Replacement Uom	EACH
Deficiency	LIGHTING FIXTURE NOT OPERATIONAL
Deficiency Location/Instance	BUILDING EXTERIOR
Deficiency Quantity	3
Quantity Uom	EACH
Potential Action	REPLACE
Urgency of Action	PRIORITY 4
Purpose of Action	LEVEL 3
Violations	No violations recorded
LIGHTNING PROTECTION	Does not exist
LOCKER ROOM/SHOWER ROOM	Inspected
Instance	FIRST FLOOR IN GYM
Alternative Use	Yes
Instance	SECOND FLOOR PTA ROOM
Alternative Use	Yes
Lighting	
Instance on FIRST FLOOR IN GYM	Not required
Instance on SECOND FLOOR PTA ROOM	Not required
MOTOR CONTROL CENTER	Does not exist
MOTOR STARTER/CONTACTOR	Inspected

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MOTOR STARTER/CONTACTOR	
Condition	3- Fair
Deficiency	MOTOR STARTER BEYOND USEFUL LIFE - NON DEFECTIVE
Deficiency Location/Instance	BOILER ROOM
Deficiency Quantity	12
Quantity Uom	EACH
Potential Action	REPLACE-UPGRADE
Urgency of Action	PRIORITY 1
Purpose of Action	LEVEL 2
Violations	No violations recorded
MULTIPURPOSE ROOM	
Instance	Inspected
	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	Does not exist
Surface Mounted	
Instance on FIRST FLOOR	Inspected
Instance Condition	1- Good
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
Theater Lighting System	
Instance on FIRST FLOOR	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
Condition	1- Good
Deficiency	No deficiencies recorded
PUBLIC ADDRESS SYSTEM	
Replacement Quantity	Inspected
Replacement Uom	69,000
	S.F.
Instance	SECOND FLOOR
Instance Condition	2- Between Good and Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	RAULAND
Deficiency	CLOCK NOT OPERATIONAL
Deficiency Location/Instance	ROOMS
Deficiency Quantity	6
Quantity Uom	EACH
Potential Action	REPLACE

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Question	Response
PUBLIC ADDRESS SYSTEM	
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	69,000
Replacement Uom	S.F.
Intrusion Alarm	Inspected
Central Control Panel	Inspected
Instance	CUSTODIAN OFFICE 271
Instance Condition	3- Fair
Instance Quantity	1
Instance Quantity Uom	EACH
Model	ADEMCO VISTA 50 P
Deficiency	No deficiencies recorded
Infrared Sensor	Inspected
Condition	3- Fair
Deficiency	No deficiencies recorded
Panic Switch	Inspected
Condition	3- Fair
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
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	BOILER ROOM
Instance Condition	1- Good
Instance Quantity	1
Instance Quantity Uom	EACH
Manufacturer	ELECTROTECH
EquipmentId	MSB MSA
Capacity/Size	800 AMPS TOTAL, 2 SECTIONS
Installation Year	2008
Deficiency	No deficiencies 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

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Question	Response
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
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
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